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Appendix E:

Hazards and Hazardous Materials Supporting Information

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E.1 - Phase I Environmental Site Assessment

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Phase I Environmental Site Assessment Report

15 Argonaut
Aliso Viejo, California 92656

Stantec

Prepared for:
Brandywine Homes
2355 Main Street, Suite 220
Irvine, California 92614

Prepared by:
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Date: July 14, 2025

Project/File: 185807004

Stantec Consulting Services Inc.

This document entitled **Phase I Environmental Site Assessment Report** (Report) was prepared by Stantec Consulting Services Inc. (“Stantec”) for the account of Brandywine Homes (the “Client”). he work performed herein was done in conformance the Master Services agreement between the Client and Stantec (the “MSA”). In the event of any conflict between this document and the MSA, the MSA will prevail. Any reliance on this document by any third party is strictly prohibited. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document. All information, conclusions, and recommendations provided by Stantec in this document regarding the Phase I ESA have been prepared under the supervision of and reviewed by the professionals whose signatures appear below.

Stantec has assumed all information received from the “Client” and third parties in the preparation of the Report to be correct. While Stantec has exercised a customary level of judgment or due diligence in the use of such information, Stantec assumes no responsibility for the consequences of any error or omission contained therein. This Report is intended solely for use by the Client in accordance with Stantec’s contract with the Client. While the Report may be provided to applicable authorities having jurisdiction and others for whom the Client is responsible, Stantec does not warrant the services to any third party. The report may not be relied upon by any other party without the express written consent of Stantec, which may be withheld at Stantec’s discretion.

Author: _____

Jennifer Alvarado
Senior Scientist

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of Title 40 of the Code of Federal Regulations, Part 312, (40 CFR 312). I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the property. I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Quality Reviewer: _____

Alicia Jansen
Senior Scientist

Independent Reviewer: _____

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Senior Principal Geologist

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Acronyms / Abbreviations

AAI	All Appropriate Inquiries
AP	Alquist-Priolo
APN	Assessor's Parcel Number
AST	Aboveground Storage Tank
ASTM	ASTM International
AUL	Activity Use Limitation
BER	Business Environmental Risk
Bgs	Below Ground Surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulation
CREC	Controlled Recognized Environmental Conditions
DTSC	Department of Toxic Substances Control
DWR	Department of Water Resources
EP	Environmental Professional
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
ft amsl	Feet above mean sea level
HREC	Historical Recognized Environmental Conditions
NESHAP	National Emissions Standard for Hazardous Air Pollutants
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethylene
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
SVOCs	Semi-Volatile Organic Compounds
USDA-NRCS	United States Department of Agriculture – Natural Resources Conservation Service
USGS	United States Geological Survey
UST	Underground Storage Tank

VEC	Vapor Encroachment Condition
VES	Vapor Encroachment Screen
VOCs	Volatile Organic Compounds

Executive Summary

Stantec Consulting Services Inc. (Stantec) has completed a Phase I Environmental Site Assessment (ESA) report of the property located at 15 Argonaut, Aliso Viejo, Orange County, California (the “Subject Property”), on behalf of Brandywine Homes (the “Client”). The work was performed in accordance with the Master Services Agreement (MSA) between Stantec and Brandywine Homes (the “User”) has been designated as the User of this report. The intended use of this Phase I ESA is for due diligence in support of potential redevelopment.

The Phase I ESA was conducted in conformance with the requirements of ASTM International (ASTM) Designation E1527-21, and All Appropriate Inquiries (AAI) as defined by the United States Environmental Protection Agency (EPA) in Title 40 of the Code of Federal Regulations, Part 312 (40 CFR 312), except as may have been modified by the scope of work, and terms and conditions, requested by the Client. Any exceptions to, or deletions from, the ASTM or AAI practice are described in Section 1.3.

The Subject Property consists of approximately 4.35 acres of land associated with Assessor’s Parcel Numbers (APNs) 623-093-10 and 623-093-11, and the address of 15 Argonaut, Aliso Viejo, Orange County, California. According to records obtained through Environmental Data Resources (EDR), the Subject Property appears to have been vacant from at least the 1930s to 1980s and was commercially developed with one structure and asphalt parking lot by 1989 in its present-day configuration. The Subject Property building is currently vacant. The adjoining properties and vicinity are developed with commercial/light industrial businesses and residential properties. A Subject Property Location Map is provided as Figure 1. A Subject Property Vicinity Map illustrating the main features of the Subject Property and vicinity is provided as Figure 2. Photographs taken during the site reconnaissance visit are provided in Appendix A.

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-21 of the property located at 15 Argonaut, Aliso Viejo, Orange County, California, or the “Subject Property”. Any exceptions to, or deletions from, this practice are described in Section 2.3 of this report. This assessment has revealed the following evidence of recognized environmental conditions (RECs), Controlled RECs (CRECs), and/or significant data gaps in connection with the Subject Property.

- A west-adjoining fuel station located at 23022 Aliso Creek Road is listed as a gasoline service station since 1996 that reportedly houses three active underground storage tanks (USTs) installed between 2004 and 2016. The USTs range from 10,000 to 20,000 gallons in size and contain diesel, regular and premium unleaded fuel. A minor spill of two gallons of fuel was reported in 2018 due to a vehicle overfill onto concrete. The spill was cleaned by onsite personnel. The site received permit-related violations between 2014 and 2016 which were returned to compliance. No releases are reported at the site. Given the proximity of the fuel station to the Subject Property, and no documented assessment of soil, soil vapor, or groundwater at the site, as well as inferred groundwater flow to the east, this site represents a potential VEC and is considered a REC for the Subject Property.

Stantec recommends a Phase II subsurface investigation to address potential subsurface impacts related to the west-adjoining fuel station.

This assessment has revealed the following items of note in connection with the Subject Property.

- The Subject Property building was constructed in the 1980s. Given the age of construction, asbestos-containing materials (ACMs) and lead-based paint (LBP) may be present in building materials. Additionally, an asphalt parking lot is present on the Subject Property. Petromat is a stress-absorbing fabric often associated with asphalt, and it sometimes contains asbestos. Stantec recommends an ACM, LBP and Petromat survey be conducted prior to renovation or demolition in accordance with applicable local and federal regulations.

The preceding summary is intended for informational purposes only. Reading of the full body of this report is recommended.

1 Introduction

The objective of this Phase I ESA was to perform AAI into the past ownership and uses of the Subject Property consistent with good commercial or customary practice as outlined by ASTM International (ASTM) in "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," Designation E1527-21. "All Appropriate Inquiries" is the process for evaluating a property's environmental conditions for the purpose of qualifying for landowner liability protections under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) following final rule of Part 312 of Title 40, Code of Federal Regulations (40 CFR Part 312). The purpose of this Phase I ESA was to identify, to the extent feasible, adverse environmental conditions including recognized environmental conditions ("RECs") of the Subject Property.

The ASTM E1527-21 standard indicates that the goal of the Phase I ESA is to identify RECs, as well as historical recognized environmental conditions ("HRECs") and controlled recognized environmental conditions ("CRECs") that may exist at a property. The term "recognized environmental conditions" is defined as:

1. the presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release to the environment;

2. the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or likely release to the environment; or

3. the presence of hazardous substances or petroleum products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment.

ASTM defines a "HREC" as a previous release of hazardous substances or petroleum products affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority and meets current unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., activity and use limitations or other property use limitations). A HREC is not considered a REC.

ASTM defines a "CREC" as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), but with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., activity and use limitations, institutional controls, or engineering controls).

As defined by ASTM, RECs can include hazardous substances or petroleum products present under conditions in compliance with laws if that presence represents a material threat of future release. The release of hazardous substances or petroleum products is, however, not a REC if that presence is a *de minimis* condition. *De minimis* conditions are minor releases that generally do not present a material risk to human health and would not likely be subject to enforcement action if brought to the attention of

governmental agencies. ASTM also considers the potential for a business environmental risk (BER), defined as a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of the Subject Property, not necessarily limited to those environmental issues required to be investigated by the ASTM standard. Consideration of BERs may involve addressing one or more ASTM non-scope considerations.

The work was performed in accordance with the Master Services Agreement (MSA) between Stantec and Brandywine Homes. The scope of work conducted during this Phase I ESA consisted of a visual reconnaissance of the Subject Property, interviews with key individuals, and review of reasonably ascertainable documents. The scope of work did not include an assessment for environmental regulatory compliance of any facility ever operated at the Subject Property (past or present), or sampling and analyzing of environmental media. Stantec was not contracted to perform an independent evaluation of the purchase or lease price of the Subject Property and its relationship to current fair market value. The conclusions presented in this Phase I ESA report are professional opinions based on data described herein. The opinions are subject to the limitations described in Section 1.3.

ASTM E1527-21 notes that the availability of record information varies from source to source. The User or Environmental Professional (EP) is not obligated to identify, obtain, or review every possible source that might exist with respect to a property. Instead, ASTM identifies record information that is reasonably ascertainable from standard sources. “Reasonably ascertainable” means:

1. Information that is publicly available;
2. Information that is obtainable from its source within reasonable time and cost constraints; and
3. Information that is practicably reviewable.

1.1 Subject Property Description

The Subject Property consists of approximately 4.35 acres of land associated with Assessor’s Parcel Numbers (APNs) 623-093-10 and 623-093-11, and the address of 15 Argonaut, Aliso Viejo, Orange County, California. According to records obtained through Environmental Data Resources (EDR), the Subject Property appears to have been vacant from at least the 1930s to 1980s and was commercially developed with one structure and asphalt parking lot by 1989 in its present-day configuration. The Subject Property building is currently vacant. The adjoining properties and vicinity are developed with commercial/light industrial businesses and residential properties. A Subject Property Location Map is provided as Figure 1. A Subject Property Vicinity Map illustrating the main features of the Subject Property and vicinity is provided as Figure 2. Photographs taken during the site reconnaissance visit are provided in Appendix A.

1.2 Special Terms, Conditions, and Additional Assumptions

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

1.3 Exemptions and Limiting Conditions

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided and given the schedule and budget constraints established by the Client. No other representations, warranties, or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential and actual liabilities and conditions associated with the Subject Property.

This report provides an evaluation of selected environmental conditions associated with the Subject Property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information received from others.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report and are based solely on the scope of work described in the report, the limited data available, and the results of the work. They are not a certification of the Subject Property's environmental condition.

The Client did not provide or contract Stantec to provide recorded title records or search results for environmental liens or activity and use limitations encumbering the property or in connection with the Subject Property. Stantec did not obtain historical records that document the property history in 5-year intervals, and this resulted in data gaps. Although this represents data gaps, these data gaps are not considered to impact the EPs ability to identify RECs unless stated as such. Based on the information obtained during the course of this ESA and general knowledge of development at and near the Subject Property, the absence of this information did not affect the ability of the EPs to identify RECs, HRECs, CRECs, or *de minimis* conditions.

This report has been prepared for the exclusive use of the Client identified herein and any use of or reliance on this report by any third party is prohibited, except as may be consented to in writing by Stantec or as required by law. The provision of any such consent is at Stantec's sole and unfettered discretion and will only be authorized pursuant to the conditions of Stantec's standard form reliance letter. Stantec assumes no responsibility for losses, damages, liabilities, or claims, howsoever arising, from third party use of this report.

Project Specific limiting conditions are provided in Section 1.2.

The conclusions are based on the conditions encountered at the Subject Property by Stantec at the time the work was conducted. within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures, are not guaranteed. Before starting site work, the exact location of all such utilities and structures must be confirmed by the client and the party performing the work, and Stantec assumes no liability resulting from damage to such utilities and structures.

As the purpose of this report is to identify Subject Property conditions which may pose an environmental risk; the identification of non-environmental risks to structures or people on the Subject Property is beyond the scope of this assessment.

The findings, observations, and conclusions expressed by Stantec in this report are not an opinion concerning the compliance of any past or present owner or operator of the Subject Property which is the subject of this report with any Federal, state, provincial or local law or regulation.

This report presents professional opinions and findings of a scientific and technical nature. It does not and shall not be construed to offer a legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, regulations, or policies of Federal, state, provincial or local governmental agencies.

Stantec specifically disclaims any responsibility to update the conclusions in this report if new or different information later becomes available or if the conditions or activities on the property subsequently change.

1.4 Personnel Qualifications

This Phase I ESA was conducted by, or under the supervision of, an individual that meets the ASTM definition of an EP. The credentials of the EP and other key Stantec personnel involved in conducting this Phase I ESA are provided in Appendix B.

2 User-Provided Information

ASTM E1527-21 describe responsibilities of the User to complete certain tasks in connection with the performance of “All Appropriate Inquiries” into the Subject Property. The ASTM standard requires that the EP request information from the User on the results of those tasks because that information can assist in the identification of RECs, CRECs, HRECs, or *de minimis* conditions in connection with the Subject Property. Toward that end, Stantec requested that the User provide the following documents and information:

Description of Information	Provided (Yes / No)	Description and/or Key Findings
User Questionnaire and/or Interview	Yes	Mr. Emanuel Robinson, Senior Project Manager with Brandywine Homes, completed the user questionnaire. Mr. Robinson is not aware of any environmental issues associated with the Subject Property and referenced a previous ESA provided by the seller.
Environmental Liens or Activity and Use Limitations (AUL)	No	Deeds, environmental liens, and activity and use limitation documentation were not provided by the User, and public records were not searched by Stantec.
Previous Environmental Permits or Reports Provided by User	Yes	A Phase I ESA for the Subject Property prepared by EMG and dated October 30, 2016, was provided to Stantec for review. No RECs or environmental concerns were identified within the report, and no further investigation was recommended by EMG. User provided documents are provided in Appendix C.
Purpose of the Phase I ESA	Yes	The intended use of the Phase I is for planned redevelopment of the Subject Property.

3 Records Review

The objective of consulting historical sources of information is to develop the history of the Subject Property and surrounding area and evaluate if past uses may have resulted in RECs. Physical setting records are evaluated to determine if the physical setting may have contributed to adverse environmental conditions in connection with the Subject Property. During the review of historical records, Stantec attempted to identify uses of the Subject Property from the present to the first developed use of the Subject Property. Stantec's research included the reasonably ascertainable and useful records described in this section.

3.1 Physical Setting

A summary of the physical setting of the Subject Property is provided in the table below with additional details in the following subsections:

Topography	Soil/Bedrock Data	Estimated Depth to Groundwater/ Estimate Direction of Gradient
According to the United States Geologic Survey (USGS) San Juan Capistrano, California topographic map provided in the Environmental Data Resources Inc. (EDR) Physical Setting Source Addendum (Appendix D), the topographic gradient in the vicinity of the Subject Property is to the east-northeast and the Subject Property is located at approximately 453 feet above mean sea level (ft. amsl).	The United States Department of Agriculture – Natural Resources Conservation Service (USDA-NRCS), Web Soil Survey identifies the soils beneath the Subject Property as Capistrano sandy loam, with well drained soils and a typical soil profile comprised of sandy loam (0-27 inches), and fine sandy loam (27-64 inches).	Site specific groundwater investigations were not conducted during this ESA; however, according to a 2022 *Second Half Groundwater Monitoring Report* for a release site located approximately one mile to the north, groundwater in the vicinity is estimated to be approximately 7.19-15.64 feet below top of well casing (btoc) with a flow direction generally to the east.

NOTE:
Site-specific groundwater flow direction and depth can only be determined by conducting site-specific testing, which Stantec has not conducted.

3.1.1 Subject Property Topography and Surface Water Flow

The Subject Property topography is relatively flat and is located at an elevation of approximately 453 ft. amsl. Based on the topography and existing surface conditions, general surface water is expected to flow to the east-northeast.

3.1.2 Regional and Subject Property Geology

According to a previous environmental site assessment for the Subject Property by EMG in 2016, the general geology of the Subject Property and vicinity is comprised of sandstone, mudstone, siltstone, evaporite and conglomerate, dating from the Oligocene to the Pliocene epochs (EMG, 2016).

According to California DOC Earthquake Zone Map (Department of Conservation Map Server (ca.gov)), the Subject Property is not located within an Alquist-Priolo (AP) Earthquake Fault Zone boundary. The closest fault zone is located approximately 20 miles to the northwest of the Subject Property. The Subject Property lies within a Landslide Zone.

3.1.3 Regional and Subject Property Hydrogeology

The Subject Property lies within the Aliso Creek Watershed located in southern Orange County. The Watershed is part of the Laguna subunit of the San Juan Hydrologic Basin. The Basin is comprised of coastal watersheds which drain to the Pacific Ocean. The Aliso Creek Watershed drains approximately 30 square miles and has limited water-bearing formations, which include two alluvial aquifers and one deeper aquifer. The alluvial aquifers are separated by a shale formation. Groundwater extraction is limited within this area due to saltwater intrusion (Orange County, 2018).

Site specific groundwater investigations were not conducted during this ESA; however, according to a 2022 *Second Half Groundwater Monitoring Report* for a release site located approximately one mile to the north, groundwater in the vicinity is estimated to be approximately 7.19-15.64 feet below top of well casing (btoc) with a flow direction generally to the east.

3.2 Federal, State, and Tribal Environmental Records

A regulatory agency database search report was obtained from EDR, a third-party environmental database search firm. A complete copy of the database search report, including the date the report was prepared, the date the information was last updated, and the definition of databases searched, is provided in Appendix D.

Stantec evaluated the information listed within the database relative to potential impact to the Subject Property, assessing the potential for impacts based in part on the physical setting. As part of this process, inferences have been made regarding the likely groundwater flow direction at or near the Subject Property. As described in 4.1.3, the inferred shallow groundwater flow direction is likely to be toward the east. Observations about the Subject Property and adjoining properties made during the Subject Property reconnaissance are provided in more detail in Section 4.

3.2.1 Listings for Subject Property

The Subject Property was identified in the following EDR databases:

- RCRA-LQG, HWTS, HAZNET, FINDS, ECHO: The Subject Property listed under “Ambry Genetics Corp” is listed in the RCRA database as of 2018 as a large quantity hazardous waste generator of ignitable and corrosive wastes, chloroform, nonhalogenated solvents, benzene, and liquid wastes. The Subject Property is listed under “Research and Development in Biotechnology” and “Medical and Diagnostic Laboratories.” No violations are reported.

- HWTS: The Subject Property listed under “Kamanari Inc” in the Hazardous Waste Tracking System (EPA ID No. CAP982455610) shows an inactive status as of 12/21/2000. No violations are reported.
- HWTS: The Subject Property listed under “Arbonne International” in the Hazardous Waste Tracking System (EPA ID No. CAC001314128) shows an inactive status as of 10/25/2000. No violations are reported.
- HWTS: The Subject Property listed under “Stracon Manufacturing” in the Hazardous Waste Tracking System (EPA ID No. CAL000277358) shows an inactive status as of 12/16/2003. No violations are reported.
- HWTS, HAZNET: The Subject Property listed under “Centon Electronics Inc” in the Hazardous Waste Tracking System (EPA ID No. CAL000298473) shows an inactive status as of 6/30/2008. Additionally, wastes generated onsite included other inorganic solid waste between 2006 and 2015. No violations are reported.
- HWTS, HAZNET: The Subject Property listed under “Green Co Services LLC” in the Hazardous Waste Tracking System (EPA ID No. CAC002638779) shows an inactive status as of 7/28/2009. Additionally, waste generated onsite included unspecified solvent mixture and off-specification, aged or surplus organics in 2009. No violations are reported.

Given there are no reported violations, spills or releases, these listings do not constitute a REC for the Subject Property.

3.2.2 Listings for Adjoining and Nearby Sites with Potential to Impact Subject Property

Stantec assessed data presented in the environmental agency database search report to evaluate the potential for conditions on adjoining and nearby sites to pose a REC, CREC, or HREC for the Subject Property. The evaluation included an opinion of the potential for contamination by hazardous substances or petroleum products to migrate to the Subject Property from an adjoining or nearby site, including by vapor migration or encroachment (i.e., potential for a vapor encroachment condition [VEC]. ASTM E2600-22 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (ASTM, 2022) was used as the basis for a Tier I Vapor Encroachment Screen (VES) for the Subject Property. This included evaluation of release sites within 1/10 mile for Petroleum Hydrocarbon releases, and 1/3 mile for volatile and semi-volatile organic compound (VOC, SVOC), plus other potential vapor phase contaminants (such as mercury).

Based on this evaluation, the following individual facilities were identified as the most likely potential sources of impact to the Subject Property. The basis for why each of the following listed databases creates a REC for the Subject Property is also provided.

Listed Facility Name/Address	Database Listing(s)	Distance/Direction from Subject Property
Hunter Graphics Inc/Mobile Tech Inc/Halo Clinical Lab Inc 21 Argonaut Aliso Viejo, CA	RCRA-SQG, FINDS, ECHO, EDR HIST AUTO, RCRA NONGEN/NLR, E MANIFEST	0.016 mile/86 feet southeast at higher elevation
This site is listed as a small-quantity hazardous waste generator as of 1989 and in the RCRA NONGEN database as of 2023 under “Medical Laboratories”. Additionally, the site is listed as a gasoline service station in 2008; however, no documentation regarding status is reported. Given there are no reported violations or releases, this site is not considered a REC for the Subject Property.		
Chevron Products Company/Chevron #0200913/Chevron Station #200913/1404/Chevron USA Inc 23022 Aliso Creek Road Aliso Viejo, CA	RCRA-SQG, SWEEPS UST, CA FID UST, FINDS, ECHO, E MANIFEST, UST, UST FINDER, CERS HAZ WASTE, CERS TANKS, CHMIRS, CERS	0.020 mile/106 feet southwest at higher elevation
This site is listed as a gasoline service station since 1996 that reportedly houses three active USTs installed between 2004 and 2016. The USTs range from 10,000 to 20,000 gallons in size and contain diesel, regular and premium unleaded fuel. A minor spill of two gallons of fuel was reported in 2018 due to a vehicle overfill onto concrete. The spill was cleaned by onsite personnel. The site received permit-related violations between 2014 and 2016 which were returned to compliance. No releases are reported at the site. Given the proximity of the fuel station to the Subject Property, and no documented assessment of soil, soil vapor, or groundwater at the site, as well as inferred groundwater flow to the east, this site represents a potential VEC and is considered a REC for the Subject Property.		
Ambry Genetics 7 Argonaut Aliso Viejo, CA	CERS TANKS, CERS, CERS HAZ WASTE, EMI	0.024 mile/126 feet east at lower elevation
This site is listed as having an AST under 10,000 gallons in size. No violations, spills or releases are reported. Given there are no reported releases, this site is not considered a REC for the Subject Property.		
Bearing Engineers 27 Argonaut Aliso Viejo, CA	RCRA NONGEN/NLR, E MANIFEST	0.049 mile/258 feet southeast at higher elevation
This site is listed in the RCRA database as of 1997 with no violations reported. Given there are no reported violations, spills or releases, this site is not considered a REC for the Subject Property.		
Soft Health Technologies LLC/Inceptus Medical 8 Argonaut Aliso Viejo, CA	RCRA NONGEN/NLR	0.059 mile/309 feet east at lower elevation
This site is listed in the RCRA database under “Game, Toy, and Children’s Vehicle Manufacturing” as of 2014 and under “All Other Miscellaneous Manufacturing” as of 2022 with no violations reported. Given there are no reported violations, spills or releases, this site is not considered a REC for the Subject Property.		
Aliso Viejo Towing & Recovery Inc 31 Argonaut	CERS HAZ WASTE, CERS, RCRA NONGEN/NLR, E MANIFEST	0.078 mile/411 feet southeast at higher elevation

Listed Facility Name/Address	Database Listing(s)	Distance/Direction from Subject Property
Aliso Viejo, CA This site is listed as a hazardous waste generator with permit-related violations received in 2018 through 2021 that were largely returned to compliance. Given there are no reported spills or releases, this site is not considered a REC for the Subject Property.		
Econo Lube N Tune/UTV Repair LLC DBA Glenwood Aliso Creek Auto Repair 22932 Glenwood Drive Aliso Viejo, CA This site is listed as having at least one UST of unreported contents and is listed in the RCRA database under "General Automotive Repair" as of 2022 with no violations reported. Given there are no reported violations, spills or releases, this site is not considered a REC for the Subject Property.	UST, RCRA NONGEN/NLR, E MANIFEST	0.081 mile/428 feet west-southwest at higher elevation
Para Tech Coasting Inc 35 Argonaut Circle Aliso Viejo, CA This site is listed as a hazardous waste generator as of 1999 of other inorganic solid waste, waste and mixed oil, off-specification, aged or surplus organics, and unspecified solvent mixture. Permit-related violations were received between 2014 and 2024 which were returned to compliance. Given there are no reported spills or releases, this site is not considered a REC for the Subject Property.	RCRA-SQG, CERS HAZ WASTE, FINDS, ECHO, E MANIFEST, HWTS, HAZNET, CERS	0.105 mile/557 feet southeast at higher elevation
Corte Fina Homeowners Assoc. 95 Argonaut Aliso Viejo, CA This site is listed as a fuel station in 2007 and 2008. No additional details are provided. Given there are no reported violations or releases, this is not considered a REC for the Subject Property.	EDR HIST AUTO	0.123 mile/650 feet east at lower elevation

The remaining listings in the database search report, including listings of Orphan/Unlocated Sites, provided in Appendix D do not constitute a REC for the Subject Property.

3.3 Local/Regional Environmental Records

Stantec checked the following sources to obtain information pertaining to Subject Property use and/or indications of RECs in connection with the Subject Property:

3.3.1 Local Health Department

Agency Name, Contact Information, Date	Finding
Orange County Health Care Agency Via online: https://orangecounty.nextrequest.com Submitted on July 3, 2025	As of the writing of this report, a complete response has not been received by the agency. Should any pertinent information become available an addendum to this report will be issued. However, given the historical documents available the lack of a response from this agency is not considered a significant data gap and is unlikely to impact the findings of this report.

3.3.2 Fire Department

Agency Name, Contact Information, Date	Finding
Custodian of Records Orange County Fire Authority Via email: CRTK@ocfa.org Submitted on: July 3, 2025	As of the writing of this report, a complete response has not been received by the agency. Should any pertinent information become available an addendum to this report will be issued. However, given the historical documents available the lack of a response from this agency is not considered a significant data gap and is unlikely to impact the findings of this report.

3.3.3 Local Building and/or Planning Department Records

Agency Name, Contact Information, Date	Findings
Custodian of Records City of Aliso Viejo Via email: city-clerk@avcity.org Submitted on July 3, 2025	The City of Aliso Viejo provided available records for the Subject Property and adjoining properties on July 8, 2025. Subject Property records available included certificates of occupancy, grading permits, tenant improvements, and building permits. No records of environmental significance were observed. Copies of the provided records are included in Appendix F.

3.3.4 State Department Records

Agency Name, Contact Information, Date	Findings
Department of Toxic Substances Control (DTSC), EnviroStor database Cypress Regional Office Online database: https://www.envirostor.dtsc.ca.gov/public/	Stantec researched EnviroStor, the DTSC public database, to evaluate if there are any reported releases at the Subject Property or on adjoining properties. There were no release sites listed for the Subject Property or adjoining properties. According to an email dated July 11, 2025, the DTSC only has hazardous waste tracking system (HWTS) records for the

Agency Name, Contact Information, Date	Findings
Via email: cypressfileroom@dtsc.ca.gov Submitted and accessed on Jul 3, 2025	Subject Property and adjoining sites which are available online (Hazardous Waste Tracking System: Home). These records are discussed in Section 3.2 above.
California Geologic Energy Management (CalGEM) Online database: https://maps.conservation.ca.gov/doggr/wellfinder Accessed on July 7, 2025	The CalGEM database was searched to identify the potential existence of oil and gas production wells within the vicinity of the Subject Property. No oil or gas wells were located within the Subject Property or adjoining property boundaries. The closest well is located approximately 0.6 miles to the northwest and is listed as a dry plugged hole (API 0405900854). Given the distance of this well, this well is not considered a REC for the Subject Property.

3.3.5 Local/Regional Water Quality Agency Records

Agency Name, Contact Information, Date	Findings
Custodian of Records San Diego Regional Water Quality Control Board (SDRWQCB) Via email: rb9_records@waterboards.ca.gov Submitted and accessed on July 3, 2025	Stantec researched GeoTracker, the California Regional Water Quality Control Board public database, to evaluate if there are any reported releases at the Subject Property or on adjoining properties. There were no release sites listed for the Subject Property or adjoining properties. On July 8, 2025, the agency responded with records for the Subject Property, including: • 2010 stormwater discharge permit termination for adjoining fuels station site at 23022 Aliso Creek Road. No environmental concerns were identified. Additional information regarding this adjoining fuel station is provided in Section 3.2.2 above.

3.3.6 National Pipeline Mapping System – Public Viewer

The National Pipeline Mapping System – Public Viewer was accessed by Jenny Alvarado of Stantec on July 8, 2025. According to the Public Viewer, no buried pipelines are located on or near to the Subject Property.

National Pipeline Mapping System Public Viewer. NPMS Public Viewer (dot.gov). Accessed on July 8, 2025.

3.4 Historical Records Review

3.4.1 Land Title Records/Deeds

Land title records, deeds, environmental liens, and activity and use limitation documentation were not provided by the User, and public records were not searched by Stantec.

3.4.2 Aerial Photographs

Stantec reviewed historical aerial photographs provided by EDR. The general type of activity on a property and land use changes can often be discerned from the type and layout of structures visible in the photographs. However, specific elements of a facility's operation usually cannot be discerned from aerial photographs alone. The following table summarizes Stantec's observations of the reviewed historical aerial photographs. Copies of the historical aerial photographs are provided in Appendix E.

Year	Scale	Observations of Subject Property and Adjoining/Nearby Properties
1938 1946 1952 1963 1967	1"=500'	The Subject Property and adjoining properties are undeveloped land. A creek appears to transect the Subject Property. A road transects the Subject Property by 1963.
1972 1974 1981	1"=500'	The Subject Property and adjoining properties are depicted as undeveloped land.
1989	1"=500'	The Subject Property is depicted with a commercial building and parking lot in its present-day configuration and bound by roads to the north and west. Commercial buildings are depicted adjoining east, south and southeast. Undeveloped land is depicted adjoining to the north and west.
1994 2002 2005	1"=500'	The Subject Property and adjoining properties to the east and south appear similar to the 1989 aerial. The adjoining north property appears to be under construction. Commercial buildings are depicted adjoining west. A golf course is depicted adjoining north and a park to the northwest by 2002.
2010 2014 2018 2022	1"=500'	The Subject Property and adjoining properties to the east, west and south appear similar to the 2005 aerial. Residential development is depicted adjoining north. The vicinity is densely developed.

Name of aerial photograph source: The EDR Aerial Photo Decade Package

3.4.3 City Directories

Stantec retained a third party to research available city directories for the Subject Property and adjoining and nearby properties, in approximately five-year intervals. Copies of the city directory listings are provided in Appendix E. The following is a summary of Stantec's review of the city directory listings:

Subject/Adjoining Properties	Year	Listed Occupants
Subject Property Address: 15 Argonaut	2020-1992	Commercial/industrial
Adjoining North Address: 64 Anacapa Lane	--	No Listing
Adjoining North Address: 75 Anacapa Lane	--	No Listing
Adjoining East Address: 7 Argonaut	2020-1992	Commercial/industrial
Adjoining Southeast Address: 8 Argonaut	2020-1992	Commercial
Adjoining South Address: 21 Argonaut	2020-1992	Commercial/industrial
Adjoining West Address: 23002 Aliso Creek Road	2020	Restaurant
Adjoining West Address: 23022 Aliso Creek Road	2020-1992	Fuel Station

Name of city directories and source: EDR City Directory

3.4.4 Historical Fire Insurance Maps

Fire insurance maps were developed for use by insurance companies to depict facilities, properties, and their uses for many locations throughout the United States. These maps provide information on the history of prior land use and are useful in assessing whether there may be potential environmental contamination on or near the Subject Property. These maps, which have been periodically updated since the late 19th century, often provide valuable insight into historical Subject Property and adjoining and nearby property uses.

Stantec requested fire insurance maps from EDR; however, no coverage exists for the Subject Property. The Sanborn® Map Search Report indicating "no coverage" is presented in Appendix E.

3.4.5 Historical Topographic Maps

Stantec reviewed historical USGS 7.5-minute Topographic Maps of the San Juan Capistrano and Laguna Beach, California Quadrangles (scale 1:24,000), the historical USGS 15-minute Topographic Maps of the Santa Ana and Santiago Peak, California Quadrangles (scale 1:50,000), and the historical USGS 30-minute Topographic Maps of the Corona, California Quadrangles (scale 1:125,000) to help identify past

Subject Property and adjoining and nearby property usage and areas of potential environmental concern. Copies of the historical maps are provided in Appendix E.

The following table summarizes the maps reviewed and our observations.

Year	Scale	Observations of Subject Property and Adjoining/Nearby Properties
1902 1942 1948 1949 1965 1974 1981	1:125,000 1:50,000 1:24,000	The Subject Property and adjoining properties are depicted as undeveloped land. The vicinity appears to be largely vacant/undeveloped.
2012 2015 2018 2022	1:24,000	Structures/features are not depicted on the map.

Name of maps and source: The EDR Historical Topographic Map Report

3.4.6 Other Historical Sources

No other historical sources were researched.

4 Site Reconnaissance

A site reconnaissance of the Subject Property and its vicinity was conducted by Mitchell Bohn on July 10, 2025. Access to the Subject Property was provided by Patrick Barnes of Avison Young. Stantec was unaccompanied during the site reconnaissance. Figure 2 provides information about the Subject Property and adjoining sites and the location of potential areas of environmental concern. Photographs collected during the site reconnaissance are included in **Appendix A**.

4.1 Site Reconnaissance Methodology

The site reconnaissance focused on observation of current conditions and observable indications of past uses and conditions of the Subject Property that may indicate the presence of RECs. The site reconnaissance of the Subject Property was conducted on foot and Stantec utilized the following methodology to observe the Subject Property:

- Traverse the outer Subject Property boundary
- Traverse transects across the Subject Property
- Traverse the periphery of structures on the Subject Property
- Visually observe accessible interior areas expected to be used by occupants or the public maintenance and repair areas, utility areas, and a representative sample of occupied spaces

Weather conditions during the site reconnaissance of the Subject Property were clear and sunny. There were no weather-related Subject Property access restrictions encountered during the reconnaissance visit.

4.2 General Description

Observations	Description
Subject Property and Area Description:	The Subject Property is a former Ambry Genetics commercial property located in a commercial/mixed use zone west of Argonaut and to the southeast corner of Glenwood Dr., and east of Aliso Creek Rd. in the City of Aliso Viejo, County of Orange, California.
Subject Property Operations:	The Subject Property is vacant. No operations were observed at the time of the site reconnaissance. The structure on the Subject Property appears to have been under demolition or renovation based on the interior condition of the structure.
Structures, Roads, Other Improvements:	A single two story commercial/mixed use occupies the center of the Subject Property. Asphalt parking areas are located around the building. The north and west landscaped areas rise from the asphalt parking elevation to street grade (~30 feet rise in elevation).
Subject Property Size (acres):	~4.41 acres.

Observations	Description
Estimated % of Subject Property Covered by Buildings and/or Pavement:	~50%
Observed Current Subject Property Use/Operations:	The Subject Property is vacant. No operations were observed at the time of the site reconnaissance.
Observed Evidence of Past Subject Property Use(s):	Ambry Genetics: genetics, clinical genomic diagnostics.
Sewage Disposal Method (and age):	South Orange County (age unknown).
Potable Water Source:	Moulton Niguel Water District.
Electric and Natural Gas Utilities:	Southern California Edison, Southern California Gas Company.

4.3 Hazardous Substances and Petroleum Products

The following table summarizes Stantec's observations during the Subject Property reconnaissance.

Observations	Description/Location
Hazardous Substances and Petroleum Products as Defined by CERCLA 42 U.S.C. § 9601(14) with identified uses:	None observed.
Drums/Totes/Intermediate Bulk Containers (≥ 5 gallons):	None observed.
Strong, Pungent, or Noxious Odors:	None detected.
Pools of Liquid:	None observed.
Unidentified Substance Containers:	None observed.
Polychlorinated biphenyl (PCB)-Containing Equipment:	One pad mounted transformer is located at the north end of the Subject Property structure. The transformer is in good condition with no visible signs of damage or leaking.
Other Observed Evidence of Hazardous Substances or Petroleum Products:	None observed.

4.4 Interior Observations

Stantec made the following observations during the site reconnaissance of the building interiors at the Subject Property and/or identified the following information during the interview or records review portions of the assessment.

Observations	Description
Heating/Cooling Method:	Electrical HVAC units are located on the roof and in three ground mounted compounds around the structure.
Surface Stains or Corrosion:	None observed.
Floor Drains and Sumps:	Floor drains were observed on the ground floor of the structure in the kitchen/breakroom and bathrooms. No staining or corrosion was observed in or around these features.
Other Interior Observations:	None observed.

4.5 Exterior Observations

Stantec made the following observations during the site reconnaissance of exterior areas of the Subject Property and/or identified the following information during the interview or records review portions of the assessment.

Observations	Description
On-site Pits, Ponds, or Lagoons:	None observed.
Stained Soil or Pavement:	None observed. Note that the parking lot has been recently resurfaced.
Stressed Vegetation:	None observed.
Waste Streams and Waste Collection Areas:	The Subject Property is vacant. No waste observed.
Solid Waste Disposal:	Two concrete trash enclosures were observed during the site reconnaissance. Only one enclosure contained a trash bin from CR&R Disposal.
Potential Areas of Fill Placement:	No mounds, piles, or depressions suggesting the placement of fill material were observed on the Subject Property.
Wastewater:	No exterior wastewater discharge was observed.
Stormwater:	Stormwater is anticipated to flow from across the Subject Property to swales and/or gutters in the asphalt parking lot, thence to Argonaut.
Wells:	No wells were observed.
Septic Systems:	No visible evidence of the existence of a septic system was observed.
Other Exterior Observations:	None observed.

4.6 Underground Storage Tanks/Structures

Observations	Description
Existing USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface patches) that would indicate the presence of USTs was discovered during the site reconnaissance.
Former USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface patches), reports, or other evidence of the former presence of USTs was discovered during this Phase I ESA.
Other Underground Structures:	None observed.

4.7 Aboveground Storage Tanks

Observations	Description
Existing ASTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains) that would indicate the presence of ASTs was discovered during the site reconnaissance.
Former ASTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), reports, or other evidence of the former presence of ASTs was discovered during this Phase I ESA.

4.8 Adjoining Properties

4.8.1 Current Uses of Adjoining Properties

As viewed from the Subject Property and/or from public rights-of-way, Stantec made the following observations about use and activities on adjoining sites.

NORTH	Glenwood Dr. followed by residential homes.
EAST	Ambry Genetics, 7 Argonaut, commercial property.
SOUTH	Warehouse, commercial, 21 Argonaut.
WEST	Aliso Creek Rd followed by Chevron fuel station (23022 Aliso Creek Rd.), followed by Glenwood Aliso Creek Auto Repair (22932 Glenwood Dr.). Due to the proximity of the adjoining fuel station to the Subject Property (<1/8 mile) and the up-slope location in relation to the Subject Property, Stantec recommends a Phase II Environmental Investigation for potential soil and soil vapor impact to the Subject Property.

Refer to Figure 2.

4.8.2 Observed Evidence of Past Uses of Adjoining Properties

No indications of past use of the adjoining properties were observed.

4.8.3 Pits, Ponds, or Lagoons on Adjoining Properties

Pits, ponds, or lagoons were not observed on the adjoining properties.

4.9 Observed Physical Setting

Observations	Description
Topography of the Subject Property and Surrounding Area:	The Subject Property is generally gently sloped from northwest to southeast excluding the landscaped areas to the north and west of the asphalt parking areas. These are steeply sloped with approximately 1:2 from parking lot grade to street grade.

5 Evaluation

This section provides a summary overview of findings, opinions, and conclusions.

5.1 Findings and Opinions

Information gathered from interviews, reviews of existing data, and an inspection was evaluated to determine if RECs are present in connection with the Subject Property. Based on this information, Stantec made the following findings and developed the following opinions.

- The Subject Property consists of approximately 4.35 acres of land associated with Assessor's Parcel Numbers (APNs) 623-093-10 and 623-093-11, and the address of 15 Argonaut, Aliso Viejo, Orange County, California.

  According to records obtained through Environmental Data Resources (EDR), the Subject Property appears to have been vacant from at least the 1930s to 1980s and was commercially developed with one structure and asphalt parking lot by 1989 in its present-day configuration. No evidence of historical agricultural use was identified on the Subject Property.

- A west-adjoining fuel station located at 23022 Aliso Creek Road is listed as a gasoline service station since 1996 that reportedly houses three active USTs installed between 2004 and 2016. The USTs range from 10,000 to 20,000 gallons in size and contain diesel, regular and premium unleaded fuel. A minor spill of two gallons of fuel was reported in 2018 due to a vehicle overfill onto concrete. The spill was cleaned by onsite personnel. The site received permit-related violations between 2014 and 2016 which were returned to compliance. No releases are reported at the site. Given the proximity of the fuel station to the Subject Property, and no documented assessment of soil, soil vapor, or groundwater at the site, as well as inferred groundwater flow to the east, this site represents a potential VEC and is considered a REC for the Subject Property.

  Stantec recommends a Phase II subsurface investigation to address potential subsurface impacts related to the west-adjoining fuel station.

- The Subject Property building was constructed in the 1980s. Given the age of construction, asbestos-containing materials (ACMs) and lead-based paint (LBP) may be present in building materials. Additionally, an asphalt parking lot is present on the Subject Property. Petromat is a stress-absorbing fabric often associated with asphalt, and it sometimes contains asbestos.

  Stantec recommends an ACM, LBP and Petromat survey be conducted prior to renovation or demolition in accordance with applicable local and federal regulations.

5.2 Data Gaps

The Federal AAI final rule [40 CFR 312.10(a)] and ASTM E1527-21 identify a "data gap" as the lack or inability to obtain information required by the standards and practices of the rule despite good faith efforts by the EP or the User.

Any data gaps resulting from the Phase I ESA described in this report are listed and discussed below.

Gap	Discussion
Deletions or Exceptions from Scope of Work Referenced in Section 1.4:	None.
Weather-Related Restrictions to Site Reconnaissance:	None.
Facility Access Restrictions to Site Reconnaissance:	None.
Other Site Reconnaissance Restrictions:	None.
Data Gaps from Environmental Records Review:	None.
Data Gaps from Historical Records Review:	Historical records for the Subject Property were not available in five-year increments. These are considered to be data gaps; however, based on available historical records and consistent land use, they do not appear to change the conclusions of this report.
Data Gaps from Interviews:	No on-site interview was conducted. Given the historical documentation available, the lack of an on-site interview is not considered a significant data gap and is unlikely to impact the findings of the report.
Other Data Gaps:	To date, some agency responses have not been received; however, this is not expected to impact the EP's ability to identify RECs.

5.3 Conclusions

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-21 of the property located at 15 Argonaut, Aliso Viejo, Orange County, California, or the "Subject Property". Any exceptions to, or deletions from, this practice are described in Section 2.3 of this report. This assessment has revealed the following evidence of recognized environmental conditions (RECs), Controlled RECs (CRECs), and/or significant data gaps in connection with the Subject Property.

- A west-adjoining fuel station located at 23022 Aliso Creek Road is listed as a gasoline service station since 1996 that reportedly houses three active USTs installed between 2004 and 2016. The USTs range from 10,000 to 20,000 gallons in size and contain diesel, regular and premium unleaded fuel. A minor spill of two gallons of fuel was reported in 2018 due to a vehicle overfill onto concrete. The spill was cleaned by onsite personnel. The site received permit-related

violations between 2014 and 2016 which were returned to compliance. No releases are reported at the site. Given the proximity of the fuel station to the Subject Property, and no documented assessment of soil, soil vapor, or groundwater at the site, as well as inferred groundwater flow to the east, this site represents a potential VEC and is considered a REC for the Subject Property.

Stantec recommends a Phase II subsurface investigation to address potential subsurface impacts related to the west-adjoining fuel station.

This assessment has revealed the following items of note in connection with the Subject Property.

- The Subject Property building was constructed in the 1980s. Given the age of construction, asbestos-containing materials (ACMs) and lead-based paint (LBP) may be present in building materials. Additionally, an asphalt parking lot is present on the Subject Property. Petromat is a stress-absorbing fabric often associated with asphalt, and it sometimes contains asbestos. Stantec recommends an ACM, LBP and Petromat survey be conducted prior to renovation or demolition in accordance with applicable local and federal regulations.

6 Non-Scope Considerations

The following ASTM E1527-13 non-scope services were performed as part of this Phase I ESA:

6.1 Lead-Based Paint

Concern for LBP is primarily related to residential structures. The EPA's Final Rule on Disclosure of Lead-Based Paint in Housing (40 CFR Part 745) defines LBP as paint or other surface coatings that contain lead equal to or in excess of 1.0 milligram per square centimeter or 0.5 percent by weight.

The risk of lead toxicity in LBP varies based upon the condition of the paint and the year of its application. The U.S. Department of Housing and Urban Development (HUD) has identified the following risk factors:

- The age of the dwelling as follows:
  - Maximum risk is from paint applied before 1950.
  - There is severe risk from paint applied before 1960.
  - There is moderate risk from deteriorated paint applied before 1970.
  - There is slight risk from the paint that is intact but applied before 1977.
- The condition of the painted surfaces.
- The presence of children and certain types of households in the building.
- Previously reported cases of lead poisoning in the building or area.

The Subject Property was developed in the 1980s; therefore, the potential for LBP is considered possible. Stantec recommends an LBP survey prior to redevelopment.

6.2 Asbestos

Asbestos can be found in many applications, including sprayed-on or blanket-type insulation, pipe wraps, mastics, floor and ceiling tiles, wallboard, mortar, roofing materials, and a variety of other materials commonly used in construction. The greatest asbestos-related human health risks are associated with friable asbestos, which is ACM that can be reduced to powder by hand pressure. Friable asbestos can become airborne and inhaled, which has been associated with specific types of respiratory disease. The manufacturing and use of asbestos in most building products was curtailed during the late 1970s.

The Subject Property was developed in the 1980s; therefore, the potential for ACMs is considered possible. Stantec recommends an ACM survey prior to redevelopment.

6.3 Radon

Radon is a colorless, tasteless radioactive gas with an EPA-specified action level of 4.0 PicoCuries per liter of air (pCi/L) for residential properties. Radon gas has a very short half-life of 3.8 days. The health risk potential of radon is primarily associated with its rate of accumulation within confined areas near or in the ground, such as basements, where vapors can readily transfer to indoor air from the ground through



foundation cracks or other pathways. Large, adequately ventilated rooms generally present limited risk for radon exposure. The radon concentrations in buildings and homes depend on many factors, including soil types, temperature, barometric pressure, and building construction (EPA, 1993).

Stantec reviewed regional data published by the EPA on average indoor radon concentrations in the vicinity of the Property (http://www.epa.gov/radon/zonemap.html).

EPA Radon Zones (w/Average Measured Indoor Radon concentrations)		
Zone 1 – High (>4.0 pCi/L)	Zone 2 – Moderate (2 to 4 pCi/L)	Zone 3 – Low (<2 pCi/L)
		X
Normally occupied sub grade areas present? (i.e., basement apartments, offices, stores, etc.)		
No subgrade areas currently occupied at the Subject Property.		

The Subject Property is located in Zone 3 and is considered to have a low potential for radon. To determine Subject Property-specific radon levels, a radon survey would have to be conducted. However, because the Subject Property does not have any occupied subgrade areas and is planned for redevelopment, further investigation of indoor radon issues does not appear to be warranted.

6.4 Flood Zones

According to the Physical Setting summary portion of the EDR report, the Subject Property is not located within a 0.2% Annual Chance Flood Hazard Zone.

7 References

ASTM International. 2021. *Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process, Designation: E 1527-21*.

ASTM International. 2022. *Standard Guide for Vapor Encroachment Screening on Subject Property Involved in Real Estate Transactions, Designation E 2600-22*.

California Department of Toxic Substances Control, 2025, EnviroStor.

California Department of Water Resources (DWR), 2018. California's Groundwater Bulletin 118: Coastal Plain of Los Angeles Groundwater Basin, West Coast Subbasin.

California State Department of Water Resources Control Board, 2025, GeoTracker.

California State Department of Water Resources SGMA Portal (SGMA), 2025, GeoTracker.

EMG, 2016. *Phase I Environmental Site Assessment: 15 Argonaut, Aliso Viejo, California. 92656.* October 30.

Environmental Data Resources, Inc. (EDR), EDR Radius Map with Geocheck, Inquiry Number 8037570.2s, dated July 3, 2025.

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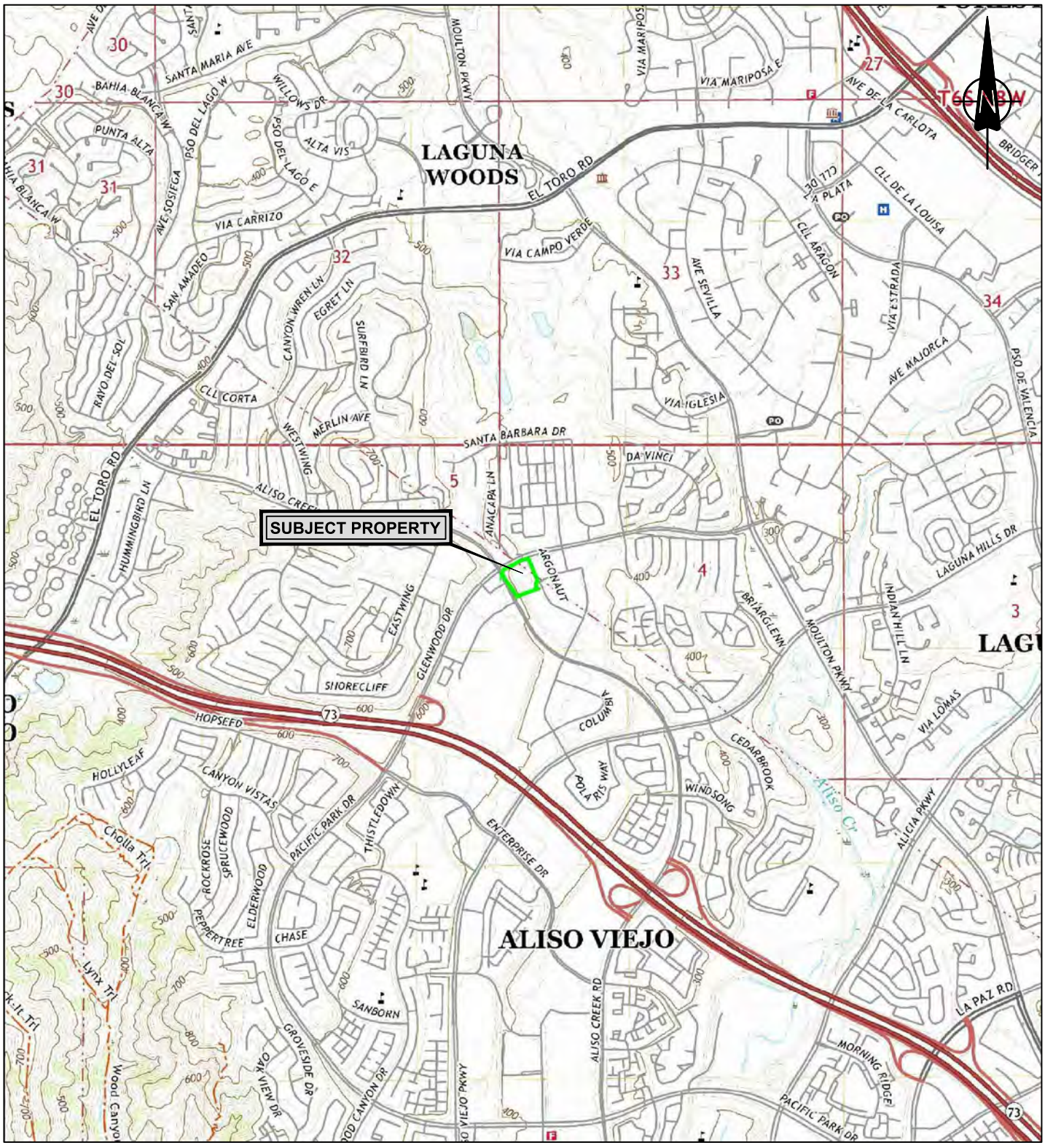
_____, Historical Topographic Map Report, Inquiry Number 8037570.4, dated July 3, 2025.

_____, Aerial Photo Decade Package, Inquiry Number 8037570.8, dated July 3, 2025.

_____, City Directory Abstract, Inquiry Number 8037570.5 dated July 3, 2025.

Orange County Water District, 2018. *Integrated Regional Water Management Plan for South Orange County.* May.

Figures



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APPENDIX A

Photographs of the Subject Property and Vicinity

Stantec

Photographic Log

Client:	**Brandywine Homes**	**Project:**	**185807004**
Site Name:	**Brandywine-Aliso Viejo**	**Site Location:**	**15 Argonaut, Aliso Viejo, California**

Photograph ID: 1

Photo Location:
Southeast corner of the Subject Property.

Direction:
WSW

Survey Date:
7/10/2025

Comments:
View along the southern property line (PL) toward Aliso Creek Rd and adjacent commercial properties.



Photograph ID: 2

Photo Location:
Southeast corner of the Subject Property.

Direction:
NW

Survey Date:
7/10/2025

Comments:
Subject Property overview.



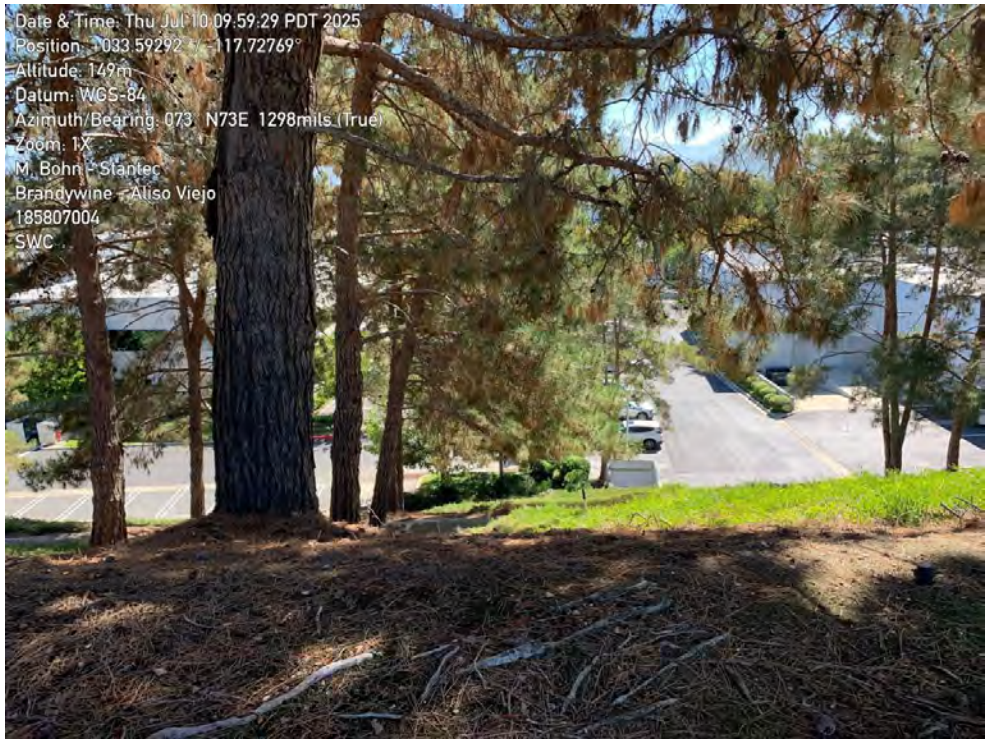
Client:	**Brandywine Homes**	**Project:**	**185807004**
Site Name:	**Brandywine-Aliso Viejo**	**Site Location:**	**15 Argonaut, Aliso Viejo, California**

Photograph ID: 3 **Photo Location:** Southeast corner of the Subject Property. **Direction:** N **Survey Date:** 7/10/2025 **Comments:** View along the eastern PL toward Glenwood Dr. and adjacent commercial property.	
Photograph ID: 4 **Photo Location:** Southwest corner of the Subject Property. **Direction:** NNW **Survey Date:** 7/10/2025 **Comments:** View along the western PL and adjacent Aliso Creek Rd. toward Glenwood Dr. Businesses across Aliso Creek Rd. consist of a gas station and auto repair facility.	

Client:	**Brandywine Homes**	**Project:**	**185807004**
Site Name:	**Brandywine-Aliso Viejo**	**Site Location:**	**15 Argonaut, Aliso Viejo, California**

Photograph ID: 5 **Photo Location:** Southwest corner of the Subject Property. **Direction:** NE **Survey Date:** 7/10/2025 **Comments:** Subject Property overview. Note that this portion of the Subject Property is approximately 30 feet above the structure grade.	
Photograph ID: 6 **Photo Location:** Southwest corner of the Subject Property. **Direction:** ENE **Survey Date:** 7/10/2025 **Comments:** View along the southern PL toward Argonaut and further by commercial properties.	

Client:	**Brandywine Homes**	**Project:**	**185807004**
Site Name:	**Brandywine-Aliso Viejo**	**Site Location:**	**15 Argonaut, Aliso Viejo, California**

Photograph ID: 7	
Photo Location: Near the southwest corner of the Subject Property.	
Direction: ENE	
Survey Date: 7/10/2025	
Comments: Additional view along southern PL to provide perspective of the terrain for the Subject Property.	

Photograph ID: 8	
Photo Location: Northwest corner of the Subject Property.	
Direction: ENE	
Survey Date: 7/10/2025	
Comments: View along the northern PL and adjacent Glenwood Dr.	

Client:	**Brandywine Homes**	**Project:**	**185807004**
Site Name:	**Brandywine-Aliso Viejo**	**Site Location:**	**15 Argonaut, Aliso Viejo, California**

Photograph ID: 9 **Photo Location:** Northwest corner of the Subject Property. **Direction:** ESE **Survey Date:** 7/10/2025 **Comments:** Subject Property overview. Note from this perspective, the top of the Subject Property structure can be seen.	
Photograph ID: 10 **Photo Location:** Northwest corner of the Subject Property. **Direction:** SSE **Survey Date:** 7/10/2025 **Comments:** View along the western PL. Note the Chevron gas station to the right of the image.	

Client:	**Brandywine Homes**	**Project:**	**185807004**
Site Name:	**Brandywine-Aliso Viejo**	**Site Location:**	**15 Argonaut, Aliso Viejo, California**

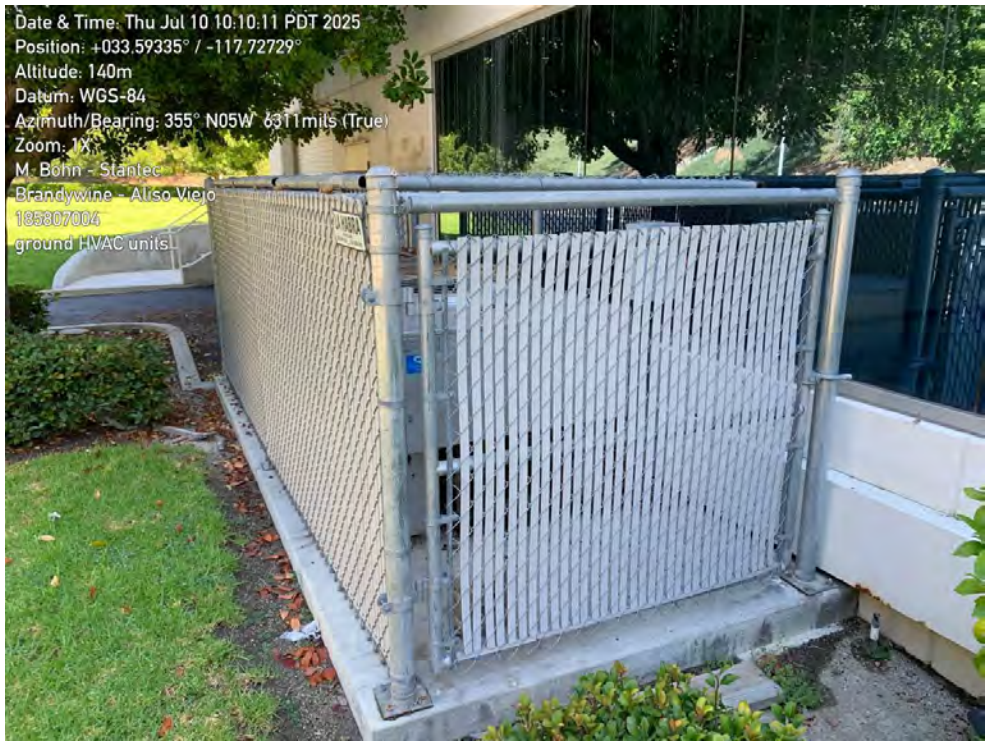
Photograph ID: 11 **Photo Location:** Northeast corner of the Subject Property. **Direction:** SSE **Survey Date:** 7/10/2025 **Comments:** View along the eastern PL toward Argonaut.	
Photograph ID: 12 **Photo Location:** Northeast corner of the Subject Property. **Direction:** S **Survey Date:** 7/10/2025 **Comments:** Subject Property overview.	

Client:	**Brandywine Homes**	**Project:**	**185807004**
Site Name:	**Brandywine-Aliso Viejo**	**Site Location:**	**15 Argonaut, Aliso Viejo, California**

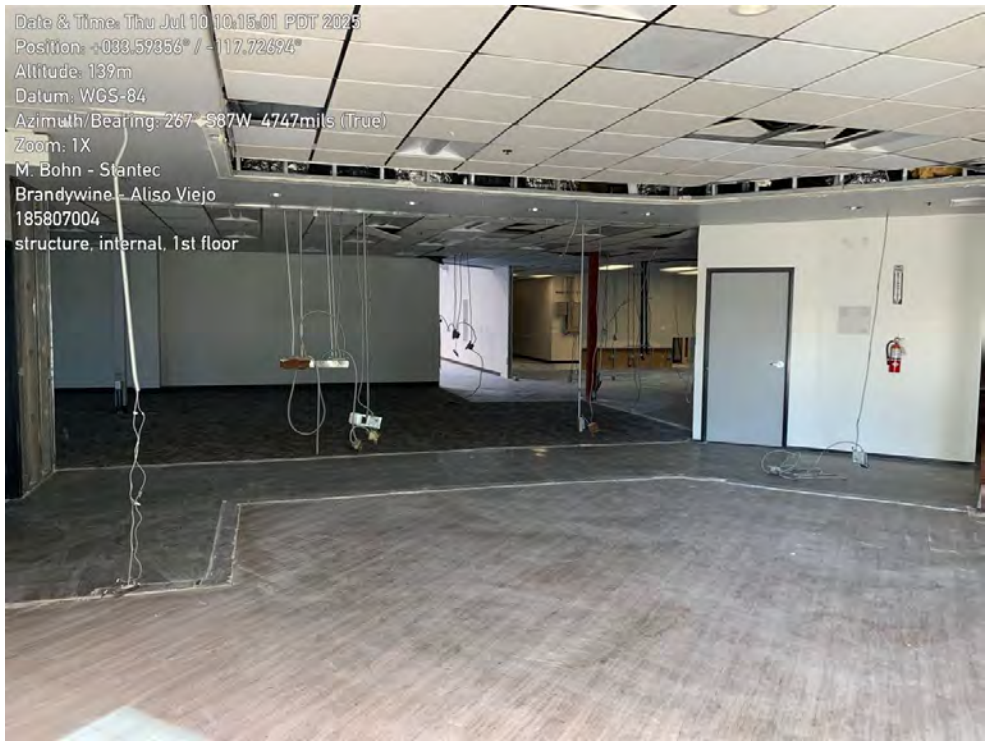
Photograph ID: 13 **Photo Location:** Northeast corner of the Subject Property. **Direction:** WSW **Survey Date:** 7/10/2025 **Comments:** View along the northern PL and adjacent Glenwood Dr.	
Photograph ID: 14 **Photo Location:** Near the northern extent of the Subject Property structure. **Direction:** S **Survey Date:** 7/10/2025 **Comments:** Pad mounted transformer.	

Client:	**Brandywine Homes**	**Project:**	**185807004**
Site Name:	**Brandywine-Aliso Viejo**	**Site Location:**	**15 Argonaut, Aliso Viejo, California**

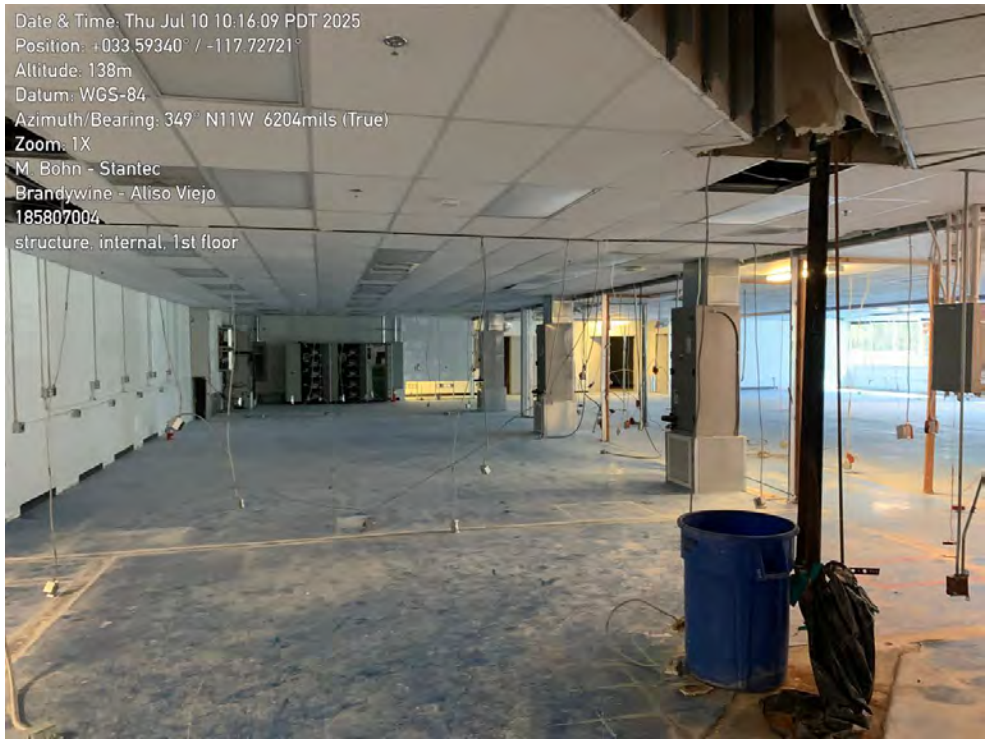
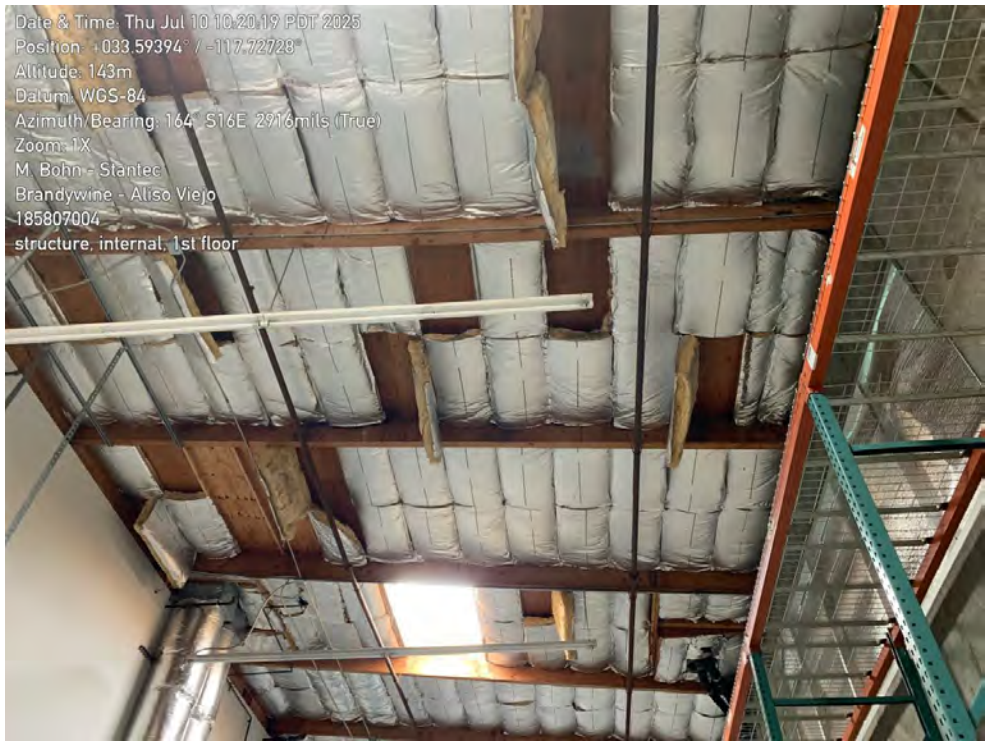
Photograph ID: 15	
Photo Location: Near the northern extent of the Subject Property structure.	
Direction: S	
Survey Date: 7/10/2025	
Comments: Trash enclosure.	

Photograph ID: 16	
Photo Location: Near the southwestern corner of the Subject Property structure.	
Direction: N	
Survey Date: 7/10/2025	
Comments: Ground mounted HVAC units (one of three enclosures around the structure).	

Client:	**Brandywine Homes**	**Project:**	**185807004**
Site Name:	**Brandywine-Aliso Viejo**	**Site Location:**	**15 Argonaut, Aliso Viejo, California**

Photograph ID: 17 **Photo Location:** Near the southwestern corner of the Subject Property structure. **Direction:** NE **Survey Date:** 7/10/2025 **Comments:** Trash enclosure.	
Photograph ID: 18 **Photo Location:** Interior, ground floor entrance, southeast. **Direction:** W **Survey Date:** 7/10/2025 **Comments:** Evidence of renovation or demolition of the structure interior.	

Client:	**Brandywine Homes**	**Project:**	**185807004**
Site Name:	**Brandywine-Aliso Viejo**	**Site Location:**	**15 Argonaut, Aliso Viejo, California**

Photograph ID: 19 **Photo Location:** Interior, ground floor, work spaces/offices. **Direction:** N **Survey Date:** 7/10/2025 **Comments:** Former workspace area.	
Photograph ID: 20 **Photo Location:** Example roof construction. **Direction:** SSE **Survey Date:** 7/10/2025 **Comments:** Viewed from interior of a former wearhouse located at the northwest corner of the structure; wood/steel/rolled tar.	

Client:	**Brandywine Homes**	**Project:**	**185807004**
Site Name:	**Brandywine-Aliso Viejo**	**Site Location:**	**15 Argonaut, Aliso Viejo, California**

Photograph ID: 21

Photo Location:
Interior, 2nd floor, offices.

Direction:
S

Survey Date:
7/10/2025

Comments:
Office spaces either under construction or demolition.



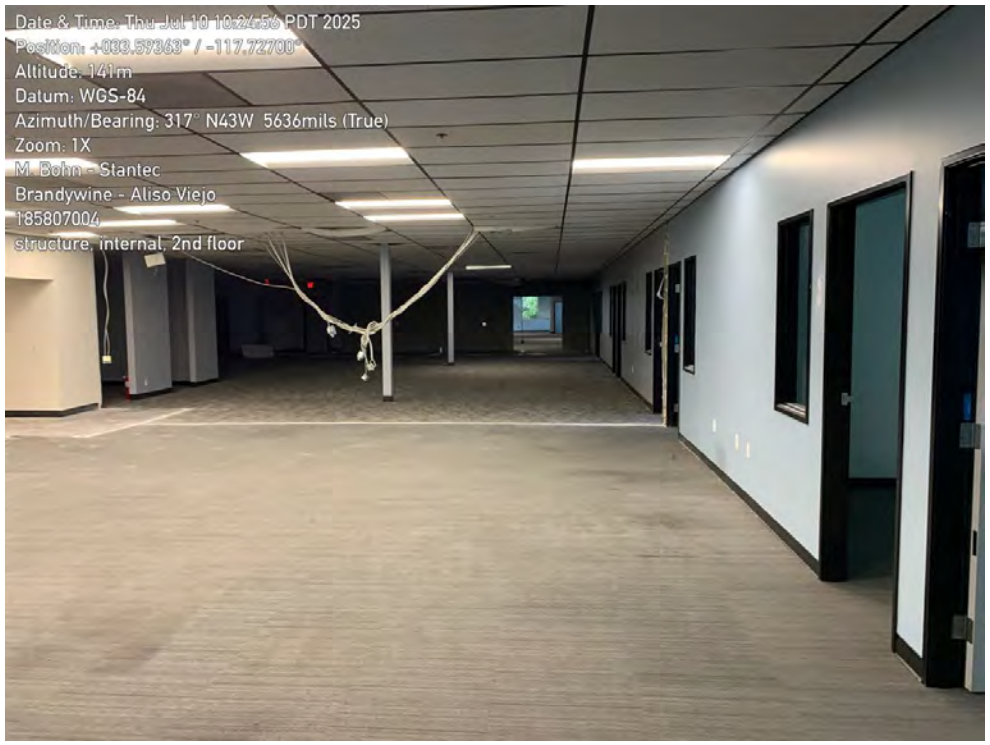
Photograph ID: 22

Photo Location:
Interior, 2nd floor, offices.

Direction:
NW

Survey Date:
7/10/2025

Comments:
Additional office across the 2nd floor of the structure.



APPENDIX B

Stantec Resumes

Jenny Alvarado

Project Biologist

13 years of experience · Ventura CA, California

A wildlife biologist who specializes in the avian and botanical fields, Jenny performs threatened and endangered species surveys, protocol nesting bird surveys, biological resource assessments, habitat characterization surveys, and restoration monitoring across Southern California. Jenny has prepared permit applications for CDFG Streambed Alteration Agreements (CDFG Section 1600), Regional Water Quality Control Board Water Quality Certifications (Clean Water Act Section 401), and U.S. Army Corps of Engineers Permits (Clean Water Act Section 404). Jenny is also experienced with California Environmental Quality Act and National Environmental Policy Act compliance. Although her background is mainly avian biology, she has experience identifying mammals, reptiles, and aquatic species. She performs compliance monitoring for a wide array of clients, including Southern California Gas Company, Plains All American Pipeline, and Caltrans. She assists in preparing Initial Studies, Mitigated Negative Declarations, Environmental Assessments, and Environmental Impact Reports for a variety of land uses. Additionally, she has experience assisting with asbestos and lead building surveys in California and Hawaii.

EDUCATION

Ecology, Zoology, Ornithology, Santa Barbra City College, Santa Barbara, California, 2011

BA, Physical Anthropology, University of California, Santa Barbra, Santa Barbara, California, 2008

AA, Liberal Arts, Ventura College, Ventura, California, 2005

CERTIFICATIONS & TRAINING

Asbestos Building Inspector Initial, Natec International, Inc., Thousand Oaks, California, 2016

Asbestos 40-Hr Contractor/Supervisor, Natec International, Inc., Thousand Oaks, California, 2016

CPR and First Aid Certification, American Red Cross, Port Hueneme, California, 2015

California Plant Family Identification Workshop, California Native Plant Society, Ojai, California, 2015

40-Hr HAZWOPER, OSHA, Temecula, California, 2015

Desert Tortoise Field Techniques Workshop, Desert Tortoise Council, Ridgecrest, California, 2014

Metrolink Contractor Safety Railroad Training, Metrolink, Pico Rivera, California, 2014

10-Hr Industrial Safety Training, OSHA, Ventura, California, 2014

REGISTRATIONS

Certified Erosion, Sediment and Storm Water Inspector #1586, Certified Inspector of Sediment and Erosion Control

Certified Erosion, Sediment and Storm Water Inspector #1586, CISEC, Inc., 6/30/2018

PROJECT EXPERIENCE

WILDLIFE BIOLOGY

Los Angeles County Beaches and Harbors Beach Berm Construction* | Los Angeles County, California | Snowy Plover Monitor

Jenny conducted snowy plover monitoring on five Los Angeles County beaches during berm construction and deconstruction. Daily monitoring reports were submitted to the County.

United Water District, Least Tern Surveys* | United Water Conservation District | Saticoy, California | Biologist

Jenny conducted weekly least tern surveys over two nesting seasons at the United Water facility. She drafted the final results report for the District.

McGrath State Beach Tidewater Goby and Water Quality Monitoring* | California Department of Fish and Wildlife | Ventura, California | Biologist

Jenny conducted daily tidewater goby sein netting surveys and relocation for an emergency construction project in the Santa Clara River estuary. She also performed daily water quality sampling and invasive species removal.

Ormond Beach Snowy Plover and Least Tern Surveys* | California Department of Fish and Wildlife | Ventura, California | Biologist

Jenny conducted protocol nesting bird surveys for the snowy plover and least tern within protected enclosures. Nesting behaviors, nest location, and young were tracked, documented and monitored throughout the nesting season.

California State University Channel Islands, Least Bell's Vireo Surveys* | California State University Channel Islands | Camarillo, California | Biologist

Jenny conducted least Bell's vireo surveys on the CSUCI campus for one nesting season, and assisted in preparation of final reporting.

** denotes projects completed with other firms*

Special-Status Species Surveys* | Recurrent Energy | Kern County, California | Biologist

Jenny conducted desert tortoise, burrowing owl and kit fox surveys for several solar projects across Kern County.

Stantec Architecture, FedEx Construction Site Burrowing Owl Survey | Bloomington, California | Biologist

Jenny performed a pre-construction special status species survey as well as burrowing owl presence/absence surveys in support of a proposed expansion project at a FedEx Ground facility. While conducting the survey, Jenny observed one burrowing owl within the proposed project area and helped coordinate additional protocol surveys in accordance with the project's mitigation requirements.

Luis Oasis Senior Center, Biological Constraints Analysis | Orcutt, California | Biologist

Jenny performed a field reconnaissance survey to document existing site conditions, the potential for sensitive biological resources, and took an inventory of protected native trees. Jenny also drafted the Biological Constraints Analysis Report for the project.

Town Building and Development, ISBA | Ventura County, California | Biologist

Jenny performed a field reconnaissance survey and prepared an ISBA to document existing habitat conditions and the potential for sensitive biological resources in accordance with County of Ventura ISBA requirements.

Algonquin Power, SKIC 10 Solar Project San Joaquin Kit Fox, Burrowing Owl, Nesting Bird and Wildlife Clearance Surveys | Bakersfield, California | Biologist

Jenny performed San Joaquin kit fox, burrowing owl, nesting bird, and wildlife clearance surveys prior to project construction.

Comstock Homes, Burrowing Owl Surveys | Camarillo, California | Biologist

Jenny prepared a proposal and conducted burrowing owl presence/absence surveys for a residential development project in Camarillo. She also concurrently performed a nesting bird survey of the project area and prepared a report of the results.

ENVIRONMENTAL MONITORING

Pipeline Safety Enhancement Plan* | Southern California Gas Company | Ventura and Los Angeles Counties, California | Lead Environmental Monitor

Jenny conducted environmental monitoring for several gas pipeline replacement projects. She monitored biological resources, storm water and air quality, hazardous waste control, and cultural and archaeological resources, as well as performing water and polychlorinated biphenyl sampling. She also conducted pre-construction surveys, prepared project reports, and compliance monitoring documents.

Caltrans Bridge Replacement Project* | Santa Barbara, California | Biologist

Jenny conducted the biological monitoring for two bridge replacements that required monitoring stream diversion installation and removal. She performed aquatic species surveys, nesting bird surveys, and water diversion as well as general construction compliance monitoring.

Biological Monitoring, Line 63 Pipeline Replacement Project | Plains All American Pipeline Company | Castaic, California | Biologist

Jenny conducted biological and restoration monitoring of a petroleum pipeline replacement within the Angeles National Forest. She conducted sensitive species clearance surveys prior to daily construction activities and monitored habitat restoration and Best Management Practices (BMP) installation.

Plains All American Pipeline Drilling Project | Posey Canyon, Angeles National Forest, California | Biologist

Jenny provided biological resource monitoring, and nesting bird and wildlife surveys for a drilling project in the Angeles National Forest.

Riparian Habitat Assessment, Line 63 Replacement Project | Plains All American Pipeline Company (PAALP) | Santa Clara River, Los Angeles County, California | Biologist

Jenny was approved by CDFW as a qualified biological monitor and conducted environmental compliance monitoring for installation of a pipeline through the Santa Clara River via Horizontal Directional Drilling (HDD). During monitoring of construction activities Jenny also surveyed for potential frac- out during HDD operations.

Carpinteria Sanitary District, Carpinteria Creek Aquatic Species Surveys and Horizontal Direction Drilling (HDD) Monitoring | Carpinteria, California | Biologist

Jenny conducted pre-construction aquatic surveys within Carpinteria Creek for red-legged frog, southwestern pond turtle, tidewater goby, and two-striped garter snake. She also provided biological construction monitoring during HDD construction activities within the creek. Jenny detected a frac-out and was able to prevent any frac-out material from entering Carpinteria Creek by promptly alerting project personnel.

Phillips 66 Pipeline Biological Monitoring Project | Phillip 66 Pipeline LLC | Arroyo Grande, California | Biologist

Jenny conducted environmental compliance monitoring for a 5.6 mile pipeline project that crossed the Arroyo Grande Creek and an additional tributary. The project entailed dewatering a 70- foot section of creek and replacing a portion of pipeline underneath. Jenny also conducted SWPPP inspections for the entire project.

** denotes projects completed with other firms*

STREAM/RIVER RESTORATION

California State University Channel Islands, Restoration Monitoring* | Camarillo, California | Biologist

Jenny conducted quarterly and annual qualitative and quantitative monitoring for a creek restoration site on CSUCI campus. She also prepared quarterly status memos and annual restoration monitoring reports in accordance with agency requirements.

Restoration Monitoring* | City of Santa Barbara | Santa Barbara, California | Biologist

Jenny performed quarterly and annual qualitative and quantitative monitoring for two bridge projects over Mission Creek. She prepared annual restoration monitoring reports in accordance with agency requirements.

BOTANICAL SURVEYS

California State University Channel Islands, Vegetation Mapping* | California State University Channel Islands | Camarillo, California | Biologist

Jenny conducted vegetation habitat mapping on CSUCI campus and prepared survey results reports.

Oak Tree Inventory and Vegetation Mapping* | Confidential | Castaic, California | Biologist

Jenny conducted oak tree inventories for several hundred trees and prepared vegetation habitat maps for three adjacent parcels.

High Speed Rail Special-Status Floral Surveys* | Tehachapi, California | Biologist

Jenny conducted focused, rare plant surveys for a portion of a high-speed rail project through Tehachapi.

NATURAL RESOURCE DAMAGE ASSESSMENT AND OIL SPILL RESPONSE

Habitat Restoration Monitoring, Refugio Oil Spill | Plains All American Pipeline Company | Goleta, California | Biologist

Jenny conducted restoration monitoring and assisted with habitat assessments at multiple sites along the California coast following spill cleanup response efforts.

ASBESTOS, LEAD BASED PAINT, AND HAZARDOUS MATERIAL (MERCURY, PCB) ASSESSMENTS

Asbestos and Lead Surveys | Hawaii | Environmental Scientist

Jenny assisted with asbestos and lead surveys for several multi-story buildings for a confidential client. The surveys included exterior and interior sampling, mapping, and reporting. Additionally, inventories of hazardous materials were taken, including potential mercury and PCB-containing materials.

Asbestos and Lead Surveys | Westlake and Thousand Oaks, California | Environmental Scientist

Jenny assisted with asbestos and lead surveys for several shopping centers for a confidential client. The surveys included exterior and interior sampling, mapping, and reporting. Additionally, inventories of hazardous materials were taken, including potential mercury and PCB-containing materials.

** denotes projects completed with other firms*

PUBLICATIONS & WHITEPAPERS

A VanDwerwarker, J Alvarado, P Webb. *Analysis and Interpretation of Intrasite Variability in Paleoethnobotanical Remains: A Consideration and Application of Methods at the Ravensford Site, North Carolina. In: Method and Theory in Paleoethnobotany.*, 2014.

Alicia Jansen CAC, LRCIA

Senior Scientist
21 years of experience

Alicia is a Senior Scientist with over twenty years of experience in Phase I and II Environmental Assessments, with strong emphasis in water quality and environmental research. Alicia has managed the preparation of environmental documents, training programs, and environmental compliance during large scale environmental monitoring projects. Alicia's environmental consulting experience includes performing asbestos and lead-based paint surveys, oversight of contractors during asbestos abatement, hazardous materials surveys, and Phase I Environmental Site Assessments (ESAs) in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-21 and the Standard Practice for Environmental Site Assessments for Forestland or Rural Property, ASTM Designation E 2247-16.

EDUCATION

BA, Environmental Studies, San Jose State University, San Jose, California, 2004

CERTIFICATIONS & TRAINING

Residential Measurement Provider, 108212, National Radon Proficiency Program, Anaheim, California, 2015

REGISTRATIONS

Certified Asbestos Consultant #CAC #15-5379, State of California Division of Occupational Safety and Health

Lead Inspector/Risk Assessor #LRC-00005363, California Department of Public Health

MEMBERSHIPS

Member, Groundwater Resources Association of California

PROJECT EXPERIENCE

HEALTH, SAFETY & INDUSTRIAL HYGIENE

Cochise County, Asbestos, Lead-Based Paint, and Hazardous Materials Survey | Arizona | Field Lead and Certified Asbestos Consultant

Alicia conducted with site inspections for asbestos, lead-based paint, and hazardous materials at multiple vacant structures including schools, multi-tenant apartment buildings, and commercial structures. The scope of work involved sample collection for asbestos and lead-based paint in addition to the quantification of universal wastes (PCBs, mercury containing equipment, refrigerants, etc.) that would require special handling and disposal. She assisted with the preparation of reports summarizing findings. Role: Field Lead | Dates involved: 2020-2022

Confidential Health Care Company, Asbestos, Lead-Based Paint, and Hazardous Materials Survey | Northern California | Staff

Alicia assisted with site inspections for asbestos, lead-based paint, and hazardous materials at multiple occupied hospitals and office spaces. The scope of work involved sample collection for asbestos and lead-based paint in addition to the quantification of universal wastes (PCBs, mercury containing equipment, refrigerants, etc.) that would require special handling and disposal. She assisted with the preparation of reports summarizing findings. Role: Field Lead | Dates involved: 2013-2020

State of California General Services, Asbestos, Lead-Based Paint, and Hazardous Materials Survey | Northern California | 2009 | Technical Support

Alicia assisted with site inspections for asbestos, lead-based paint, and hazardous materials at multiple communication towers in remote areas. The scope of work involved sample collection for asbestos and lead-based paint in addition to the quantification of universal wastes (PCBs, mercury containing equipment, refrigerants, etc.) that would require special handling and disposal. She assisted with the preparation of reports summarizing findings. Role: Technical Support | Cost: Unknown | Dates involved: 10/2009-10/2009

Indoor Air Quality Assessments* | San Jose, California | 2002-2005 | Staff

Alicia performed site inspections, interviews, and collected air samples to be analyzed for various air pollutants and molds including formaldehyde, penicillium, aspergillus, cladosporium, and stachybotry. She prepared reports summarizing findings and made recommendations.

Veteran's Administration of Puget Sound, Asbestos and Lead-Based Paint Survey | Seattle, Washington | 2009 | Project Scientist

Alicia served as the Project Scientist responsible for hazardous building material assessments, specifically asbestos and lead-based paint. These services were required as part of the pre-design tasks for this project. Over 300 samples were collected over the span of four days culminating in a final hazardous building materials report to be incorporated into the facility design as well as demolition activities once the construction phase of the

** denotes projects completed with other firms*

project commences.

Interim Remedial Action, Indoor Air Sampling, and Sub-Slab Soil Gas Sampling | Sunnyvale, California | 2004–2014 | Task Manager and Field Support

Alicia conducted an indoor air sampling survey using air sampling pumps, dosimeter badges, and flame ionization detector (FID) during a sump excavation. She performs semi-annual sub-slab soil vapor sampling and indoor air quality surveys using summa canisters. She assists with the preparation and submittal of reports summarizing the findings and provides recommendations to the local regulatory agency. Role: Indoor Air Sampling Survey | Cost: Unknown | Dates involved: 09/2004-09/2014

Lead Dust Assessment and Abatement Oversight | Fremont, California | 2009 | Technical Support

Alicia assisted with the evaluation of lead dust in an industrial facility. A total of 307 dust wipe samples were collected in order to evaluate the potential presence of lead dust throughout the two-story, 500,000 square foot manufacturing building. Role: Technical Support | Cost: Unknown | Dates involved: 01/2009-03/2009

Former Tesoro Coke Facility, Asbestos, Lead-Based Paint Survey | Pittsburg, California | Technical Support

Alicia assisted with an asbestos and lead paint survey of 20 structures at the facility ultimately scheduled for demolition. More than 200 samples were collected over the span of two days. She prepared a report for demolition while also providing the information needed for worker safety during demolition activities at the facility. Role: Technical Support | Cost: Unknown | Dates involved: 04/2009-04/2009

State of California General Services, Asbestos and Lead-Based Paint Survey | Southern California | 2014-2019 | Certified Asbestos Consultant

Alicia conducted with site inspections for asbestos and lead-based paint at multiple bridges, maintenance stations, and roadways throughout Southern California. The scope of work involved sample collection for asbestos and lead-based paint that would require special handling and disposal. She assisted with the review and approval of reports summarizing findings. Role: Certified Asbestos Consultant | Cost: Unknown | Dates involved: 9/2014-10/2019

Confidential Client, Asbestos and Lead-Based Paint Survey | Multiple Sites, California | Task Manager and Certified Asbestos Consultant

Alicia conducts pre-demolition asbestos and lead paint surveys of structures ultimately scheduled for demolition. She prepared a report for demolition while also providing the information needed for worker safety during demolition activities at the facility. Role: Task Manager and Certified Asbestos Consultant| Dates involved: 2006 - present

PERMITTING, COMPLIANCE, AUDITING

Tesoro Refinery, Initial Study* | Benicia, California | 2005 | Staff

Alicia assisted with the background research and preparation of applicant-prepared initial study for the upgrade of a refinery.

Transmission Line Upgrade* | San Mateo to San Francisco, California | 2005 | Environmental Research and Compliance Staff

Alicia supported the environmental compliance program for the construction of a 27-mile 230 kV underground and overhead transmission line. She assisted with the preparation and submittal of variance requests, extra work space requests, and daily and weekly reports for submittal to the California Public Utilities Commission. She also conducted research and assisted with training and report preparation.

REMEDIAL INVESTIGATIONS & ASSESSMENTS

California Department of Transportation Portfolio | Multiple Sites, Northern California and Southern California, California | 2008-2019 | Task Lead Manager

Alicia prepared quarterly groundwater monitoring reports, subsurface investigation reports, sensitive receptor surveys, and preferential pathway studies for various California Department of Transportation locations throughout Northern California. She assisted with the utility locating, work plan preparation, field coordination, archived data onto the State Water Resource Control Board's (RWQCB) Geotracker electronic filing system. Alicia currently conducts site inspections for asbestos, lead-based paint, and hazardous materials for bridges, salt barns, and maintenance buildings associated with California Department of Transportation locations throughout Southern California. The scope of work involves sample collection for asbestos and lead-based paint that would require special handling and disposal. She assists with the preparation of reports summarizing findings. Role: Task Lead Manager | Cost: Unknown | Dates involved: 06/2008-02/2019

Soil Gas Sampling and Human Health Risk Assessment | San Jose, California | 2014 | Project Lead

Alicia performed a soil vapor survey in conformance with the DTSC Advisory Active Soil Gas Investigations, using soil vapor sampling devices and a mobile laboratory for onsite chemical analysis. She also assisted with the report preparation summarizing the findings and providing recommendations for further assessment. Role: Task Lead Manager | Cost: Unknown | Dates involved: 2014

Confidential Clients, Phase I Environmental Site Assessments | Multiple Sites, California, Arizona, New Mexico, Texas, Virginia | Task Manager

Alicia performs Phase I Environmental Site Assessments for multiple confidential clients in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13; ASTM E 1527-21; and Standard Practice for Environmental Site Assessments for Forestland or Rural Property, ASTM Designation E 2247-16 to achieve compliance with requirements of the "All Appropriate Inquiries" rule required to obtain protection from liability under the federal Comprehensive Environmental Response, Cleanup and Liability Act (CERCLA). Previous sites include large industrial warehouses, multi-tenant

commercial buildings, large lots of vacant land, and residential properties. She reviews topographic maps, Sanborn Fire Insurance Maps, and files at local regulatory agencies. She interviews present and former property owners and performed site and adjacent property reconnaissance. She prepares reports summarizing the findings and provides recommendations for further assessment if applicable. Role: Task Lead Manager | Cost: $3,000-8,000 per report. | Dates involved: 2006-present

Goodyear Portfolio | California and Hawaii | 2005–2020 | Project Lead

Alicia performed Phase I Environmental Site Assessments (ESA) and Phase II Site Assessments for various Goodyear Tire & Rubber Company locations throughout California and Hawaii. She assisted with the installation of monitoring wells and exploratory borings; underground storage tank removals; site restoration; product removal with passive recovery system; archived data onto the State Water Resource Control Board's Geotracker electronic filing system; and assisted with the preparation of quarterly groundwater monitoring reports, sensitive receptor surveys, site conceptual models, and subsurface investigation reports. Approximately 250 Sites • Cost: $8,000 per site.

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Kyle has more than 28 years of professional experience—17 of those years with Stantec—providing geotechnical and environmental consulting. During the course of his experience, he has been involved with a wide variety of geological and engineering projects. He has been in direct charge of quality control/quality assurance (QA/QC) work for Stantec and previous firms for geological, engineering geological, and environmental services primarily in California. Additionally, Kyle has been a primary contact for Stantec with many different clients (including multi-party actions) and regulatory bodies involving contracting, workplan approvals, site assessments and closures, permitting, remedial action, and litigation support. With regard to litigation services, Kyle has extensive experience providing expert witness testimony, second-party review, and litigation support and analysis.

Kyle's extensive experience includes assessment and remediation of property-specific and regional issues involving soil and groundwater contaminated with petroleum hydrocarbons, chlorinated solvents, heavy metals, pesticides, and PCBs.

He currently serves as the managing principal geologist in Stantec's Redlands, California office.

EDUCATION

Engineering Geology/Hydrogeology, California State University, Los Angeles, California, 1984

AS, General Science, Crafton Hills College, Yucaipa, California, 1975

BS, Geological Sciences, California State University, Long Beach, California, 1982

REGISTRATIONS

Certified Engineering Geologist #1271, State of California Issued 1985, Expires 2011

Professional Geologist #4066, State of California Issued 1985, Expires 2011

PROJECT EXPERIENCE

Bioremediation

Excavation and Treatment of Petroleum-Contaminated Soil

Kyle designed the excavation and treatment of 45,000 cubic yards of petroleum-contaminated soil. Soil treatment included utilizing vapor extraction, combined with bioremediation.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Chemicals & Polymers

Two Former Chemical Plants, Environmental Site Assessments and Remediation, Vernon, California

Mr. Emerson was part of the team for conducting Phase I and Phase II Environmental Site Assessments (ESA) and developing remedial action plans for two former chemical plant sites with 80-year industrial histories. Phase I ESAs used historical files, maps, aerial photographs, available documents, and data from public agencies and historical directories for identifying recognized environmental concerns. Extensive Phase II ESA survey activities aided in identifying below-grade structures such as vaults/USTs, as well as assessing the extent of influence and nature of the contamination. These investigations confirmed the presence of heavy metals, petroleum hydrocarbons, volatile organic compounds, polychlorinated biphenyls, radioactive materials, semi-volatile organic compounds, and polycyclic aromatic compounds in the soils for these sites. Specific areas of concern included former settling ponds, a bone yard, maintenance areas, transformer and substations, wastewater treatment facilities, and above-ground storage tank farms. A conceptual mode was developed for use in a health risk assessment and developed risk-based corrective actions to address potential health and environmental concerns. He assisted with the development and implementation of a remedial action plan, combined administrative controls, engineering controls, and active remediation; this resulted in the cost-effective return of one site to active use, and is reducing health risks to occupants and the public at the second site.

CONFIDENTIAL: Aerospace Adhesives and Coatings Plant, Glendale, California

Mr. Emerson was part of the team that conducted feasibility studies to evaluate remedial alternatives for remediation of chlorinated VOCs, 1,4 dioxane, and hexavalent chromium (CrVI) in soil, soil vapor, and groundwater. Feasibility studies included groundwater pump testing, benchscale column testing to evaluate in situ alternatives for reducing CrVI to the less mobile CrIII valence state, soil vapor extraction, capping, and excavation. Field pilot studies were performed to evaluate the efficiency of various CrVI reductants including the use of ferrous sulfate, calcium polysulfide, emulsified oil, and fructose. Extensive multi-depth soil vapor testing was conducted to evaluate the distribution of VOCs in the subsurface and to support vapor intrusion risk assessment. Feasibility studies were completed in 2008. Remedial actions are expected to be completed in 2011.

Condition Assessments

Assessment and Mitigation of Manufacturing Facility

Kyle managed the assessment and mitigation of an ammunition manufacturing facility covering 1,100 acres in a complex geologic environment. The contaminates involved red and white phosphorous, TNT, chlorinated solvents, solid wastes, and live ordinance.

Soil Contamination Assessment Supervision and Management

Kyle managed and supervised soil contamination assessment and in-situ remediation of heavy metals involving chromium, cadmium, nickel and zinc by chemical fixation to depths in excess of 40 feet below ground surface beneath existing structures within several manufacturing facilities.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Litigation Support and Expert Testimony
Kyle provided litigation support and expert testimony on more than 20 separate projects involving service stations, chlorinated solvent cases, heavy metal, and semi-volatile releases.

Corporate / Office
Commercial Developer - Environmental Remediation of Former Dry Cleaners, El Centro, California
Mr. Emerson was responsible for assessments and remediation at this former dry cleaners which released the dry cleaning chemical tetrachloroethene (PCE) to the ground and underlying groundwater. The work included initial site assessment, agency interaction and negotiations with the California Regional Water Quality Control Board (CRWQCB), and Colorado Basin Region human health risk assessment (HHRA), design and implementation of remedial investigations, feasibility studies, remedial action plans, and implementation of remediation in mitigating chlorinated solvent contamination in vadose and saturated zones at concentrations indicative of DNAPL. The results of the completed remediation, as well as continued confirmation sampling and monitoring, allowed the CRWQCB to issue site closure in 2008. The site has since been redeveloped into a new commercial development.

Environmental Assessments
Siting Studies
Kyle performed initial siting studies for potential Class I, II, and III landfills. The project included detailed geologic mapping, hydrogeological studies, and permeability studies of caps and liners.

Environmental Site Remediation
Assessment and Remedial Design, California (Project Supervisor)
Kyle supervised the assessment and remedial design of a system to eliminate salt brine contamination in shallow perched water horizons in the Yucaipa, San Bernardino, and Riverside areas of southern California.

Design and Installation of Recovery Systems*
Kyle designed and installed numerous free-product recovery systems that successfully recovered product. One of the sites contained product up to 11-feet thick covering more than three city blocks. The dissolved phase had affected a multi-aquifer system and a public drinking water system.

Geophysical Characterizations*
Kyle performed and supervised numerous geophysical characterizations to determine the extent of old landfills. He provided classification studies, landfill gas monitoring, removal verification during grading, methane collection and mitigation plans, permitting, and closure plans.

Domestic Landfill Development*
Kyle designed and supervised the dynamic consolidation of a domestic landfill for development. He used this process to minimize expected settlement to overlying structures. Kyle designed commercial developments on closed landfills that involved complex methane collection and monitoring systems and building settlement controls.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Clay Borrow Site Studies

Kyle performed more than 10 separate clay borrow site studies for determining sources of material to cap landfills; ranged from a 20-acre dry lakebed to a 450-acre parcel in complex folded marine sediments.

Assessment, Clean Up, and Regulatory Support Management, Santa, Monica (Project Manager)

Kyle managed the assessment, clean up, and complex regulatory support of a PRP site in an MTBE case (Charnock subbasin). His work involved more than 20 environmental professionals working full time for two years to complete the assessment and clean up mandated by the regulatory agencies.

Hazardous Waste

San Gabriel Valley Superfund Site, Remediation & Closure of Multiple Source Areas, Industry, California

Mr. Emerson performed feasibility studies to evaluate appropriate and relevant remedial alternatives to mitigate constituents of concern in five AOCs contaminated with chlorinated hydrocarbons, heavy metals, petroleum fuel, and cutting oils. Ultimately, a combination of remedial alternatives was implemented that included large-diameter auger excavation to 45 feet to minimize impacts on facility operations, vapor extraction, vapor intrusion risk assessment, deed restriction, and monitored natural attenuation. At the completion of remedial actions, confirmation soil, soil vapor, and groundwater sampling were conducted and followed with risk assessment to demonstrate that remedial objectives had been achieved. No further action was recently granted by the US EPA and Los Angeles Regional Water Quality Control Board.

Mixed-Use

Port of San Diego Rohr Facility, Chula Vista, California

Mr. Emerson assisted in a detailed subsurface assessment of the Rohr facility. The intent of the assessment was to evaluate the 40-acre former aircraft part manufacturing facility for acquisition by the Port of San Diego for redevelopment into a business park and entertainment complex. The assessment identified the presence of soil, soil vapor, and groundwater impacts by petroleum hydrocarbons, VOCs, heavy metals, PCBs, and semi-volatile organic compounds. He utilized many sampling techniques to assess the limits and concentrations of contaminants in the subsurface. Ultimately, the team was able to develop a cost estimate for potential remedial action cost associated to corrective action to allow redevelopment.

Master Planned Commercial/Residential Redevelopment Project, Whittier, California (Project Manager)

Kyle oversaw the assessment of 26 contiguous properties that are part of a 21-acre master planned commercial/residential redevelopment project. The properties included industrial facilities, platting lines, fuel USTs, and metal processing plants, among others. The estimated cleanup costs are approximately $2 million.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Multi-Unit / Family Residential

Residential Development Assessment, Ventura, California (Project Director)

Kyle directed an assessment of a 40-acre former agricultural property proposed for residential development. Pesticides were identified above hazardous waste levels and preliminary remediation goals established by the U.S. Environmental Protection Agency. Through corrective grading methods and onsite placement of the pesticide impacted soils, all material were re-used on site without offsite disposal. The over all cost savings for the client was more than $1 million. Total cost was less than $250,000 for all necessary activities.

Oil & Gas

Oil Field Site Assessments*

Kyle performed site assessments at oil field leases involving refineries, bulk storage areas, piping systems and wellhead, and drilling mud pit contamination.

Environmental Protection Agency Superfund Action, Culver City, California (Project Manager)

Kyle served as the project manager representing a major oil company in the assessment, remedial action, and litigation support in a multi-party contamination case affecting a City water supply. The assessment involved more than 250 continuous core borings up to 100 feet, as well as extensive remedial actions. The total cost for all related activities was $22 million. The case is settled and the closure of the site is pending.

Project Management

Liability and Property Management Consulting Services

Kyle is providing liability and property management consulting services to more than 10 medium to large property development firms in the US. His work involves property transaction assessments, contract review, acquisition guideline development, liability management evaluation, insurance acquisition, and strategic planning.

Residential Development

Environmental Development Management and Review (Project Manager)

Kyle manages and reviews environmental development issues for a large residential developer specializing in development of contaminated industrial properties by providing innovative solutions in developing contaminated properties for residential use through risk assessment, engineering, and administrative and property development controls.

Site Management and Remediation

Design and Implementation of Biodegradation Programs*, California

Kyle designed and implemented one of the first in-situ biodegradation programs in California; it involved 50,000 cubic yards of diesel-contaminated soils, and groundwater to depths of 70 feet below ground surface.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Soil and Groundwater Remediation Systems

Soil and Groundwater Contamination Assessments and Mitigation*, California (Project Manager)

Kyle managed numerous chlorinated solvent soil and groundwater contamination assessments and mitigation programs in southern California. The projects involved releases that impacted soil and groundwater to depth of groundwater more than 700 feet in multi-aquifer systems. One case involved with plume dimensions more than 1 mile from the source affecting residential properties.

Soil and Groundwater Assessment and Remediation Programs*

Implemented hundreds of soil and groundwater assessment and remediation programs at various service station facilities in Southern and Northern California, and Nevada. Work involved assessment, remedial design, installation, maintenance and monitoring. Closure has been received on a majority of these sites.

Assessment and Remediation Management*

Kyle managed the assessment and remediation of soil and groundwater manufacturing at dry cleaning facilities contaminated with chlorinated solvents.

Warehouse / Light Industrial

Glendale Redevelopment Project, Glendale, California (Project Manager)

Kyle managed the assessment and remedial actions during the redevelopment of and industrial property. The project involved the demolition of a historic manufacturing facility and a commercial dry cleaner. Each of these facilities were associated with releases of solvents and petroleum hydrocarbons. Remedial actions involved excavation by pattern drilling and off site disposal along with removal of former USTs. The total cost of remediation and assessment was $450,000.00.

Compton Redevelopment Project, Compton, California (Project Manager)

Kyle is serving as project manager for the assessment and remedial actions for a large redevelopment project. The project involves the redevelopment of a historic manufacturing facility and a former dry cleaner. Each of these facilities were associated with releases of solvents and petroleum hydrocarbons. The industrial facility was also associated with significant volumes of buried waste that required removal and disposal. These wastes also included the chemical referenced above, as well as PCBs and heavy metals. Remediation has included excavation, vapor extraction, and chemical fixation. The total cost of this project has been $2.8 million to date.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

PUBLICATIONS

In-Situ Bioremediation of an Underground Diesel Fuel Spill: A Case Study. Environmental Management, 1989.

APPENDIX C

User-Provided Records

PHASE I ESA USER'S QUESTIONNAIRE

In order to qualify for protection from land owner liability under CERCLA as an *innocent landowner, bona fide prospective purchaser,* or *contiguous property owner*, ASTM standard practice E1527-21 and the federal AAI rule (40 CFR 312) require that the User of the Phase I ESA report provide certain information (if available) to the Environmental Professional completing the assessment. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. Information that is not or cannot be provided to the Environmental Professional may be identified as a "data gap" in the Phase I ESA report.

Please answer the following questions as completely as possible. Attach additional pages as needed. Return the completed questionnaire to Stantec along with the executed Authorization For services form.

1. Property Information

Property Name: 15 Argonaut

Property Address(es): 15 Argonaut

City: Aliso Viejo State CA Zip 92656

Property Owner Name: _____

Property Owner Phone #: _____

2. Contact For Site Access

Name: Emanuel Robinson

Company/Organization/Title: Brandywine Homes

Phone # 925-389-8632 E-Mail Address: emanuel@brandywine-homes.com

3. Environmental Cleanup Liens. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

_____ Yes _____X____ No

If yes, describe or attach details of the lien _____

_____

4. Activity and Land Use Limitations. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded as applicable to the property as a result of environmental contamination, investigation, cleanup, or related matters?

_____ Yes _____X_____ No

If yes, describe or attach details of the limitations _____

_____

5. Specialized Knowledge or Experience. As the User of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property, such that you would have specialized knowledge about chemicals and processes used by this type of business?

_____ Yes _____X_____ No

If yes, describe or attach details of your specialized knowledge or experience _____

_____

6. Relationship of Purchase Price to Fair Market Value of Property. Does the purchase price being paid for the property reasonably reflect the fair market value?

X_____Yes _____No

_____Not applicable. User is not involved in a purchase of the property.

If you conclude that there is a difference, do you have any reason to believe that the reduced purchase price may be related to contamination known or believed to be present at the property?

_____Yes, I have reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property.

X_____No, I have no reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property.

7. Commonly Known or Reasonably Ascertainable Information. Are you aware of commonly known or reasonably ascertainable information about the property that would help the Environmental Professional to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products? For example:

Do you know the past uses of the property?
X_____Yes (describe) Have reviewed the ESA from the seller
_____
_____
_____No

Do you know of chemicals, hazardous substances or petroleum products that are present or once were present at the property?
_____Yes (describe) _____
_____
_____
X_____No

Do you know of spills or other releases of chemicals, hazardous substances or petroleum products that have taken place at the property?

_____Yes (describe) _____

_____

_____

X_____No

Do you know of any environmental cleanups that have taken place at the property?

_____Yes (describe) _____

_____

_____

X_____No

8. The Degree of Obviousness of Contamination. E1527-21 and the federal AAI rule (40 CFR 312.31) require that the Phase I ESA consider the degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation. Based on your knowledge and experience related to the property, are there any *obvious* indictors that point to the presence or likely presence of contamination at the property?

_____Yes (describe) _____

_____

_____

X_____No

9. Availability of Previous Environmental Reports. Are you aware of previous environmental site assessment reports, other environmental reports, documents, correspondence, etc. concerning the property and its environmental condition?

X_____Yes (describe) _____ESA (Sellers)_____

_____

_____

_____No

Signature: *Emanuel M. S. Robinson*

Name (printed): Emanuel M. S. Robinson

Title: Senior Project Manager

Date: 7/8/25

ENVIRONMENTAL ASSESSMENT

Prepared for:

Cordia Capital Management, LLC
2235 Campus Drive
El Segundo, California 90245



PHASE I ENVIRONMENTAL SITE ASSESSMENT
OF

15 Argonaut
Aliso Viejo, California 92656

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EMG PROJECT NUMBER:

118746.16R000-003.135

DATE OF REPORT:

October 30, 2016

ON SITE DATE:

February 11, 2016

PROJECT SUMMARY TABLE

REPORT SECTION	ACCEPTABLE	ROUTINE SOLUTION	PHASE II	REC	ESTIMATED COST
DATA GAPS	Yes				
CURRENT USE OF PROJECT	Yes				
HAZARDOUS MATERIALS	Yes				
STORAGE TANKS	Yes				
WASTE GENERATION	Yes				
SURFACE AREAS	Yes				
ADJACENT PROPERTY USE	Yes				
HISTORICAL REVIEW	Yes				
PROJECT REGULATORY DATABASE REVIEW	Yes				
OFF-SITE REGULATORY DATABASE REVIEW	Yes				
VAPOR MIGRATION	Yes				
ASBESTOS	Yes				
RADON GAS	Yes				
LEAD-BASED PAINT	Yes				
LEAD IN DRINKING WATER	Yes				
MOISTURE CONDITIONS	Yes				

Conditions noted in the Project Summary Table are representative of the overall conditions of the property. The Project Summary Table should not be used as a stand alone document. REC - Recognized Environmental Condition, as defined by ASTM E1527-13.

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1.0 EXECUTIVE SUMMARY

EMG performed a Phase I Environmental Site Assessment, which included on-site observations of the accessible areas of 15 Argonaut (the "Project"), on February 11, 2016.

This assessment was performed at the Client's request using methods and procedures consistent with good commercial and customary practice conforming with ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Any exceptions to, or deletions from, this practice are described in Section 2 of this report.

PROJECT DESCRIPTION	
Project Address:	15 Argonaut, Aliso Viejo, Orange County, California 92656
Additional Current/Historical Addresses:	Not Applicable
Assessor Parcel Number(s):	623-093-10 and 623-093-11
Project Use:	Office/medical laboratory
Land Area (acres):	4.32
Number of Units:	One unit
Number of Buildings:	One
Year Constructed:	1989
Basement:	No
Gross Building Area (SF):	41,549
Net Rentable Area (SF):	Not reported

SITE RECONNAISSANCE CONDITIONS	
Date Completed:	February 11, 2016
EMG Project Manager:	Talmage Jordan
Weather Conditions:	Sunny
Temperature (F):	70s
Percent of Units Observed:	100%
Access Limitations:	A representative sample of interior areas was not made available to EMG for access. Specifically, EMG was unable to photograph certain laboratory equipment as it is considered by Ambry Genetics to be trade secrets. The lack of access represents a data gap. However, based on the conditions observed in the accessed areas, discussions with the site contact, and review of other available information, the lack of access does not represent a significant data gap.

ENVIRONMENTALLY SUSPECT PROJECT USE	
PROJECT USE	CURRENTLY LOCATED AT THE PROJECT
Cellular Communications Equipment:	No
Commercial Printing:	No
Dry Cleaner:	No

ENVIRONMENTALLY SUSPECT PROJECT USE	
PROJECT USE	CURRENTLY LOCATED AT THE PROJECT
Gasoline Station:	No
Heavy Industrial Use:	No
Landfill:	No
Machine Shop:	No
Military Use:	No
Oil Well:	No
Photograph/X-Ray Developing:	No
Vehicle Repair:	No

CHRONOLOGICAL HISTORY OF PROJECT		
YEARS	PROJECT USE / TENANTS	ENVIRONMENTAL CONCERN
Prior to 1942	No historical sources identified	No
1942-1989	Undeveloped land	No
1989 to Current	Office building	No

ADJACENT PROPERTIES			
DIRECTION	ADDRESSES	PROPERTY USE / BUSINESS NAME	ENVIRONMENTAL CONCERNS
North	Glenwood Drive	Single-famliy residences	No
East	7 Argonaut	Ambry Genetics, professional office building	No
Southeast	8,28,36,66,72, and 92 Argonaut	Pacific Park Business Center, various professional office tenants	No
South	21 Argonaut	Jockimo and Motion Solutions, office building	No
West	23002 Aliso Creek Road 23022 Aliso Creek Road	Carl's Jr., retail Chevron gas station	No

1.1 FINDINGS AND OPINIONS

This assessment has revealed no evidence of recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), controlled recognized environmental conditions (CRECs), significant data gaps, or significant business environmental risks in connection with the Project.

1.2 RECOMMENDATIONS

No further action or investigation is recommended at this time.

1.3 CERTIFICATION

EMG certifies that EMG has no undisclosed interest in the subject property, that EMG's relationship with the Client is at arms-length, and that EMG's employment and compensation are not contingent upon the findings or recommendations provided in the Report.

If you have any questions regarding this report, please contact Brian "Jake" Jakubiak at (800) 733-0660 x6543 or bjakubiak@emgcorp.com.

Surveyed By: Talmage Jordan, Project Manager

Written By: Talmage Jordan, Project Manager

Reviewed By:



Malinda Ross, Technical Report Reviewer

Environmental Professional:



Brian "Jake" Jakubiak, Senior Environmental Consultant

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Project. I have developed and performed the all appropriate inquiries in conformance with the standard and practices set forth in 40 CFR Part 312.

1.4 RELIANCE

This report has been prepared for and is exclusively for the use and benefit of the Client identified on the cover page of this report. The purpose for which this report shall be used shall be limited to the use as stated in the contract between the client and EMG.

This report, or any of the information contained therein, is not for the use or benefit of, nor may it be relied upon by any other person or entity, for any purpose without the advance written consent of EMG. Any reuse or distribution without such consent shall be at the client's or recipient's sole risk, without liability to EMG.

2.0 INTRODUCTION

2.1 PURPOSE

The purpose of this report is to provide the Client the results of a commercially prudent and reasonable inquiry designed to identify recognized environmental conditions at the Project taking into account reasonably ascertainable information. In accordance with ASTM E1527-13, the level of environmental assessment was guided by several factors, including the type of property and the risk tolerance of the user.

The user informed EMG that the purpose of the assessment is for pre-sale due diligence.

2.2 SCOPE OF WORK

The assessment was conducted utilizing generally accepted Phase I industry standards, using American Society for Testing and Materials (ASTM) Standard Practice E 1527-13.

This assessment is based on the evaluation of the information gathered, laboratory analyses of samples collected (when required), and accessibility at the time of the assessment.

The Scope of Work included an evaluation of:

- Interviews with individuals knowledgeable about the Project for the purpose of gathering information regarding the potential for contamination at the Project.
- Available pertinent documents obtained by EMG or provided by the client.
- Reasonably ascertainable federal, state, and local records in an effort to identify sites of known or suspected hazardous waste activity located at or near the Project.
- The Project history in an attempt to identify possible ownership(s) and/or uses, as identified through review of reasonably ascertainable standard historical sources.
- The physical characteristics of the Project, as identified through review of reasonably ascertainable topographic data, wetlands, soils, geology, and groundwater data.
- Current Project conditions (as applicable) as they pertain to the presence or absence of: facility storage tanks, drums, containers (above or below ground), etc., transformers and other electrical equipment which utilize fluid which may potentially contain PCBs, the use of hazardous materials/chemicals and petroleum products, and/or the generation, treatment, storage, or disposal of hazardous, regulated, or medical wastes.
- An evaluation of information contained in programs such as the NPL, CERCLIS, SHWS, RCRIS, SWF, LUST, and other governmental information systems within specific search distances of the Project. This evaluation was performed to identify sites that represent a recognized environmental condition. The regulatory agency report provided is based on an evaluation of the data collected and compiled by a contracted data research company. The search is designed to meet the requirements of ASTM Standard Practice E 1527-13. The information provided is assumed to be correct and complete.
- Visual observation of the adjacent properties to identify high-risk neighbors and the potential for known or suspected contamination to migrate onto the Project.

2.2.1 ASTM E1527 NON-SCOPE CONSIDERATIONS

At the Client's request, the assessment included a screening approach for the following Non-ASTM Considerations, which are otherwise beyond the Scope of ASTM E1527-13.

NON-ASTM CONSIDERATIONS	
NON-ASTM CONSIDERATION	SCOPE OF WORK
Asbestos Containing Materials:	The identification of suspect asbestos containing materials in accessible areas. Sampling of suspect materials was not performed.
Radon Gas:	Radon gas propensity, through the review of the USEPA's Map of Radon Zones.
Lead Based Paint:	The identification of lead-based paint for residential and daycare properties constructed prior to 1978.
Lead In Drinking Water:	A screening for lead in water, based on information provided by the municipal water provider.
Moisture Conditions:	The identification of visible moisture conditions and conditions conducive for moisture conditions. In addition, EMG interviewed Project personnel regarding any known or suspected moisture conditions, water intrusion, or mildew like odors.
Wetlands:	Review of readily available wetlands map data available from the US Fish and Wildlife Service. A site specific wetland delineation is beyond the scope of this assessment.
Flood Zone:	Review of readily available flood zone map designations available from regulatory agencies, such as the Federal Emergency Management Agency (FEMA).

2.3 LIMITATIONS

The opinions EMG expresses in this report were formed utilizing the degree of skill and care ordinarily exercised by any prudent Environmental Professional in the same community under similar circumstances. EMG assumes no responsibility or liability for the accuracy of information contained within this report that has been obtained from the Client or the Client's representatives, from other interested parties, or from the public domain. The conclusions presented represent EMG's professional judgment based on information obtained during the course of this assignment.

Factual information regarding operations, conditions, and test data provided by the Client or the Client's representative has been assumed to be correct and complete. The conclusions presented within this report are based on the data provided, observations made, and conditions that existed specifically on the date of the assessment.

EMG's ESA cannot wholly eliminate the uncertainty regarding the presence of recognized environmental conditions and environmental business risk. The report is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the Project. The report is limited in budget and scope. The nature of subsurface soil and ground water at the Project cannot be confirmed, given the limited budget and scope of this ESA. The report is not and should not be considered a warranty or guarantee about the presence or absence of environmental contaminants which might affect the Project. It should be understood that EMG's suggested remedy may be determined under time constraints or may be formed without the aid of engineering calculations, testing, exploratory probing, the removal of materials, or design. Furthermore, there may be other alternate or more appropriate schemes or methods to remedy the noted environmental conditions.

2.4 KEY TERMS

Business environmental risk - A risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations. For the purposes of this assessment, a significant business environmental risk is both included in the agreed upon scope of work and requires further action at this time.

Controlled recognized environmental condition - A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Data gap - The lack of or inability to obtain information required by ASTM E 1527-13 despite good faith efforts is considered a data gap. A data gap is considered significant if it affects the ability of the environmental professional to identify recognized environmental conditions.

De minimis condition - A condition that generally does 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 conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

Environmental Professional - A person meeting the education, training, and experience requirements set forth in 40 CFR 312.10(b).

Historical recognized environmental condition - A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g. property use restriction, AULS, institutional controls, or engineering controls), at the time the Phase I ESA is conducted (e.g., if there has been a change in the regulatory criteria). If the EP considers this past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusion section of the report as a REC.

Material threat - A physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment.

Practically reviewable - Information that is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data.

Release - Any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles containing any hazardous substance or pollutant or contaminant), with certain exclusions as defined in 42 U.S.C. 9601 (22).

Reasonably ascertainable - Information that is publicly available, obtainable from its source within reasonable time and cost constraints, and practically reviewable.

Recognized environmental condition - The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property 1) due to any release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

Standard environmental record sources - Environmental records contained in various regulatory databases, with search distances defined by ASTM E1527-13, unless otherwise specified by client in the scope of work.

Standard historical sources - Reasonably ascertainable records, including aerial photographs, fire insurance maps, property tax files, recorded land title records, USGS topographic maps, local street directories, building department records, and zoning/land use records.

3.0 USER PROVIDED INFORMATION

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfield's Revitalization Act of 2001 (the "Brownfield's Amendments") (if desired), the user must provide certain information (if available) identified in the User Questionnaire to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Within this Phase I Environmental Site Assessment, EMG's reference to the Client follows the ASTM guide's definition of user, that is, the party that retains EMG for the preparation of a baseline ESA of the Project. A user may include, without limitation, a purchaser, potential tenant, owner, existing or potential mortgagee, lender, or property manager of the Project.

3.1 USER QUESTIONNAIRE

EMG submitted the following User Questionnaire to the user pursuant to the responsibilities described in Section 6 of ASTM Standard E 1527-13. All Appropriate Inquires (40 CFR Part 312) requires that these questions be answered by or on behalf of a party seeking to qualify for limited liability protections to CERCLA liability.

#	QUESTION ASKED OF USER	RESPONSE	COMMENTS
1	Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?	No response	
2	Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property?	No response	
3	Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	No response	
4	Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?	No response	
5	Are you aware of any Activity and Use Limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?	No response	
6	As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	No response	
7	Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	No response	
8	Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user:	No response	
	Do you know the past uses of the property?	No response	

#	QUESTION ASKED OF USER	RESPONSE	COMMENTS
	Do you know of specific chemicals that are present or once were present at the property?	No response	
	Do you know of spills or other chemical releases that have taken place at the property?	No response	
	Do you know of any environmental cleanups that have taken place at the property?	No response	
9	As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?	No response	

A completed User Questionnaire was not returned to EMG. The lack of this information represents a data gap. However, based on the other information obtained during the completion of this assessment, the lack of the User Questionnaire does not represent a significant data gap.

3.2 ENVIRONMENTAL LIEN/AUL SEARCH

The presence of an Activity and Use Limitations (AUL) at a property is an indication that there may be residual levels of hazardous substances or petroleum products present above unrestricted land use levels. Although Environmental Liens and AULs are often recorded with the property deed at the local land title office, in some cases they are filed in a separate environmental agency database or in project documentation, such as agency closure letters. ASTM E1527-13 does not require the environmental professional to undertake a review of recorded land title records and judicial records for environmental liens and AULs. Such a review is performed at the discretion of the user, based on their need to meet the requirements of 40 CFR 312.20 and 312.25.

The user did not engage EMG to review title and judicial records for environmental liens or AULs recorded against the Project. Furthermore, these documents were not provided to EMG for review. The lack of this information represents a data gap. However, based on the other information obtained during the completion of this assessment, the lack of the an Environmental AUL/Lien search does not represent a significant data gap.

3.3 PREVIOUS ENVIRONMENTAL ASSESSMENTS

In accordance with ASTM E1527-13, EMG requested that the user provide copies of previous environmental assessments for review. Furthermore, EMG may have obtained prior environmental assessments and regulatory records from local, state, and federal regulatory agencies. The purpose of reviewing prior environmental assessments is to determine if any recognized environmental conditions have previously been identified. Documentation provided to EMG which is unrelated to the identification of recognized environmental conditions may not be reviewed.

EMG was not provided with any previously conducted environmental assessment reports for the Project.

4.0 PHYSICAL SETTING

ASTM E1527-13 requires that the current 7.5-minute USGS Topographic Map (or equivalent) showing the area on which the Project is located be reviewed. Additional physical setting sources, such as soil survey maps, groundwater maps and geologic maps may be obtained and reviewed at the discretion of the environmental professional. The purpose of this review is to evaluate whether hazardous substances or petroleum products are likely to migrate to the Project.

4.1 TOPOGRAPHY

The most recent version of the USGS Topographic Map available is discussed below. Historical USGS Topographic Maps, if available, are discussed in Section 6.

USGS TOPOGRAPHIC MAP REVIEW	
Topographic Map Name:	San Juan Capistrano, California
Topographic Map Year:	2015
PROJECT TOPOGRAPHY	
Upper Elevation (feet):	520
Lower Elevation (feet):	460
Surface Slope:	Moderately sloping
Slope Direction:	Southeast
GENERAL VICINITY TOPOGRAPHY	
Slope Direction:	Northeast
Nearest Surface Water Feature:	Tributary of Aliso Creek
Nearest Surface Water Feature Distance:	650 feet
Nearest Surface Water Feature Direction:	East

4.2 GEOLOGY

The generalized geology of the Project area was researched using readily available geologic maps.

GENERALIZED GEOLOGY	
Source:	1:750,000 scale Geologic map of California published by the California Division of Mines and Geology and dated 1977
Geologic Description:	Sandstone, mudstone, and siltstone, evaporite and conglomerate materials from the Oligocene to Pliocene epochs

4.3 HYDROGEOLOGY

Groundwater conditions at the Project are estimated based on reasonably available data such as groundwater maps, previous subsurface investigations conducted at, or in the vicinity of the Project, and local conditions. Shallow groundwater flow is generally expected to follow the ground level slope of surface elevations towards the nearest open body of water. Estimated groundwater levels may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or dewatering operations.

HYDROGEOLOGY	
Source:	Estimated from local topography and presence of nearby surface water features
Estimated Depth to Shallow Groundwater:	Between 19 and 28 feet below ground surface
Estimated Direction of Groundwater Flow:	East

4.4 SOILS

Review of the Natural Resources Conservation Service (NRCS) Web Soil Survey identified the following soil type(s) at the Project:

SOIL SERIES NAME	DRAINAGE	TEXTURE	DEPTH
Capistrano	Well drained	Sandy loam	65 inches
Cieneba-Rock	Somewhat excessively drained	Not Applicable	59 inches

5.0 SITE RECONNAISSANCE

The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the property. In accordance with ASTM E1527-13, EMG attempted to visually observe the periphery of the Project and all structures to the extent not obstructed by obstacles. In addition, EMG attempted to visually observe interior common areas, maintenance and repair areas, and a representative sample of occupant spaces. In general, EMG does not look under floors, above ceilings, behind walls, in confined spaces, in transformer vaults, or in other areas not considered to be safe to access.

SITE RECONNAISSANCE CONDITIONS	
Date Completed:	February 11, 2016
EMG Project Manager:	Talmage Jordan
Weather Conditions:	Sunny
Temperature (F):	70s
Percent of Units Observed:	100%
Access Limitations:	A representative sample of interior areas was not made available to EMG for access. Specifically, EMG was unable to photograph certain laboratory equipment as it is considered by Ambry Genetics to be trade secrets. The lack of access represents a data gap. However, based on the conditions observed in the accessed areas, discussions with the site contact, and review of other available information, the lack of access does not represent a significant data gap.

5.1 UNITS OBSERVED

COMMERCIAL UNITS OBSERVED		
UNIT #	TENANT NAME	TENANT OPERATIONS
15 Argonaut	Ambry Genetics	Office/medical laboratory. Laboratory conducts tests specific to genetics and genomics.

5.2 PROJECT USE

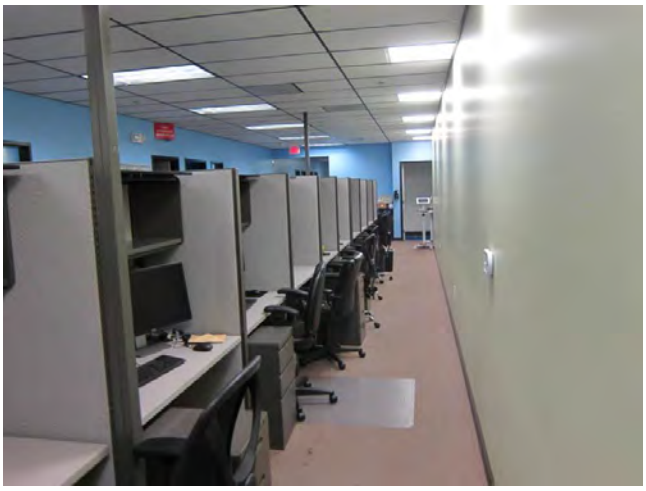
ENVIRONMENTALLY SUSPECT PROJECT USE	
PROJECT USE	CURRENTLY LOCATED AT THE PROJECT
Cellular Communications Equipment:	No
Commercial Printing:	No
Dry Cleaner:	No
Gasoline Station:	No
Heavy Industrial Use:	No
Landfill:	No
Machine Shop:	No
Military Use:	No
Oil Well:	No
Photograph/X-Ray Developing:	No

ENVIRONMENTALLY SUSPECT PROJECT USE	
PROJECT USE	CURRENTLY LOCATED AT THE PROJECT
Vehicle Repair:	No

Photographs



Reception area



Office area



Laboratory area



Recieving area

5.3 HAZARDOUS MATERIALS AND PETROLEUM PRODUCTS

Accessible interior and exterior areas of the Project were observed for the presence of hazardous materials and petroleum products.

EMG evaluated any observed manways, vent pipes, fill connections, concrete pads, and unknown saw cuts to determine if USTs are present at the Project, or if USTs were historically located at the Project. In addition, the Key Site Manager and other property management personnel were interviewed regarding the presence of USTs at the Project.

EMG observed the Project for the presence of potentially PCB-containing equipment such as electrical transformers and hydraulic lifts. Equipment installed after 1979 is unlikely to contain PCBs.

EMG observed the Project for visual evidence of petroleum and natural gas pipelines, such as pipeline markers.

STORAGE AND USE OF HAZARDOUS MATERIALS AND PETROLEUM PRODUCTS	
FEATURE	IDENTIFIED AT PROJECT
Underground Storage Tanks (USTs):	No
Aboveground Storage Tanks (ASTs):	No
Drums and Containers:	Yes. Further discussed below.
Potentially PCB-Containing Equipment:	Yes. Further discussed below.
Petroleum or Natural Gas Pipelines:	No

DRUMS AND CONTAINERS			
MATERIAL	QUANTITY	STORAGE LOCATION	SPILLS OR LEAKS
Janitorial and maintenance supplies	Retail-size containers	Janitor closets and other designated areas	No
Paint	Retail-size containers	Janitor closets and other designated areas	No
Various laboratory chemicals, including hydrochloric acid and various alcohols	Varying quanities, labeled plastic containers	Designated flammable lockers and storage areas	No
Propane	Forklift-sized cylinders	Receiving area and forklift equipment	No
Compressed nitrogen	Cylinders	Throughout project	No

Review of the hazardous materials use and storage at the Project did not identify any recognized environmental conditions or environmental concerns.

POTENTIALLY PCB-CONTAINING EQUIPMENT					
TYPE OF EQUIPMENT	NUMBER OF UNITS	OWNER	INSTALLED AFTER 1979	LIKELY TO CONTAIN PCBS	SPILLS OR LEAKS
Transformer (pad)	1	Utility company	Yes	No	No

Based on the date of construction, the equipment listed in the table above is not likely to contain PCBs. Furthermore, no leaks were observed in the area of this equipment and no current or historical leaks were reported by the Key Site Manager. Therefore, the presence of this equipment does not represent a recognized environmental condition.

Photographs



Janitorial closet with various housekeeping



Paint



Flammable lockers for laboratory chemical storage



Laboratory chemicals



Propane cylinders



Pad-mounted transformer

5.4 WASTE GENERATION, STORAGE, AND DISPOSAL

Visual observation for the generation, treatment, storage, and disposal of wastes was performed. The areas of waste generation and storage were observed for evidence of current and past releases.

Although a waste disposal regulatory compliance audit is beyond the scope of this assessment, general waste disposal procedures were evaluated to determine if any deficiencies exist that could result in a release to the Project.

WASTE GENERATION AND DISPOSAL	
FEATURE	IDENTIFIED AT PROJECT
Waste Generation:	Yes. Further discussed below.
Septic Systems:	No
Oil-Water Separators:	No
Cooking Grease Traps:	No
Unknown Drums or Containers:	No
Waste Disposal Ponds or Lagoons:	No

WASTE GENERATION			
WASTE TYPE	DISPOSAL METHOD	STORAGE LOCATION	SPILLS OR LEAKS
Domestic sewage	Sanitary sewer	Not applicable	No
Municipal trash	Contracted waste hauler	Dumpsters	No
Medical waste (red bags and/or sharps)	Contracted waste hauler	Designated storage areas	No
Laboratory chemical waste	Contracted waste hauler	Designated storage area	No

Review of waste storage and disposal information did not identify any recognized environmental conditions or environmental concerns.

Photographs



Dumpster



Bio-hazardous waste bin



Waste lab chemicals container



Hazardous waste area

5.5 SURFACE AREAS

The interior and exterior surface areas were observed for environmentally significant features such as wells, sumps, staining, and pits.

SURFACE AREAS	
FEATURE	IDENTIFIED AT PROJECT
Floor Drains and Sumps:	No
Pits:	No
Pools of Liquid Waste:	No
Surface Staining:	No
Unusual or Noxious Chemical Odors:	No
Landfilling:	No

SURFACE AREAS	
FEATURE	IDENTIFIED AT PROJECT
Stressed Vegetation:	No
Stormwater Retention/Detention Basins:	No
Domestic Water Wells:	No
Monitoring Wells:	No
Irrigation Wells:	No
Dry Wells:	No

5.6 UTILITIES, HEATING, AND COOLING

UTILITIES	
Domestic Drinking Water:	Moulton Niguel Water District
Electricity:	Southern California Edison
Natural Gas:	Southern California Gas Company
Domestic Sewer:	Moulton Niguel Water District

HEATING AND COOLING	
Type of Heating:	Electric units
Type of Cooling:	Electric units

5.7 ADJACENT PROPERTY USE

The adjacent properties were visually observed for evidence of recognized environmental conditions, such as property uses likely to result in a release, and visual evidence of surface migration of releases. The following adjacent properties were identified:

ADJACENT PROPERTIES			
DIRECTION	ADDRESSES	PROPERTY USE / BUSINESS NAME	ENVIRONMENTAL CONCERNS
North	Glenwood Drive	Single-famliy residences	No
East	7 Argonaut	Ambry Genetics, professional office building	No
Southeast	8,28,36,66,72, and 92 Argonaut	Pacific Park Business Center, various professional office tenants	No
South	21 Argonaut	Jockimo and Motion Solutions, office building	No
West	23002 Aliso Creek Road 23022 Aliso Creek Road	Carl's Jr., retail Chevron gas station	No

Review of the adjacent properties did not identify any recognized environmental conditions or environmental concerns.

Photographs



Adjacent property, east - Ambry Genetics (7 Argonaut)



Adjacent property, southeast - Pacific Park Business Center (8, 28, 36, 66, 72, and 92 Argonaut)



Adjacent property, south - Jockimo/Motion Solutions (21 Argonaut)



Adjacent property, west - Chevron (23022 Aliso Creek Road)

5.8 INTERVIEWS

5.8.1 KEY SITE MANAGER

EMG attempted to interview the Key Site Manager as part of this assessment. In addition, a Questionnaire was provided to the Key Site Manager to assist EMG in determining if recognized environmental conditions exist at the Project. A copy of the Key Site Manager Questionnaire is included in Appendix D.

KEY SITE MANAGER INTERVIEWS			
NAME	RELATIONSHIP TO PROPERTY	YEARS WITH PROPERTY	TELEPHONE NUMBER
Robert Vincent	Property Manager	Three	480.760.5408

The Key Site Manager did not identify any recognized environmental conditions or environmental concerns with the current or historical use of the Project.

5.8.2 CURRENT OCCUPANTS

EMG made a reasonable attempt to interview all major occupants and also those other occupants whose operations are likely to indicate a recognized environmental condition.

No occupants of the Project were available or would agree to an interview. The lack of occupant interviews represents a data gap. However, based on the conditions observed in the accessed areas, discussions with the site contact, and review of other available information, the lack of this information does not represent a significant data gap.

5.8.3 CURRENT OWNER

EMG submitted an Owner Questionnaire to the user in an effort to identify the owner of the Project who could be interviewed to provide information regarding proceedings involving the Project.

#	QUESTION ASKED OF OWNER	RESPONSE	COMMENTS
1	Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?	No response	
2	Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property?	No response	
3	Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	No response	

A completed Owner Questionnaire was not returned to EMG. The lack of this information represents a data gap. However, based on the other information obtained during the completion of this assessment, the lack of the User Questionnaire does not represent a significant data gap.

5.8.4 PAST OWNERS AND OCCUPANTS

No past owners of the Project, who likely would have material information regarding recognized environmental conditions at the Project, were identified.

5.8.5 NEARBY OWNERS AND OCCUPANTS

The Project was not an abandoned property with evidence of unauthorized uses or uncontrolled access; therefore, interviews were not conducted with adjacent or nearby property owners or occupants.

6.0 HISTORICAL USE INFORMATION

The purpose of the historical review is to determine the previous uses of the Project and surrounding area in order to identify the likelihood of past uses having led to a recognized environmental condition. Historical sources that are both reasonably ascertainable, and likely to be useful are reviewed in an attempt to document the historical use of the Project and surrounding areas dating back to 1940, or the first developed use, whichever is earlier.

Copies of representative historical maps/aerial photographs are included in Appendix C. Other historical documentation, such as City Directory abstracts, copies of building department records, and ownership records are included in Appendix F, when available.

The following standard historical sources were researched:

STANDARD HISTORICAL SOURCES		
DATA TYPE	SOURCE	YEARS COVERED
Aerial Photographs:	ERIS	1947, 1963, 1972, 1981, 1994, 2005, and 2014
Fire Insurance (Sanborn) Maps:	ERIS	None identified
USGS Topographic Maps:	USGS	1942, 1948, 1949, 1981, 2012, and 2015
Local Street Directories:	Aliso Viejo Branch Library; ERIS	2014 and 2015; Pending
Building Department Records:	Aliso Viejo Building Department	1989-Current
Zoning/Land Use Records:	Aliso Viejo Planning Department	Current
Property Tax Files and Land Title Records:	Orange County Assessor	Current
Key Site Manager Interview:	Pre-Survey Questionnaire	2013-Current

EMG was not able to obtain standard historical sources that document the Project history in five year intervals. Furthermore, EMG was not able to document the use of the Project back to the first developed use, or back to 1940, whichever is earlier. The lack of this information represents a data gap. However, based on the other information obtained during the completion of this assessment, the lack of this information does not represent a significant data gap.

6.1 PROJECT HISTORICAL USE

Based on review of the historical resources identified in Section 6.0, the following chronological history was developed for the Project.

CHRONOLOGICAL HISTORY OF PROJECT		
YEARS	PROJECT USE / TENANTS	ENVIRONMENTAL CONCERN
Prior to 1942	No historical sources identified	No
1942-1989	Undeveloped land	No
1989 to Current	Office building	No

OWNERSHIP HISTORY OF PROJECT		
YEAR PURCHASED	OWNER NAME	ENVIRONMENTAL CONCERN
Not applicable	The Orange County Assessor's website does not provided ownership information online.	Not applicable

The review of the historical data readily available for the Project revealed no evidence that may have led to an environmental impact to the Project.

6.2 OFF-SITE HISTORICAL USE

Based on review of the historical resources identified in Section 7.0, the following chronological history was developed for the adjacent properties.

CHRONOLOGICAL HISTORY OF ADJACENT PROPERTIES		
YEARS	ADJACENT PROPERTY USE	ENVIRONMENTAL CONCERN
NORTH		
Prior to 1942	No historical sources identified	No
1942 to 1981	Naturally vegetated land	No
1994	Graded land	No
2005	Golf course	No
2014 to Current	Single-family residences	No
EAST		
Prior to 1942	No historical sources identified	No
1941 to 1981	Naturally vegetated land	No
1994 to Current	Commercial structure	No
SOUTHEAST		
Prior to 1942	No historical sources identified	No
1942 to 1981	Naturally vegetated land	No
1994 to Current	Commercial business park	No
SOUTH		
Prior to 1942	No historical sources identified	No
1942 to 1981	Naturally vegetated land	No
1994 to Current	Commercial structure	No
WEST		
Prior to 1942	No historical sources identified	No
1942 to 1981	Naturally vegetated land	No
1994 to Current	Gasoline station and a fast food restaurant	No

The review of the historical data available the surrounding areas of the Project revealed no evidence that may have led to an environmental impact to the Project.

7.0 ENVIRONMENTAL RECORDS REVIEW

The purpose of the records review is to obtain and review records that will help identify recognized environmental conditions. ASTM E1527-13 requires the review of reasonably ascertainable records from standard sources as defined in Section 8.2.1 of ASTM E1527-13. Additional records sources, such as local fire department records, local building department records, and local environmental health department records may be obtained and reviewed at the discretion of the environmental professional.

The availability of record information varies widely, depending on the source. Reasonably ascertainable records are those records that are publicly available, obtainable within reasonable time and cost constraints, and practically reviewable. In addition, the records must be provided by the agency within 20 calendar days of receiving a request, at no more than a nominal cost intended to cover the source's cost of retrieving and duplicating the information.

7.1 REGULATORY DATABASE REVIEW

EMG obtained a regulatory database report from a commercial database provider in an effort to determine if the Project is a listed regulatory site and whether there are any mappable regulatory database sites within the search distances specified by ASTM E1527-13. EMG attempted to field-verify the locations of the identified regulatory sites, as well as confirm distances and locations relative to the Project using available mapping software. Therefore, the distances and/or directions noted in this section may not match the Database Report. In addition, EMG reviewed the unmappable sites in the database report, cross-referencing addresses and site names.

In accordance with ASTM E1527-13, regulatory files and/or records associated with standard environmental record sources may be obtained and reviewed when the files and/or records are reasonably ascertainable, the files/records are expected to contain significant information for the purpose of identifying recognized environmental conditions, and an alternative source of the information is not available. Furthermore, review of regulatory files and/or records may be limited by the scope of work. Unless otherwise noted in Section 1.1, further review of regulatory agency files and/or records is not considered to be warranted based on the general nature of the regulatory database listing, the level of detail provided in the regulatory database, the availability of information from alternative sources, and/or the low likelihood that the agency files and/or records will contain information indicating the presence of a recognized environmental condition.

A copy of the full regulatory database report is included in Appendix H.

Regulatory Report Summary

DATABASE	SEARCH RADIUS	TARGET PROPERTY	WITHIN 0.12MI	0.12MI TO 0.25MI	0.25MI TO 0.50MI	0.50MI TO 1.00MI	TOTAL
ERNS	0.02	0	-	-	-	-	1
FINDS/FRS	0.02	1	-	-	-	-	3
HAZNET	0.02	10	-	-	-	-	15
ORANGE AST	0.25	0	1	0	-	-	1
ORANGE UST	0.25	0	1	1	-	-	2
RCRA GEN	0.25	1	4	0	-	-	5
LUST	0.5	0	0	0	1	-	1
UST	0.25	1	1	2	-	-	4

7.1.1 PROJECT REGULATORY DATABASE REVIEW

ON-SITE REGULATORY DATABASE LISTINGS		
FACILITY NAME	FACILITY ADDRESS	DATABASES
Ambry Genetics Corporation	15 Argonaut	RCRA GEN, HAZNET, FINDS/FRS
Arbonne International,	15 Argonaut	HAZNET
1X Kaminari / Kamanari Inc	15 Argonaut	HAZNET
Centon Electronics Inc	15 Argonaut	HAZNET
Green Co Services LLC	15 Argonaut	HAZNET
Stracon Manufacturing	15 Argonaut	HAZNET

RCRA Generators

The RCRA Generators database is a listing of facilities that generate, transport, store, treat and/or dispose of hazardous waste and does not necessarily indicate that a release to the environment has occurred. Refer to Section 5.4 for further discussion of wastes currently generated at the Project.

RCRA Generators				
Facility Name	**Classification**	**Violations Noted**	**Wastes Generated**	**Years Generated**
Ambry Genetics Corporation	Large quantity generator	Not Reported	Numerous lab wastes	2011 and 2015

NR-Not Reported

The information provided in this database is not indicative of a recognized environmental condition and no further action or investigation is recommended.

Facility Index System (FINDS)

The FINDS database cross-references various federal and state database listings and does not, in and of itself, typically contain environmentally significant information. The FINDS database provides the following pertinent information:

- Facility Name: Ambry Genetics Corporation
- Facility Address: 15 Argonaut
- Program Cross Referenced: RCRA GEN

The information provided is not indicative of a recognized environmental condition and no further action or investigation is recommended.

HAZNET

The HAZNET database indicates that the current Project tenant, Ambry Genetics Corporation, has generated hazardous wastes, from at least 2011 through 2015. Hazardous wastes generated by Ambry Genetics Corporation include unspecified aqueous solution, oxygenated solvents (acetone, butanol, ethyl acetate, etc.), unspecified solvent mixture, unspecified organic liquid mixture, other organic solids, empty containers (less than 30 gallons), and laboratory waste chemicals.

In addition, the HAZNET database indicates that the former Project tenants reportedly generated hazardous wastes, including 1X Kaminari/Kamanari Inc, from at least 1991 through 2000; Arbonne International, from at least 1998 through 2000; Green Co Services LLC, circa 1999; Stracan Manufacturing, from at least 2003 through 2006; and Centon Electronics Inc, from at least 2005 through 2008. Hazardous wastes generated by former Project tenants were reported by Centon Electronics Inc. only, and included other inorganic solid waste.

7.1.2 OFF-SITE REGULATORY DATABASE REVIEW

Regulatory database listings which have a reasonable potential to impact the Project are discussed below. This determination is based on, but not limited to, such factors such as the topographic gradient in relation to the Project, the estimated groundwater flow direction in the vicinity of the Project, the distance between the listed site and the Project, the type of site or materials involved, and/or whether a release to the environment is known or likely to have occurred.

CHEVRON #0200913	
Facility Address:	23022 Aliso Creek Road
Databases:	UST, ERNS, FINDS/FRS, HAZNET, RCRA GEN
Distance:	Adjacent
Direction:	West
Estimated Direction of Groundwater Flow:	Northeast
Relationship to Project:	Towards the Project
Release Reported:	Yes
Release Date:	April 6, 2012
Contaminant(s) of Concern:	Gasoline
Media Impacted:	Land/Concrete
Regulatory Status of Release:	Closed
Summary of Available Documentation:	According to the ERNS database, an incident of gasoline release was reported at the facility in April 2012 when "a customer filled a gas tank on a vehicle that had a hole in its tank and materials discharged onto the concrete." The amount of product released as estimated to be three gallons of gasoline. The remedial actions taken in response to the release comprised of utilizing a spill kit, and the released product was cleaned and disposed of into hazmat drums.
Conclusion:	Based on the "closed" ERNS regulatory status, the incidental nature of the release and emergency response actions performed to remediate the release incident, and the lack of reported groundwater contamination, it is unlikely that this facility has impacted the Project. Therefore, this facility does not represent a recognized environmental condition.
Vapor Migration Concern:	Unlikely

HUNTER GRAPHICS INC./TOMORROW'S LOOK INC. DBA DIMENSIONS SCR./NICOLAS HOLDINGS	
Facility Address:	21 Argonaut
Databases:	FINDS/FRS, HAZNET, RCRA GEN
Distance:	Adjacent
Direction:	South
Estimated Direction of Groundwater Flow:	Northeast

Relationship to Project:	Parallel to the Project
Release Reported:	No
Release Date:	Not reported
Contaminant(s) of Concern:	Not Applicable
Media Impacted:	Not Applicable
Regulatory Status of Release:	Not Applicable
Summary of Available Documentation:	Not Applicable
Conclusion:	Based on the lack of a reported release, it is unlikely that this facility has impacted the Project. Therefore, this facility does not represent a recognized environmental condition.
Vapor Migration Concern:	No

AMBRY GENETICS CORPORATION	
Facility Address:	7 Argonaut
Databases:	RCRA GEN
Distance:	Adjacent
Direction:	East
Estimated Direction of Groundwater Flow:	Northeast
Relationship to Project:	Away from the Project
Release Reported:	No
Release Date:	Not Applicable
Contaminant(s) of Concern:	Not Applicable
Media Impacted:	Not Applicable
Regulatory Status of Release:	Not Applicable
Summary of Available Documentation:	Not Applicable
Conclusion:	Based on the lack of a reported release and estimated direction of groundwater flow, it is unlikely that this facility has impacted the Project. Therefore, this facility does not represent a recognized environmental condition.
Vapor Migration Concern:	No

7.1.3 VAPOR MIGRATION

Indoor air quality concerns are generally excluded from the scope of ASTM E1527-13 and this assessment. However, the migration of vapors caused by a release of hazardous substances or petroleum products to the environment can represent a recognized environmental condition in certain conditions.

For the purposes of this assessment, the potential for migrating vapors to represent a recognized environmental condition was evaluated using a limited screening method based on technical guidance documents from the US EPA and *ASTM E2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. In addition, screening tools created by regulatory agencies may be used to evaluate the significance of a release with respect to the vapor migration and/or vapor intrusion potential. EMG's vapor migration screening is not a human health risk assessment and is not intended to comply with regulatory requirements that might exist for the evaluation of vapor migration.

Based on the review of regulatory database records in Section 7.1.1 and 7.1.2, no vapor migration concerns were identified.

7.2 LOCAL AGENCY RECORDS

The following additional environmental records were reviewed to supplement the standard environmental record sources discussed in Sections 7.1.1 and 7.1.2.

Reasonably ascertainable records for the Project may be reviewed for evidence of recognized environmental conditions and other environmental concerns such as underground storage tanks, significant hazardous materials use, the presence of septic systems, and/or the presence of wells.

BUILDING DEPARTMENT	
Name of Agency:	Aliso Viejo Building Department
Contact Name/Telephone:	Joanna Stevens/ 949.425.2546
Review Method:	In person records review.
Records Date Back To:	The City of Aliso Viejo was incorporated in 2001. Any records prior to 2001 have been provided to the City from the Orange County Building Department. These records vary in availability.
Summary of Records Reviewed:	The Project was built in 1989. General building, plumbing, mechanical, and electrical permits were on file.
Environmentally Significant Information:	No environmentally significant information was identified

FIRE DEPARTMENT	
Name of Agency:	Orange County Fire Authority
Contact Name/Telephone:	Not applicable
Review Method:	A written request for information has been submitted. A response is currently pending. A copy of the request is included in Appendix F.
Records Date Back To:	Pending response from agency
Summary of Records Reviewed	Pending response from agency
Environmentally Significant Information:	Pending response from agency

PLANNING/ZONING DEPARTMENT	
Name of Agency:	Aliso Viejo Planning Department
Contact Name/Telephone:	Jennifer Lowe/ 949.425.2526
Review Method:	In person records review.
Records Date Back To:	2001

PLANNING/ZONING DEPARTMENT	
Current Zoning:	BP-2/ Business Park 2
Historical Zoning:	N/a
Environmentally Significant Information:	No environmentally significant information was identified

ENVIRONMENTAL HEALTH DEPARTMENT	
Name of Agency:	Orange County Health Care Agency
Contact Name/Telephone:	Not applicable
Review Method:	A written request for information has been submitted. A response is currently pending. A copy of the request is included in Appendix F.
Records Date Back To:	Pending response from agency
Summary of Records Reviewed:	Pending response from agency
Environmentally Significant Information:	Pending response from agency

8.0 ASTM E1527 NON-SCOPE CONSIDERATIONS

The items discussed in this section are outside the scope of ASTM E1527-13. These are included at the discretion of the user based upon the scope of work.

8.1 ASBESTOS

In accordance with the scope of work, EMG performed a screening to document the presence of known and/or suspect asbestos containing materials (ACM) at the Project. This screening approach is not a comprehensive (i.e., AHERA-Style) asbestos survey, nor is it intended to fulfill the NESHAP requirements for demolition or renovation purposes. All materials listed in Appendix G of the United States Environmental Protection Agency (USEPA) publication Managing Asbestos in Place (the "Green Book") are considered suspect.

Some non-friable building products, such as sheet vinyl floor tile, vinyl floor tile, floor tile mastic, asbestos-cement board, and roofing materials can still be manufactured with asbestos and installed in the United States. However, U.S. manufacturers have largely excluded asbestos fibers from their building products since 1981. In addition to a visual assessment, EMG reviewed provided documentation to determine if asbestos has been previously documented at the Project.

SUSPECT ASBESTOS CONTAINING MATERIALS		
MATERIAL	FRIABLE	CONDITION
Roofing materials	No	Good
Vinyl composition tile	No	Good
Mastic	No	Good

Based on the scope of work, sampling of suspect asbestos containing materials was not performed. Furthermore, since the Project was developed after 1981, it is unlikely that asbestos containing materials are present in quantities that would require further assessment at this time. No further action or investigation is recommended regarding asbestos containing materials.

8.2 RADON GAS

Radon originates from the natural (radioactive) breakdown of uranium in soil, rock and water and is the second leading cause of lung cancer in the United States. Radon can move up through the ground and into living spaces through cracks and other holes in the foundation. The USEPA has developed the EPA Map of Radon Zones to assist National, State, and local organizations in implementing radon-resistant building codes. This map assigns each county in the U.S. to one of three zones based on radon potential. The USEPA uses a continuous exposure level of 4.0 pCi/L (picoCuries per liter of air) as an action level at which additional action is recommended.

For the purposes of this assessment, the radon zone and the use of the Project have been used to determine the level of risk associated with radon. However, the USEPA and the Surgeon General recommend testing all homes for radon, regardless of geographic location.

EPA RADON ZONE
Zone 3 (Lowest Potential) - Counties have a predicted average indoor radon screening level less than 2 pCi/L

Radon sampling was not performed based on the non-residential use of the Project and the Scope of Work.

8.3 LEAD BASED PAINT

All paint applied prior to 1978 is considered suspect. The basis for this determination is taken from the Lead Paint Poisoning Act passed by the Congress of the United States that banned the use of lead paint starting January 1, 1978. This screening approach does not comply with Requirements for Disclosure of Known Lead-Based Paint and/or Lead-Based Paint Hazards in Housing. This approach does not constitute a pre-occupancy survey or the basis of attainment of "Lead Free" certification.

Generally, due to the date of construction, the potential use of lead-based paint was minimized due to regulatory requirements and sound business practice. Based on the date of construction and the Scope of Work, no samples were collected. No further action or investigation is recommended regarding lead-based paint.

8.4 LEAD IN DRINKING WATER

Lead is commonly used in household plumbing materials and water service lines. Exposure to lead in drinking water above the USEPA action level can result in adverse health effects in children and adults. Lead is rarely found in source water, but enters tap water through corrosion of plumbing materials. Homes built before 1986 are more likely to have lead pipes, fixtures and solder. The most common problem is with brass or chrome-plated brass faucets and fixtures which can leach significant amounts of lead into the water. The USEPA action level for lead-in-drinking water is 15 parts per billion (ppb).

According to information from the local water utility, the water supplied to the Project is within federal, state, and local drinking water quality standards. In addition, construction of the Project occurred after the 1986 ban on lead drinking water piping, lead solder, and flux on copper drinking water piping. No further action or investigation is recommended regarding lead in drinking water at the Project.

8.5 MOISTURE CONDITIONS

EMG performed a limited visual and olfactory assessment for evidence of moisture conditions in readily accessible interior areas of the Project. In addition, the Key Site Manager was interviewed regarding the presence of current and historical moisture conditions. This assessment was not designed to discover all areas which may be affected by moisture conditions. Rather, it is intended to provide an indication of significant moisture conditions observed during the site visit. Moisture conditions may be present in areas not observed, such as pipe chases, HVAC systems, and behind enclosed walls and ceilings. De minimis moisture conditions, such as small, isolated, water stains on ceiling tiles, and mildew at bathtubs and sinks are considered to be routine maintenance issues and are not addressed in this Report.

EMG did not observe visual or olfactory indications of significant moisture conditions in readily accessible interior areas of the Project. Furthermore, the Key Site Manager did not report any significant current or historical moisture conditions at the Project.

8.6 WETLANDS

For regulatory purposes under the Clean Water Act, the term wetlands means "those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs and similar areas." A wetlands delineation is beyond the scope of this assessment. However, review of National Wetlands Inventory (NWI) data, provided by the United States Fish and Wildlife Service, indicated the following:

WETLANDS REVIEW	
PROJECT	ADJACENT PROPERTIES
Review of the NWI data did not identify any wetlands.	Review of the NWI data did not identify any wetlands.

No wetlands were identified. No further action or investigation is recommended regarding wetlands.

8.7 FLOOD ZONE

FEMA identifies flood hazards, assesses flood risks and partners with states and communities to provide accurate flood hazard and risk data to guide them to mitigation actions.Flood hazard mapping is the basis for the National Flood Insurance Program (NFIP) and flood insurance requirements. FEMA maintains and updates data through Flood Insurance Rate Maps (FIRMs) and risk assessments. FIRMs include statistical information such as data for river flow, storm tides, hydrologic/hydraulic analyses and rainfall and topographic surveys. Review of the FIRM indicated the following:

FLOOD ZONE MAP REVIEW	
MAP DATE	PROJECT FLOOD ZONE
December 3, 2009	The Project is located in Zone X (unshaded), minimal risk areas outside the one percent and 0.2 percent annual chance floodplains. No base flood elevations or base flood depths are shown within these zones.

The flood zone designation is provided for informational purposes only. A determination of the need for flood insurance is beyond the scope of this assessment.

APPENDIX A:
PHOTOGRAPHS



PHOTO #1	NORTH ELEVATION



PHOTO #2	EAST ELEVATION



PHOTO #3	SOUTHEAST ELEVATION



PHOTO #4	WEST ELEVATION



PHOTO #5	WATER HEATER



PHOTO #6	ROOF-MOUNTED HVAC EQUIPMENT



PHOTO #7	ROOF



PHOTO #8	RECEPTION

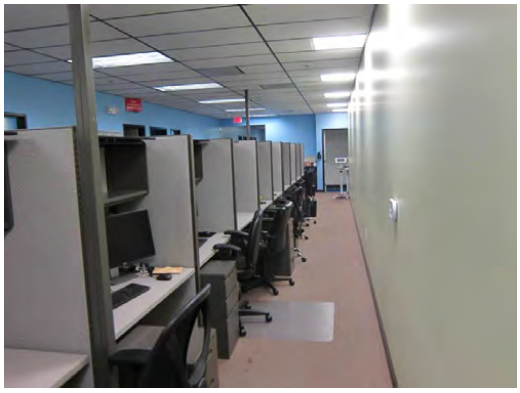


PHOTO #9	OFFICE AREA

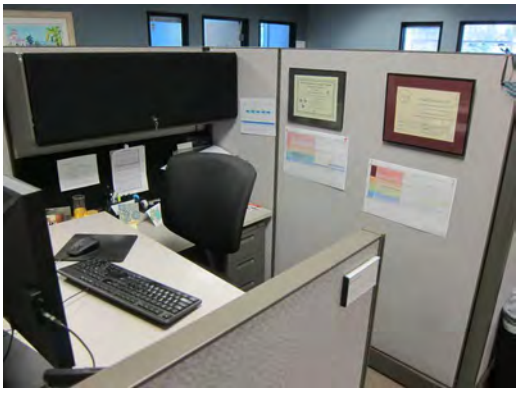


PHOTO #10	OFFICE AREA

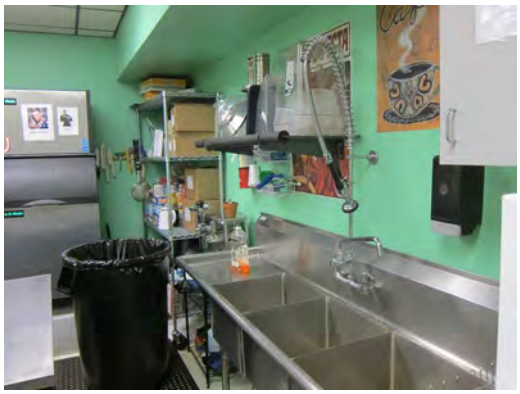


PHOTO #11	JUICE BAR



PHOTO #12	UNUSED LAB AREA



PHOTO #13	RECIEVING AREA



PHOTO #14	JANITORIAL CLOSET



PHOTO #15	MAINTENANCE SUPPLIES (PAINT)



PHOTO #16	LABORATORY CHEMICALS



PHOTO #17	PROPANE



PHOTO #18	COMPRESSED NITROGEN



PHOTO #19	DUMPSTER



PHOTO #20	DUMPSTER



PHOTO #21	BIO HAZARDOUS WASTE



PHOTO #22	HAZARDOUS WASTE - LAB CHEMICALS



PHOTO #23	HAZARDOUS WASTE AREA



PHOTO #24	PAD-MOUNTED TRANSFORMER



PHOTO #25	PARKING



PHOTO #26	ADJACENT PROPERTY, EAST - AMBRY GENETICS (7 ARGONAUT)



PHOTO #27	ADJACENT PROPERTY, SOUTHEAST - PACIFIC PARK BUSINESS CENTER (8, 28, 36, 66, 72, AND 92 ARGONAUT)



PHOTO #28	ADJACENT PROPERTY, SOUTH - JOCKIMO/ MOTION SOLUTIONS (21 ARGONAUT)



PHOTO #29	ADJACENT PROPERTY, WEST - CHEVRON (23022 ALISO CREEK ROAD)



PHOTO #30	ADJACENT PROPERTY, WEST - CARL'S JR. (23002 ALISO CREEK ROAD)

APPENDIX B:
FIELD SKETCH

Field Sketch



Key:

Project Boundary

D Dumpster

T Transformer

Not drawn to scale. The north arrow indicator is an approximation of 0° North.

Project Number:

118746.16R000-003.135

Project Name:

15 Argonaut

On-Site Date:

February 11, 2016

APPENDIX C:
MAPS AND AERIAL PHOTOGRAPHS

TOPOGRAPHIC MAP



Source:

USGS Topographic Quadrangle:
San Juan Capistrano, California

– – Project Boundary

Date: 2015

The north arrow indicator is an approximation of 0□ North.

Project Number:

118746.16R000-003.135

Project Name:

15 Argonaut

On-Site Date:

February 11, 2016

WETLANDS MAP



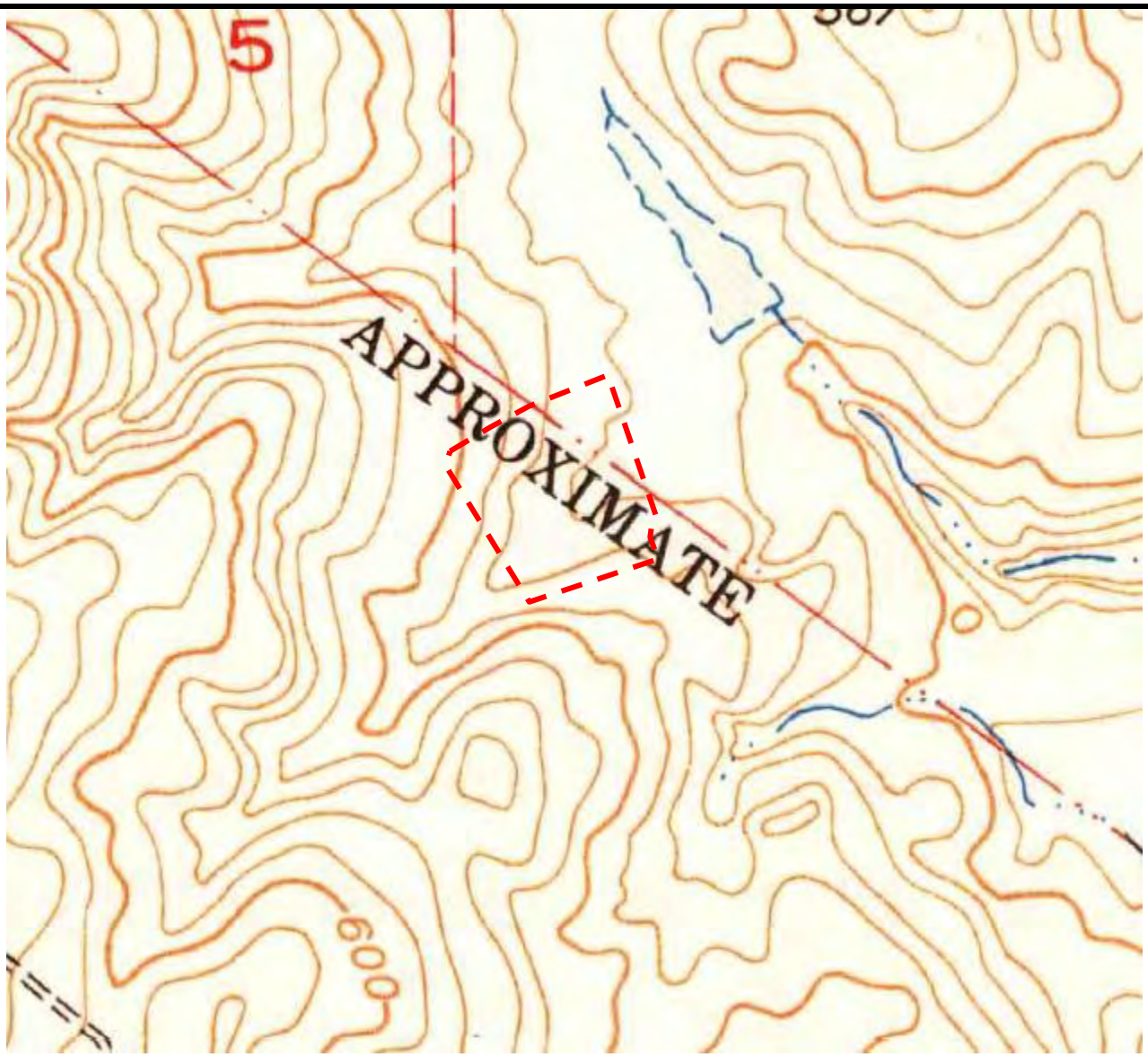
emg	**Source:** U.S. Fish and Wildlife Service – – Project Boundary	**Project Number:** 118746.16R000-003.135
N	Date: 2016 The north arrow indicator is an approximation of 0□ North.	**Project Name:** 15 Argonaut **On-Site Date:** February 11, 2016

TAX MAP



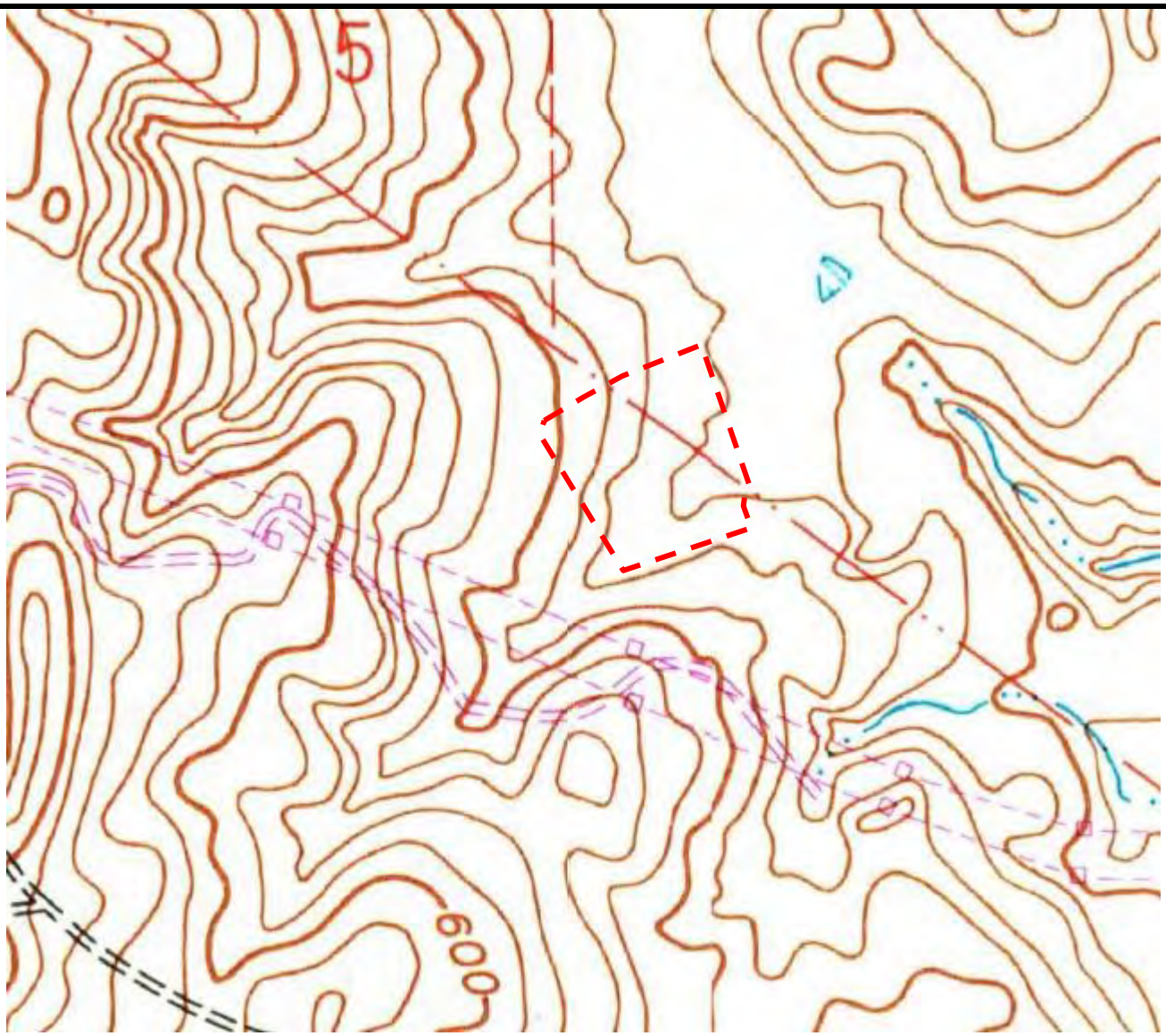
emg	**Source:** Orange County Assessor Project Boundary	**Project Number:** 118746.16R000-003.135
N	The north arrow indicator is an approximation of 0 North.	**Project Name:** 15 Argonaut **On-Site Date:** February 11, 2016

HISTORIC TOPOGRAPHIC MAP



emg	**Source:** USGS Project Boundary Date: 1949	**Project Number:** 118746.16R000-003.135
N	The north arrow indicator is an approximation of 0□North.	**Project Name:** 15 Argonaut
		On-Site Date: February 11, 2016

HISTORIC TOPOGRAPHIC MAP



Source:

USGS

Project Boundary

Date: 1981

The north arrow indicator is an approximation of 0□North.

Project Number:

118746.16R000-003.135

Project Name:

15 Argonaut

On-Site Date:

February 11, 2016

AERIAL PHOTOGRAPH



Source:

ERIS

Project Boundary

Date: 1947

The north arrow indicator is an approximation of 0□North.

Project Number:

118746.16R000-003.135

Project Name:

15 Argonaut

On-Site Date:

February 11, 2016

AERIAL PHOTOGRAPH



	Source: ERIS **Project Boundary** **Date: 1963**	**Project Number:** 118746.16R000-003.135
		Project Name: 15 Argonaut
N	The north arrow indicator is an approximation of 0□North.	**On-Site Date:** February 11, 2016

AERIAL PHOTOGRAPH



Source:

ERIS

Project Boundary

Date: 1972

The north arrow indicator is an approximation of 0□North.

Project Number:

118746.16R000-003.135

Project Name:

15 Argonaut

On-Site Date:

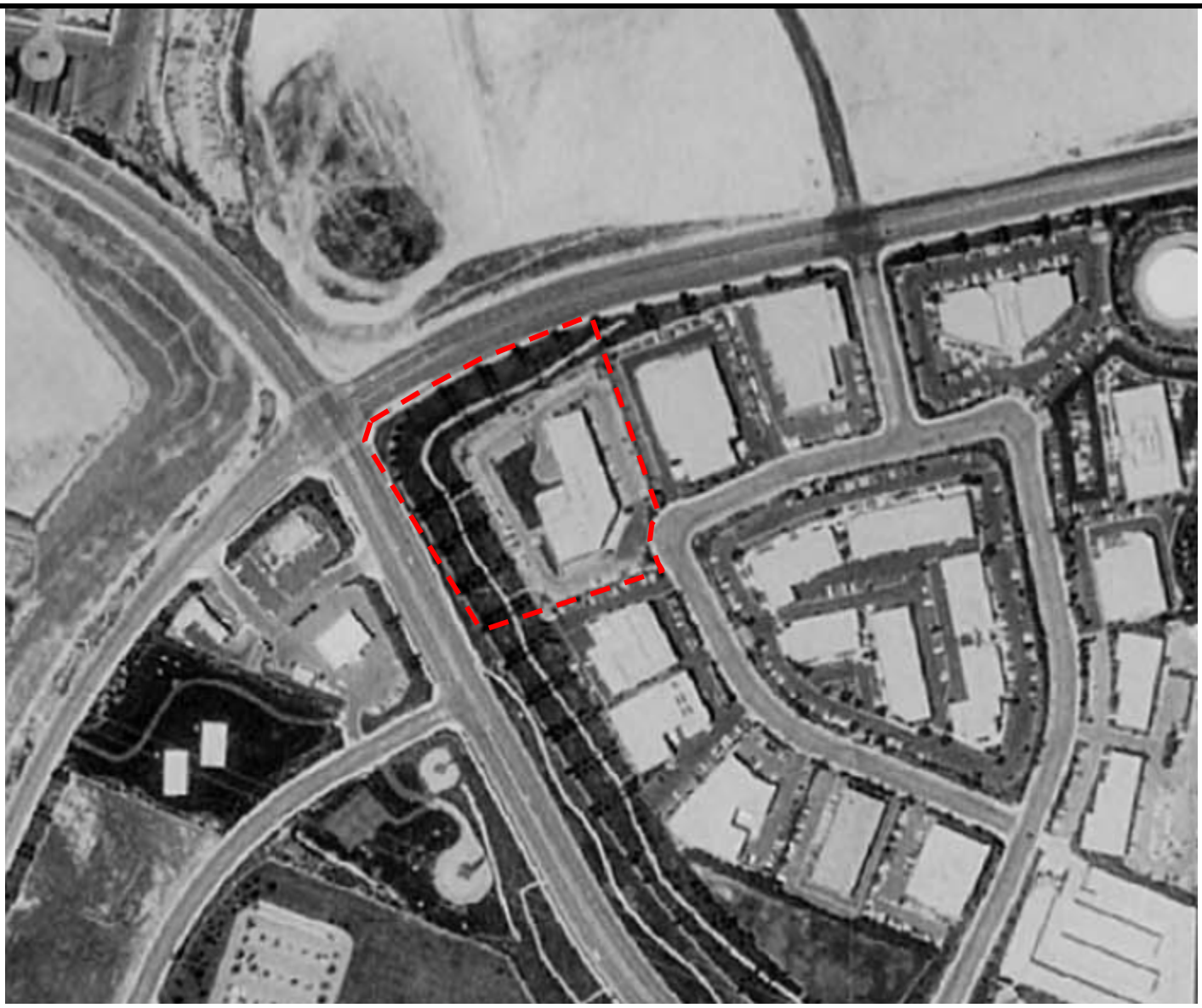
February 11, 2016

AERIAL PHOTOGRAPH



	Source: ERIS Project Boundary Date: 1981	**Project Number:** 118746.16R000-003.135
		Project Name: 15 Argonaut
	The north arrow indicator is an approximation of 0□North.	**On-Site Date:** February 11, 2016

AERIAL PHOTOGRAPH



	Source: ERIS Project Boundary **Date: 1994**	**Project Number:** 118746.16R000-003.135
		Project Name: 15 Argonaut
	The north arrow indicator is an approximation of 0□North.	**On-Site Date:** February 11, 2016

AERIAL PHOTOGRAPH



	Source: ERIS **Project Boundary** **Date: 2005**	**Project Number:** 118746.16R000-003.135
		Project Name: 15 Argonaut
N	The north arrow indicator is an approximation of 0□North.	**On-Site Date:** February 11, 2016

AERIAL PHOTOGRAPH



Source:

ERIS

Project Boundary

Date: 2014

The north arrow indicator is an approximation of 0□North.

Project Number:

118746.16R000-003.135

Project Name:

15 Argonaut

On-Site Date:

February 11, 2016

APPENDIX D:
QUESTIONNAIRES

engineering | environmental | capital planning | project management

KEY SITE MANAGER QUESTIONNAIRE

Name of person completing questionnaire: Robert Vincent

Association with property: Property Manager

Length of association with property: 3 years

Date: 2/4/16

Phone Number: 480-760-5408

Property Name: 15 Argonaut Aliso Viejo, CA 92656

EMG Project Number:

-

Directions: Please answer all questions to the best of your knowledge and in good faith. Mark the column corresponding to the appropriate response. Additional details necessary to explain any **yes or unknown responses** should be provided in the "Comments" column.
Note: *U/NR* indicates *"Unknown"* or *"No Response"*.

QUESTION		RESPONSE			COMMENTS
		Y	N	U/NR	
1A.	Is the Project used for an industrial use?		X		
1B.	Are any adjoining properties used for an industrial use?	X			
2A.	To the best of your knowledge, has the Project been used for an industrial use in the past?	X			
2B.	To the best of your knowledge, has any adjoining properties been used for an industrial use in the past?	X			
3A.	Is the Project used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X		
3B.	Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X		
4A.	To the best of your knowledge, has the Project been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X		

QUESTION		RESPONSE			COMMENTS
		Y	N	U/NR	
4B.	To the best of your knowledge, has any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?			X	
5A.	Are there currently any automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of greater than five gallons in volume or fifty gallons in the aggregate, stored on or used at the Project?		X		
5B.	To the best of your knowledge, have there been previously any automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of greater than five gallons in volume or fifty gallons in the aggregate, stored on or used at the Project?			X	
6A.	Are there currently any industrial drums (typically 55 gallon) or sacks of chemicals located on the Project?		X		
6B.	To the best of your knowledge, have there been previously any industrial drums (typically 55 gallon) or sacks of chemicals located on the Project?		X		
7A.	Are there currently any groundwater monitoring wells or other groundwater wells (i.e., potable drinking water wells) located on the Project?		X		
7B.	To the best of your knowledge, have there been previously any groundwater monitoring wells or other groundwater wells (i.e., potable drinking water wells) located on the Project?		X		
8A.	Has fill dirt been brought onto the Project which originated from a contaminated site?			X	
8B.	Has fill dirt been brought onto the Project which is of an unknown origin?			X	
9A.	Are there currently any pits, ponds or lagoons located on the Project in connection with waste treatment or waste disposal?		X		
9B.	To the best of your knowledge, have there been previously any pits, ponds or lagoons located on the Project in connection with waste treatment or waste disposal?		X		
10A.	Is there currently, any stained soil on the Project?		X		
10B.	To the best of your knowledge, has there been previously any stained soil on the Project?		X		
11A.	Are there currently any registered or unregistered storage tanks (above or underground) located on the Project?		X		

QUESTION		RESPONSE			COMMENTS
		Y	N	U/NR	
11B.	To the best of your knowledge, have there been previously any registered or unregistered storage tanks (above or underground) located on the Project?		X		
12A.	Are there currently any vent pipes, fill pipes or access ways indicating a fill pipe protruding from the ground on the Project or adjacent to any structure located on the Project?		X		
12B.	To the best of your knowledge, have there been previously any vent pipes, fill pipes or access ways indicating a fill pipe protruding from the ground on the Project or adjacent to any structure located on the Project?		X		
13A.	Are there currently any flooring, drains, or walls located at the Project that are stained by substances other than water or are emitting foul odors?		X		
13B.	To the best of your knowledge, have there been previously any flooring, drains, or walls located at the Project that are stained by substances other than water or are emitting foul odors?		X		
14A.	If the Project is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system?		X		\\N/A
14B.	If the Project is served by a private well or non-public water system, has the well been designated as contaminated by any government environmental/health agency?		X		\\N/A
15A.	Have you been informed of the past existence of hazardous substances or petroleum products with respect to the Project or any facility located on the Project?		X		
15B.	Have you been informed of the current existence of hazardous substances or petroleum products with respect to the Project or any facility located on the Project?		X		
16A.	Are there any environmental liens or governmental notification relating to past or current violations of environmental laws with respect to the Project or any facility located on the Project?		X		
16B.	Have you been informed of the past existence of environmental violations with respect to the Project or any facility located on the Project?		X		
16C.	Are you aware of any pending, threatened, or past litigation relevant to hazardous substances of petroleum products in, on or from the property?		X		

QUESTION		RESPONSE			COMMENTS
		Y	N	U/NR	
16D.	Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property?		X		
16E.	Are you aware of any notices from any governmental entity regarding any possible violation or environmental laws or possible liability relating to hazardous substances or petroleum products?		X		
17.	Have there been any environmental site assessments of the Project that indicated the presence of hazardous substances or petroleum products on, or contamination of, the Project or recommended further assessment of the Project?			X	
18.	Does the Project discharge waste water on or adjacent to the project, other than storm water, into a storm water sewer system?		X		
19.	Does the Project discharge waste water on or adjacent to the project, other than storm water, or into a sanitary system?		X		
20.	Have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the Project?			X	
21.	Is there a transformer, capacitor or any hydraulic equipment for which there are any records indicating the presence of PCBs?		X		
22.	Is there now or has there ever been any asbestos-containing materials (ACM), in any application, on the Project?			X	
23.	Has there ever been any asbestos-containing materials testing conducted on the Project?			X	
24.	Is there an asbestos Operations and Maintenance (O&M) program in place at the Project?			X	
25.	Is there now or has there ever been any lead-based paint (LBP) applications on the Project?			X	
26.	Has there ever been lead-based paint testing conducted on the Project?			X	
27.	Is there a Lead Paint Operations and Maintenance (O&M) Program in place at the Project?			X	
28.	Has the water at the Project ever been tested for lead?			X	
29.	Has Radon testing ever been conducted at the Project?			X	
30.	Are there any other Operations and Maintenance (O&M) programs in place that we should be made aware of?			X	

QUESTION		RESPONSE			COMMENTS
		Y	N	U/NR	
31.	Is the Project or any portion of the Project located or involved in any environmentally sensitive areas (i.e., wetlands, coastal barrier resource areas, coastal barrier improvement act areas, flood plains, endangered species, etc.)?		X		
32.	Do you know or suspect that mold was or is present in the building(s) or HVAC system? - If "Yes", proceed to question #33. - If "No", skip question #33 and proceed to question #34.		X		
33.	Are there reliable procedures that specify the actions (i.e. operations and maintenance) to be taken to prevent and/or respond to mold or mold producing problems?				
34.	Is there a mold Operations and Maintenance (O&M) program in place at the Project?		X		
35.	Is the HVAC system inspected at least annually?	X			
36.	Have identified HVAC problems been corrected in a timely manner?	X			
37.	Is there now, or has there ever been evidence of mold or mildew present at the building(s)? If so, when?		X		
38.	Is there now, or has there ever been any water damage in the building(s), whether from flooding, plumbing, roof leaks, or other sources? If so, when?		X		
39.	Has there ever been any sort of Indoor Air Quality (IAQ) or mold testing conducted in the building(s)?		X		

Summarize historical Project use (when was the Project developed with the current improvements, what modifications have taken place, what was the Project used for prior to it's current use)	

Name (please print): Robert Vincent **Date** 2/5/16

Signature:

APPENDIX E:
LABORATORY ANALYTICAL RESULTS

NO DOCUMENTS ASSOCIATED WITH THIS APPENDIX

APPENDIX F:
SUPPORTING DOCUMENTATION

COUNTY OF ORANGE
CERTIFICATE OF USE AND OCCUPANCY

FILE COPY

ADDRESS 415 Argonaut

USE Permit No.	Group	Lot	Block	Tract
66618		12		

USE Two story concrete tilt-up office corporate building

ISSUED TO OWNER: Kammari Business Partners

ON: 8-9-89

The building described herein has been inspected and found to comply with the provisions of all County of Orange Ordinances applicable thereto.

THIS IS A LEGAL DOCUMENT AND MUST BE GIVEN TO THE LEGAL OWNER OR PURCHASER

Mail To

Kammari Business Partners
4350 Van Karman
Newport Beach, CA 92660

F0260-138.0 (R1/89)

Floyd G. McLellan

FLOYD G. McLELLAN
County Building Official
Environmental Management Agency
PO Box 4048
12 Civic Center Plaza
SANTA ANA, CALIFORNIA 92702-4048

APPLICATION FOR A BUILDING PERMIT AND A CERTIFICATE OF USE & OCCUPANCY

COUNTY OF ORANGE
ENVIRONMENTAL MANAGEMENT AGENCY
REGULATION
P.O. BOX 4048 SANTA ANA, CA 92702

REGIONAL OFFICE
25961 TRITON WAY
LAGUNA HILLS, CA 92653
714-472-7975

CENTRAL OFFICE
12 CIVIC CENTER PLAZA
SANTA ANA, CA 92701-4048
714 834-2626

PRESS HARD WHEN WRITING

BUILDING ADDRESS #15 ARGONAUT
AREA LAGUNA HILLS
OWNER Kammani Business Partners
MAILING ADDRESS 4350 Von Karman PHONE
CITY Newport Beach ZIP 92660
ARCHITECT OR ENGINEER Banuelos/Rierson PHONE
ADDRESS 4501 E La Palma #202 Anah. PHONE
CONTRACTOR
ADDRESS

CERTIFICATE FOR REGULATION PERMIT

Contractors

I certify that the following Contr Lic No ____ and Classification ____ is in full force and effect
Workman's Compensation Insurance Certificate on file verified by ____
Expiration Date ____

Other Applicants

I hereby certify I am exempt from Sec 7031 of the Business and Professional Code, Div 3, Chap 9, Contractor's License Law under the following section
- ☐ Owner (Sect 7044), or
- ☐ Minor Work under $200 (Sect 7048), or
- ☐ Employee working for wages only (Sec 7051), or
- ☐ OTHER

Certification of Exemption from Sect 3800 of the California Labor Code, Article 3, Construction Permit
- ☑ The permit is for One Hundred Dollars ($100) or less
- ☐ I certify that in the performance of the work for which the permit is issued I shall not employ any person in any manner so as to become subject to the Workmen's Compensation laws of California

If after making such certification the applicant for this permit should become subject to the Workmen's Compensation provisions of the Labor Code the applicant shall forthwith comply with the provisions of Sect 3700 of this permit shall be deemed revoked

I hereby acknowledge and state that the information I have provided is correct both on the permit and this certificate and agree to comply with all County ordinances and State laws regulating building construction

(Applicants Signature) Date 1/25/89 Permit No ____

ZONING REGULATIONS

LEGAL DESCRIPTION TRACT 85-158 BLOCK ____ LOT 12
(PLEASE ATTACH METES AND BOUNDS)

ZONE PC VARIANCE NO. P88-186A
BUILDING SETBACK C/L ST. 67' PROPERTY LINE ____
SIDE YARD, RIGHT 76' EAVE PROJECTION ____
SIDE YARD, LEFT 58' EAVE PROJECTION ____
REAR YARD (TO P/L) 135' STREET WIDTH ____
PARKING SPACE REQUIRED ____ PROVIDED ____
MISC.

A.P. 623-093-10 DIST. NO 5B
ZONING APPROVED [signature] DATE 1-25-89

37,151 SF

DESCRIPTION OF WORK

NEW X ADD ☐ ALTER ☐ REPAIR ☐ DEMOLISH ☐
SIZE SQ FT ~~39000~~ NO OF STORIES
PROPOSED USE OF STRUCTURE Two story concrete tilt-up office corporate Building
CONSTRUCTION LENDER NAME ☐ UNKNOWN
BRANCH
ADDRESS
GRADING PRE INSP FEE $ ____ PC FEE $ 25.76
VALUATION $ 1,374,760 BLDG PERMIT FEE $ 4,160.31
SPECIAL FEATURES 32 TYPE OF CONSTR SPN LOCS FEAT 85 OCC GROUP ____
PLANS CHECKED BY [signature] PERMIT ISSUANCE APPROVED [signature]
GRADING PERMIT REQD YES X NO ☐ 612,453 ROUGH GRADING OK 1-26-89 11-27-89*

INSPECTION RECORD

APPROVALS	DATE	INSPECTOR'S INITIALS
FOUNDATION (CONCRETE)	3-13-89	Sel
BUILDING CODE		
SLAB		
UNDERGROUND	5/10/89	Sel
MASONRY BOND BEAM PANELS	5/15/89	Sel
FIREPLACE Above Slab	5/29/89	Sel
ROOF SHEATING ROOF FRAMING	6/7/89	Sel
FRAMING	6/11/89	Sel
INSULATION (SOUND ENERGY)	6/7/89	Sel
LATH EXTERIOR	6/15/89	Sel
LATH ☐ DRYWALL ☑ INTERIOR	6/15/89	Sel
PLASTER BROWN COAT		
FINAL BUILDING	8/9/89	Sel
FINAL ZONING		

REMARKS YARD LETTER ATTACHED

* Type V Concrete for footings & slabs on grade

~~4 01/25/89 64617 4,160.31 NRB250 2,576.30 NRA240 $$$$6,736.61 TOTAL~~
~~6,736.61 TRD002~~

CASHIER DATE PERMIT NO VALIDATION PERMIT/FEE CODE PLANCHECK TOTAL

INSTRUCTIONS TO APPLICANT: Use indelible pencil or ball point pen and PRINT
Otherwise, fill out form with typewriter

4 01/25/89 64618 4,160.31 NRB250 4,160.31 TRD002 $$$$4,160.31 TOTAL

OCT 11 1993

8" COLUMN PAD FOOTINGS B-2, C-2, B-4, C-4, 5-H, B-5, C-5, E-5, C-6, D-8, D-9, BETWEEN D & E ON 9, E-8 & F-8 OK TO POUR & Signed

E-8 INTERIOR COLUMN PAD FOOTING & GRADE BEAM & 2 COURSE FEET OF EXT. FOOTING @ END OF GRADE BEAM OK TO POUR INT

2/15/88 INT Slg 001 pads & entrance slabs. Inspected for concrete - Sig

1/24/89 Ext. Footings Line A 1-E OK to pour Sig

3/10/89 pads 5 20 to 31 OK J.S.

3/20/89 more of partial pts OK to pour — As high lighted, see plans — Sig

5/30/89 Tin can frame OK other than at plng areas Sig

6/27/89 Ext stairway to the rear flgs & 2nd. level deck & Trash slab OK to pour — Sig

7/6/89 4 FHC partial OK to pour [illegible]

8/3/89 Temp Coil OK Sig

COUNTY OF ORANGE
HEALTH CARE AGENCY

ENVIRONMENTAL HEALTH
http://www.ochealthinfo.com/regulatory/environ.htm

MAILING ADDRESS:
1241 E. DYER ROAD STE. 120
SANTA ANA, CA 92702

TELEPHONE: (714) 433-6000
FAX: (714) 433-6424

REQUEST FOR ENVIRONMENTAL HEALTH RECORDS

The undersigned hereby requests a copy of the records prepared and maintained by the Health Care Agency in the ordinary course of business, at or near the time of the act, condition, or event which they depict.

The records requested are maintained under the Public Records Act Government Code § 6250 □ 6276.48. Some information held in the documents may be exempt from release pursuant to the Public Records Act.

The undersigned understands that the Health Care Agency will charge □0.15 per page copied. In the case of a request for a large number of copies, the Health Care Agency may provide the requestor an estimate of copy costs prior to making said copies. If any request is to be canceled, this office must be notified at the above number within ten (10) days of receipt of request, otherwise cost incurred will be charged to the undersigned.

In order to assist you, please describe the reason for your request:

Environmental Report

Please list addresses here (no more than 10 addresses per request):

15 Argonaut
Aliso Viejo, CA 92656

Check here if you would like a review only or to review before copies are made ☒

_____
SIGNATURE of Requester

Talmage Jordan: EMG

PRINT Name of Requester (and Company Name - if applicable)

10461 Mill Run Circle, Suite 1100 — 310-345-3377
PRINT Street Address — Area Code and Phone Number

Owings Mills, MD, 21117 — February 10, 2016
PRINT City, State and Zip Code — **Date**

RECORDS THAT HAVE NOT BEEN PICKED UP WITHIN 60 DAYS OF NOTIFICATION WILL BE DESTROYED

ORANGE COUNTY FIRE AUTHORITY

P. O. Box 57115, Irvine, CA 92619 1 Fire Authority Rd., Irvine, CA 92602

Keith Richter, Fire Chief (714) 573-6000 fax (714) 368-88 36 www.ocfa.org

Community Right To Know Records Search Form

Check the information needed:
- [X] Hazardous Materials Inventory Information
- o Business Emergency Plan Information
- o Code Enforcement or Inspection Information

Date Requested: August 18, 2014

Record Search Requested for the Following Address:

BUSINESS NAME			
BUSINESS SITE ADDRESS	15 Argonaut		
CITY: Aliso Viejo		CA	ZIP CODE 92656
Reason for the Request:	ENVIRONMENTAL REPORT AND ASSESSMENT		

Code Enforcement Information Requested:

Fire Code Violation History
- [x] Current Occupant
- [x] Previous Occupant
- [x] Other -HAZMAT AND UST

Permits
- [x] Current Permits
- [x] All Permits on File
- [x] Chemical Database

Information Requested by:

NAME OF REQUESTOR: Talmage Jordan		BUSINESS PHONE FAX NUMBER: Office: 310-345-3377 Fax: 410-785-6220
REQUESTOR'S COMPANY NAME: EMG		
COMPANY ADDRESS: 10461 Mill Run Circle, Suite 1100		
CITY: Owings Mills	STATE: MD	ZIP CODE: 21117

OFFICIAL USE ONLY

Request received:	Processed by:	BID#

- o Records found in system
- o Records not found in system

Referred:
- o Trade Secret Information Requested
- o Folder Requested for Information: o Station _____ o HMSS o NAN o SAN

Additional Comments:

Revised 1/2003 jb

FIRE INSURANCE MAP RESEARCH RESULTS

Date: 2016-02-04

Order Number:20160204086

15 Argonaut, Aliso Viejo, CA, 92656

ERIS has searched our in-house collection of close to 1 million Fire Insurance Maps for the address at 15 Argonaut, Aliso Viejo, CA, 92656.

Please note that no information was found for your site or adjacent properties.

If you have any questions regarding the enclosed information, please do not hesitate to contact us.

Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

Address: 38 Lesmill Road Unit 2, Toronto, ON M3B 2T5
Phone: 416-510-5204 Fax: 416-510-5133
info@erisinfo.com www.erisinfo.com

APPENDIX G:

PREVIOUS ENVIRONMENTAL ASSESSMENTS

NO DOCUMENTS ASSOCIATED WITH THIS APPENDIX

APPENDIX H:
REGULATORY DATABASE REPORT

ENVIRONMENTAL RISK INFORMATION SERVICE

DATABASE REPORT

Project Property:	*15 Argonaut* *15 Argonaut* *Aliso Viejo CA 92656*
Project No:	*118746.16R-003.135*
Report Type:	*Database Report + FIMs*
Order No:	*20160204086*
Requested by:	*EMG, Inc*
Date Completed:	*February 4, 2016*

Ecolog ERIS Ltd.
Environmental Risk Information Service Ltd. (ERIS)
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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Executive Summary

Property Information:

Project Property:	*15 Argonaut* *15 Argonaut Aliso Viejo CA 92656*
Project No:	*118746.16R-003.135*

Coordinates:

Latitude:	*33.593708*
Longitude:	*-117.727431*
UTM Northing:	*3,717,345.71*
UTM Easting:	*432,504.44*
UTM Zone:	*UTM Zone 11S*

Elevation: *462 FT*

Order Information:

Order No:	*20160204086*
Date Requested:	*February 4, 2016*
Requested by:	*EMG, Inc*
Report Type:	*Database Report + FIMs*

Ancillary Products:

Aerial Photographs	*Historical Aerials*
Fire Insurance Maps	*US Fire Insurance Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	.5	0	0	0	0	-	0
CERCLIS	Y	.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	.5	0	0	0	0	-	0
RCRA GEN	Y	.25	1	4	0	-	-	5
RCRA NON GEN	Y	.25	0	0	0	-	-	0
FED ENG	Y	.5	0	0	0	0	-	0
FED INST	Y	.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	1
FED BROWNFIELDS	Y	.5	0	0	0	0	-	0
MLTS	Y	PO	0	-	-	-	-	0
State								
UST CLOSURE	Y	.25	0	0	0	-	-	0
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	0	0	0	0	0
SWF/LF	Y	.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	0	0	0
LDS	Y	.5	0	0	0	0	-	0
LUST	Y	.5	0	0	0	1	-	1
DLST	Y	.5	0	0	0	0	-	0
UST	Y	.25	1	1	2	-	-	4
AST	Y	.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
HHSS	Y	.25	0	0	0	-	-	0
LUR	Y	.5	0	0	0	0	-	0
HLUR	Y	.5	0	0	0	0	-	0
DEED	Y	.5	0	0	0	0	-	0
VCP	Y	1	0	0	0	0	0	0
CLEANUP SITES	Y	.5	0	0	0	0	-	0
WIP	Y	.25	0	0	0	-	-	0
Tribal								
INDIAN LUST	Y	.5	0	0	0	0	-	0
INDIAN UST	Y	.25	0	0	0	-	-	0
County								
ALAMEDA LOP	Y	.5	0	0	0	0	-	0
ALAMEDA UST	Y	.25	0	0	0	-	-	0
AMADOR CUPA	Y	.25	0	0	0	-	-	0
BUTTE CUPA	Y	.25	0	0	0	-	-	0
CALAVERAS CUPA	Y	.25	0	0	0	-	-	0
CALAVERAS LF	Y	.5	0	0	0	0	-	0
CALAVERAS LUST	Y	.5	0	0	0	0	-	0
COLUSA CUPA	Y	.25	0	0	0	-	-	0
CONTRACO CUPA	Y	.25	0	0	0	-	-	0
DELNORTE CUPA	Y	.25	0	0	0	-	-	0
ELDORADO CUPA	Y	.25	0	0	0	-	-	0
FRESNO CUPA	Y	.25	0	0	0	-	-	0
HUMBOLDT CUPA	Y	.25	0	0	0	-	-	0
IMPERIAL CUPA	Y	.25	0	0	0	-	-	0
INYO CUPA	Y	.25	0	0	0	-	-	0
KERN CUPA	Y	.25	0	0	0	-	-	0
KERN UST	Y	.25	0	0	0	-	-	0
KINGS CUPA	Y	.25	0	0	0	-	-	0
LAKE CUPA	Y	.25	0	0	0	-	-	0
ELSEGUNDO UST	Y	.25	0	0	0	-	-	0
TORRANCE UST	Y	.25	0	0	0	-	-	0
LA HMS	Y	.25	0	0	0	-	-	0
LA LONGB UST	Y	.25	0	0	0	-	-	0
LA SWF	Y	.5	0	0	0	0	-	0
MADERA CUPA	Y	.25	0	0	0	-	-	0
MARIN CUPA	Y	.25	0	0	0	-	-	0
MERCED CUPA	Y	.25	0	0	0	-	-	0
MONO CUPA	Y	.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
MONTEREY CUPA	Y	.25	0	0	0	-	-	0
NAPA UST	Y	.25	0	0	0	-	-	0
NEVADA CUPA	Y	.25	0	0	0	-	-	0
ORANGE AST	Y	.25	0	1	0	-	-	1
ORANGE UST	Y	.25	0	1	1	-	-	2
PLACER CUPA	Y	.25	0	0	0	-	-	0
RIVERSIDE LOP	Y	.5	0	0	0	0	-	0
RIVERSIDE UST	Y	.25	0	0	0	-	-	0
SACRAMENTO HAZ	Y	.5	0	0	0	0	-	0
SACRAMENTO TOX	Y	.5	0	0	0	0	-	0
SANBERN CUPA	Y	.25	0	0	0	-	-	0
SANDIEGO HAZ	Y	.25	0	0	0	-	-	0
SANDIEGO SAM	Y	.5	0	0	0	0	-	0
SANDIEGO SWF	Y	.5	0	0	0	0	-	0
SANFRAN AST	Y	.25	0	0	0	-	-	0
SANFRAN CUPA	Y	.25	0	0	0	-	-	0
SANFRAN LOP	Y	.5	0	0	0	0	-	0
SANFRAN UST	Y	.25	0	0	0	-	-	0
SANJOAQUIN AST	Y	.25	0	0	0	-	-	0
SANJOAQUIN UST	Y	.25	0	0	0	-	-	0
SANJOAQUIN HW	Y	.5	0	0	0	0	-	0
SANMATEO CUPA	Y	.25	0	0	0	-	-	0
SANMATEO LOP	Y	.5	0	0	0	0	-	0
SANTACLARA CUPA	Y	.25	0	0	0	-	-	0
SANTACLARA LO	Y	.5	0	0	0	0	-	0
SANTACRUZ CUPA	Y	.25	0	0	0	-	-	0
SANLUISOB CUPA	Y	.25	0	0	0	-	-	0
SHASTA CUPA	Y	.25	0	0	0	-	-	0
SOLANO CUPA	Y	.25	0	0	0	-	-	0
SOLANO LOP	Y	.5	0	0	0	0	-	0
SOLANO UST	Y	.25	0	0	0	-	-	0
SONOMA CUPA	Y	.25	0	0	0	-	-	0
SONOMA LOP	Y	.5	0	0	0	0	-	0
SONOMA PETAL	Y	.25	0	0	0	-	-	0
SUTTER CUPA	Y	.25	0	0	0	-	-	0
TUOLUMNE CUPA	Y	.25	0	0	0	-	-	0
VENTURA CUPA	Y	.25	0	0	0	-	-	0
OXNARD CUPA	Y	.25	0	0	0	-	-	0
VENTURA INUST	Y	.25	0	0	0	-	-	0
VENTURA HLUFT	Y	.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
YOLO UST	Y	.25	0	0	0	-	-	0
YUBA CUPA	Y	.25	0	0	0	-	-	0
BKRSFIELD CUPA	Y	.25	0	0	0	-	-	0
SANTACLARA GIL	Y	.25	0	0	0	-	-	0
GLENN CUPA	Y	.25	0	0	0	-	-	0
LASSEN CUPA	Y	.25	0	0	0	-	-	0
MARIPOSA CUPA	Y	.25	0	0	0	-	-	0
SISKIYOU CUPA	Y	.25	0	0	0	-	-	0
STANISLAUS CUPA	Y	.25	0	0	0	-	-	0
TRINITY CUPA	Y	.25	0	0	0	-	-	0
TULARE CUPA	Y	.25	0	0	0	-	-	0

Additional Environmental Records

Federal

FINDS/FRS	Y	PO	1	-	-	-	-	3
TRIS	Y	PO	0	-	-	-	-	0
HMIRS	Y	.125	0	0	-	-	-	0
NCDL	Y	PO	0	-	-	-	-	0
ODI	Y	.5	0	0	0	0	-	0
IODI	Y	.5	0	0	0	0	-	0
TSCA	Y	.125	0	0	-	-	-	0
HIST TSCA	Y	.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0

State

INSP COMP ENF	Y	1	0	0	0	0	0	0
CDL	Y	.125	0	0	-	-	-	0
SCH	Y	1	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
SWAT	Y	.5	0	0	0	0	-	0
HAZNET	Y	PO	10	-	-	-	-	15
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HIST MANIFEST	Y	PO	0	-	-	-	-	0

Tribal

No Tribal additional environmental record sources available for this State.

County

LA SML	Y	.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
RIVERSIDE HZH	Y	.125	0	0	-	-	-	0
RIVERSIDE HWG	Y	.125	0	0	-	-	-	0
SANJOAQUIN HM	Y	.125	0	0	-	-	-	0
VENTURA HAZR	Y	.5	0	0	0	0	-	0
HW INACTIVE	Y	.5	0	0	0	0	-	0
DELISTED COUNTY	Y	.25	0	0	0	-	-	0
Total:			13	7	3	1	0	32

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist mi	Elev diff ft	Page Number
1	UST	CHEVRON # 0200913	23022 ALISO CREEK RD ALISO VIEJO CA 92656 ***Facility ID:*** *12182*	-/0.00	-3	21
2	FINDS/FRS	AMBRY GENETICS CORP	15 ARGONAUT ALISO VIEJO CA 92656	ESE/0.01	-7	21
2	HAZNET	ARBONNE INTERNATIONAL	15 ARGONAUT ALISO VIEJO CA 926560000	ESE/0.01	-7	21
2	HAZNET	1X KAMINARI	15 ARGONAUT STREET ALISO VIE JO CA 926560000	ESE/0.01	-7	22
2	HAZNET	AMBRY GENETICS CORP	15 ARGONAUT ALISO VIEJO CA 926560000	ESE/0.01	-7	22
2	HAZNET	CENTON ELECTRONICS INC	15 ARGONAUT ALISO VIEJO CA 92656	ESE/0.01	-7	23
2	HAZNET	KAMANARI INC	15 ARGONAUT ALISO VIEJO CA 926561423	ESE/0.01	-7	25
2	HAZNET	AMBRY GENETICS CORP	15 ARGONAUT ALISO VIEJO CA 926560000	ESE/0.01	-7	25
2	HAZNET	GREEN CO SERVICES LLC	15 ARGONAUT ALISO VIEJO CA 926561423	ESE/0.01	-7	26
2	HAZNET	STRACON MANUFACTURING	15 ARGONAUT ALISO VIEJO CA 926561423	ESE/0.01	-7	27
2	HAZNET	AMBRY GENETICS CORPROATION	15 ARGONAUT ALISO VIEJO CA 92656	ESE/0.01	-7	27
2	HAZNET	AMBRY GENETICS CORP	15 ARGONAUT ALISO VIEJO CA 926560000	ESE/0.01	-7	34

Map Key	DB	Company/Site Name	Address	Dir/Dist mi	Elev diff ft	Page Number
2	RCRA GEN	AMBRY GENETICS CORP	15 ARGONAUT ALISO VIEJO CA 92656	ESE/0.01	-7	34

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist mi	Elev Diff ft	Page Number
3	ERNS		23022 ALISO CREEK ALISO VIEJO CA	SW/0.01	51	37
3	FINDS/FRS	CHEVRON STATION 200913	23022 ALISO CREEK RD ALISO VIEJO CA 92656	SW/0.01	51	38
3	HAZNET	CHEVRON 200913	23022 ALISO CREEK RD ALISO VIEJO CA 926560000	SW/0.01	51	39
3	RCRA GEN	CHEVRON 200913	23022 ALISO CREEK RD ALISO VIEJO CA 92656	SW/0.01	51	49
3	ORANGE UST	CHEVRON # 0200913	23022 ALISO CREEK RD ALISO VIEJO CA 92656 ***Facility ID***: FA0024729	SW/0.01	51	52
4	UST	ECONO LUBE N TUNE	22932 GLENWOOD DR ALISO VIEJO CA 92656 ***Facility ID***: 14836	NW/0.02	51	52
5	FINDS/FRS	HUNTER GRAPHICS INC	21 ARGONAUT ALISO VIEJO CA 92656	ESE/0.01	-7	52
5	HAZNET	HUNTER GRAPHICS INC	21 ARGONAUT ALISO VIEJO CA 926560000	ESE/0.01	-7	53
5	HAZNET	TOMORROW'S LOOK INC DBA DIMENSIONS SCRN	21 ARGONAUT ALISO VIEJO CA 926560000	ESE/0.01	-7	53
5	HAZNET	HUNTER GRAPHICS INC	21 ARGONAUT ALISO VIEJO CA 926560000	ESE/0.01	-7	55
5	HAZNET	NICHOLAS HOLDINGS	21 ARGONAUT STE A ALISO VIEJO CA 926564150	ESE/0.01	-7	56
5	RCRA GEN	HUNTER GRAPHICS INC	21 ARGONAUT ALISO VIEJO CA 92656	ESE/0.01	-7	56

Map Key	DB	Company/Site Name	Address	Dir/Dist mi	Elev Diff ft	Page Number
6	RCRA GEN	AMBRY GENETICS CORPORATION	7 ARGONAUT ALISO VIEJO CA 92656	E/0.02	-7	57
7	ORANGE AST	MEINEKE & ECONO LUBE #4129	22932 GLENWOOD ALISO VIEJO CA 92656 ***Facility ID***: FA0053111	WSW/0.08	67	59
8	RCRA GEN	PARA TECH COATING INC	35 ARGONAUT ALISO VIEJO CA 92656	SE/0.10	-14	59
9	ORANGE UST	KENNEDY PIPELINE CO	61 ARGONAUT ALISO VIEJO CA 92656 ***Facility ID***: FA0025143	ESE/0.16	-19	60
10	UST	UNITED PARCEL SERVICE	22 BROOKLINE ALISO VIEJO CA 92656 ***Facility ID***: 10049	S/0.21	94	60
11	UST	KENNEDY PIPELINE CO	61 ARGONAUT ALISO VIEJO CA 92656 ***Facility ID***: 9851	E/0.24	-76	60
12	LUST	UNITED PARCEL SERVICE	22 BROOKLINE ALISO VIEJO CA 92656 ***Global ID / Status***: T0605902532 / Completed - Case Closed	SW/0.25	91	60

Standard

Federal

RCRA GEN - RCRA Generator List

A search of the RCRA GEN database, dated Oct 13, 2015 has found that there are 5 RCRA GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
CHEVRON 200913	23022 ALISO CREEK RD ALISO VIEJO CA 92656	SW	0.01	3

Lower Elevation	Address	Direction	Distance mi	Map Key
AMBRY GENETICS CORP	15 ARGONAUT ALISO VIEJO CA 92656	ESE	0.01	2
HUNTER GRAPHICS INC	21 ARGONAUT ALISO VIEJO CA 92656	ESE	0.01	5
AMBRY GENETICS CORPORATION	7 ARGONAUT ALISO VIEJO CA 92656	E	0.02	6
PARA TECH COATING INC	35 ARGONAUT ALISO VIEJO CA 92656	SE	0.10	8

ERNS - Emergency Response Notification System

A search of the ERNS database, dated Oct 7, 2015 has found that there are 1 ERNS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
	23022 ALISO CREEK ALISO VIEJO CA	SW	0.01	3

Lower Elevation	Address	Direction	Distance mi	Map Key

State

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Dec 4, 2015 has found that there are 1 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
UNITED PARCEL SERVICE	22 BROOKLINE ALISO VIEJO CA 92656	SW	0.25	12
	***Global ID / Status**: T0605902532 / Completed - Case Closed*			

Lower Elevation	Address	Direction	Distance mi	Map Key

UST - Permitted Underground Storage Tank (UST) in GeoTracker

A search of the UST database, dated Sep 8, 2015 has found that there are 4 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
ECONO LUBE N TUNE	22932 GLENWOOD DR ALISO VIEJO CA 92656	NW	0.02	4
	***Facility ID**: 14836*			
UNITED PARCEL SERVICE	22 BROOKLINE ALISO VIEJO CA 92656	S	0.21	10
	***Facility ID**: 10049*			

Lower Elevation	Address	Direction	Distance mi	Map Key
CHEVRON # 0200913	23022 ALISO CREEK RD ALISO VIEJO CA 92656	-	0.00	1
	***Facility ID**: 12182*			
KENNEDY PIPELINE CO	61 ARGONAUT ALISO VIEJO CA 92656	E	0.24	11
	***Facility ID**: 9851*			

County

ORANGE AST - Orange County Aboveground Petroleum Storage Tank Listing

A search of the ORANGE AST database, dated Dec 1, 2015 has found that there are 1 ORANGE AST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
MEINEKE & ECONO LUBE #4129	22932 GLENWOOD ALISO VIEJO CA 92656 ***Facility ID**: FA0053111*	WSW	0.08	7

Lower Elevation	Address	Direction	Distance mi	Map Key

ORANGE UST - Orange County Underground Storage Tanks Listing

A search of the ORANGE UST database, dated Dec 01, 2015 has found that there are 2 ORANGE UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
CHEVRON # 0200913	23022 ALISO CREEK RD ALISO VIEJO CA 92656 ***Facility ID**: FA0024729*	SW	0.01	3

Lower Elevation	Address	Direction	Distance mi	Map Key
KENNEDY PIPELINE CO	61 ARGONAUT ALISO VIEJO CA 92656 ***Facility ID**: FA0025143*	ESE	0.16	9

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Sep 24, 2015 has found that there are 3 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
CHEVRON STATION 200913	23022 ALISO CREEK RD ALISO VIEJO CA 92656	SW	0.01	3

Lower Elevation	Address	Direction	Distance mi	Map Key
AMBRY GENETICS CORP	15 ARGONAUT ALISO VIEJO CA 92656	ESE	0.01	2
HUNTER GRAPHICS INC	21 ARGONAUT ALISO VIEJO CA 92656	ESE	0.01	5

State

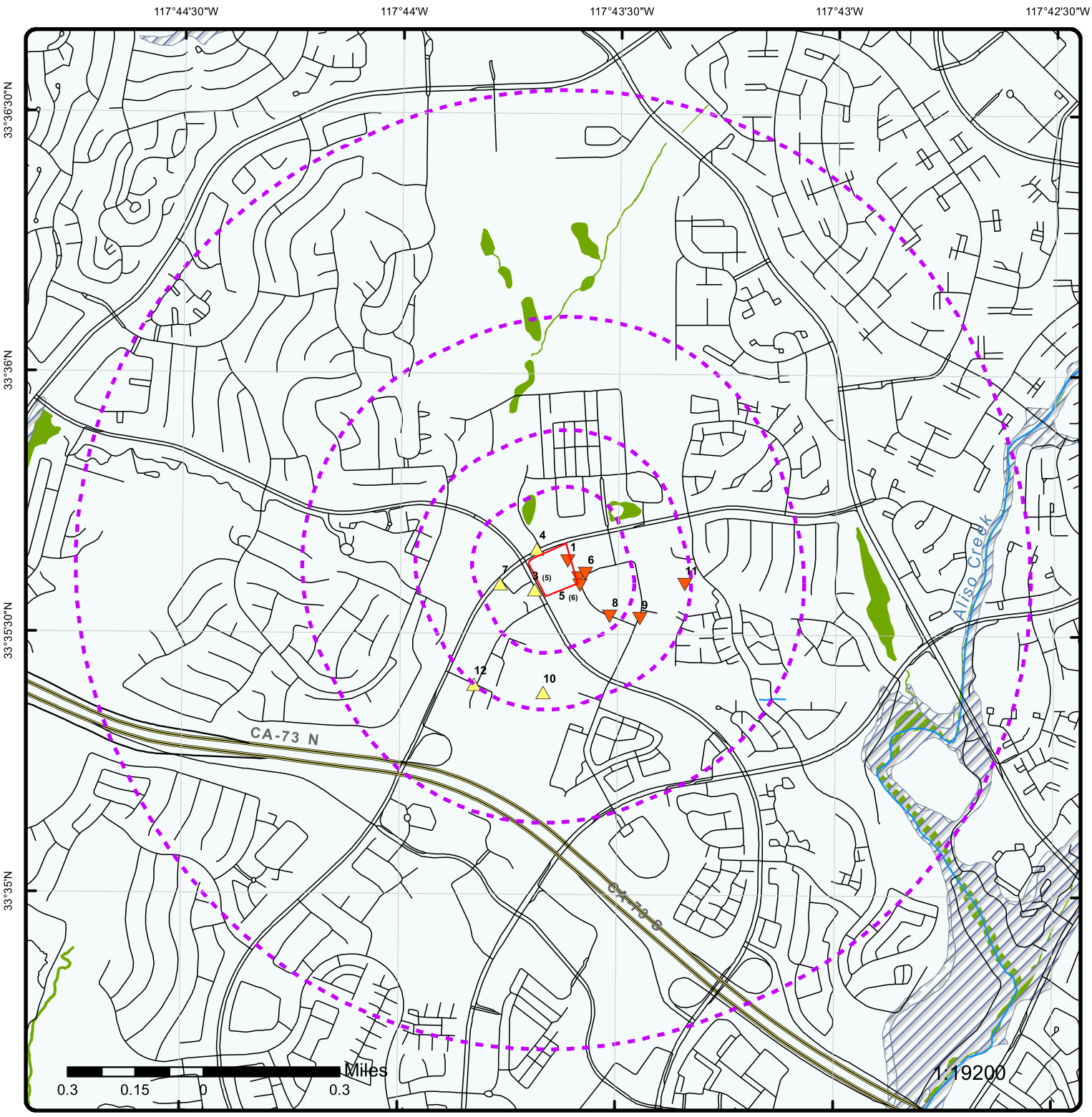
HAZNET - Hazardous Waste Manifest Data

A search of the HAZNET database, dated Oct 2,2015 has found that there are 15 HAZNET site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
CHEVRON 200913	23022 ALISO CREEK RD ALISO VIEJO CA 926560000	SW	0.01	3

Lower Elevation	Address	Direction	Distance mi	Map Key
AMBRY GENETICS CORP	15 ARGONAUT ALISO VIEJO CA 926560000	ESE	0.01	2
AMBRY GENETICS CORPROATION	15 ARGONAUT ALISO VIEJO CA 92656	ESE	0.01	2
ARBONNE INTERNATIONAL	15 ARGONAUT ALISO VIEJO CA 926560000	ESE	0.01	2
1X KAMINARI	15 ARGONAUT STREET ALISO VIE JO CA 926560000	ESE	0.01	2
AMBRY GENETICS CORP	15 ARGONAUT ALISO VIEJO CA 926560000	ESE	0.01	2
CENTON ELECTRONICS INC	15 ARGONAUT ALISO VIEJO CA 92656	ESE	0.01	2

Lower Elevation	Address	Direction	Distance mi	Map Key
KAMANARI INC	15 ARGONAUT ALISO VIEJO CA 926561423	ESE	0.01	2
AMBRY GENETICS CORP	15 ARGONAUT ALISO VIEJO CA 926560000	ESE	0.01	2
GREEN CO SERVICES LLC	15 ARGONAUT ALISO VIEJO CA 926561423	ESE	0.01	2
STRACON MANUFACTURING	15 ARGONAUT ALISO VIEJO CA 926561423	ESE	0.01	2
NICHOLAS HOLDINGS	21 ARGONAUT STE A ALISO VIEJO CA 926564150	ESE	0.01	5
TOMORROW'S LOOK INC DBA DIMENSIONS SCRN	21 ARGONAUT ALISO VIEJO CA 926560000	ESE	0.01	5
HUNTER GRAPHICS INC	21 ARGONAUT ALISO VIEJO CA 926560000	ESE	0.01	5
HUNTER GRAPHICS INC	21 ARGONAUT ALISO VIEJO CA 926560000	ESE	0.01	5



Map : 1 Mile Radius

Order No: 20160204086

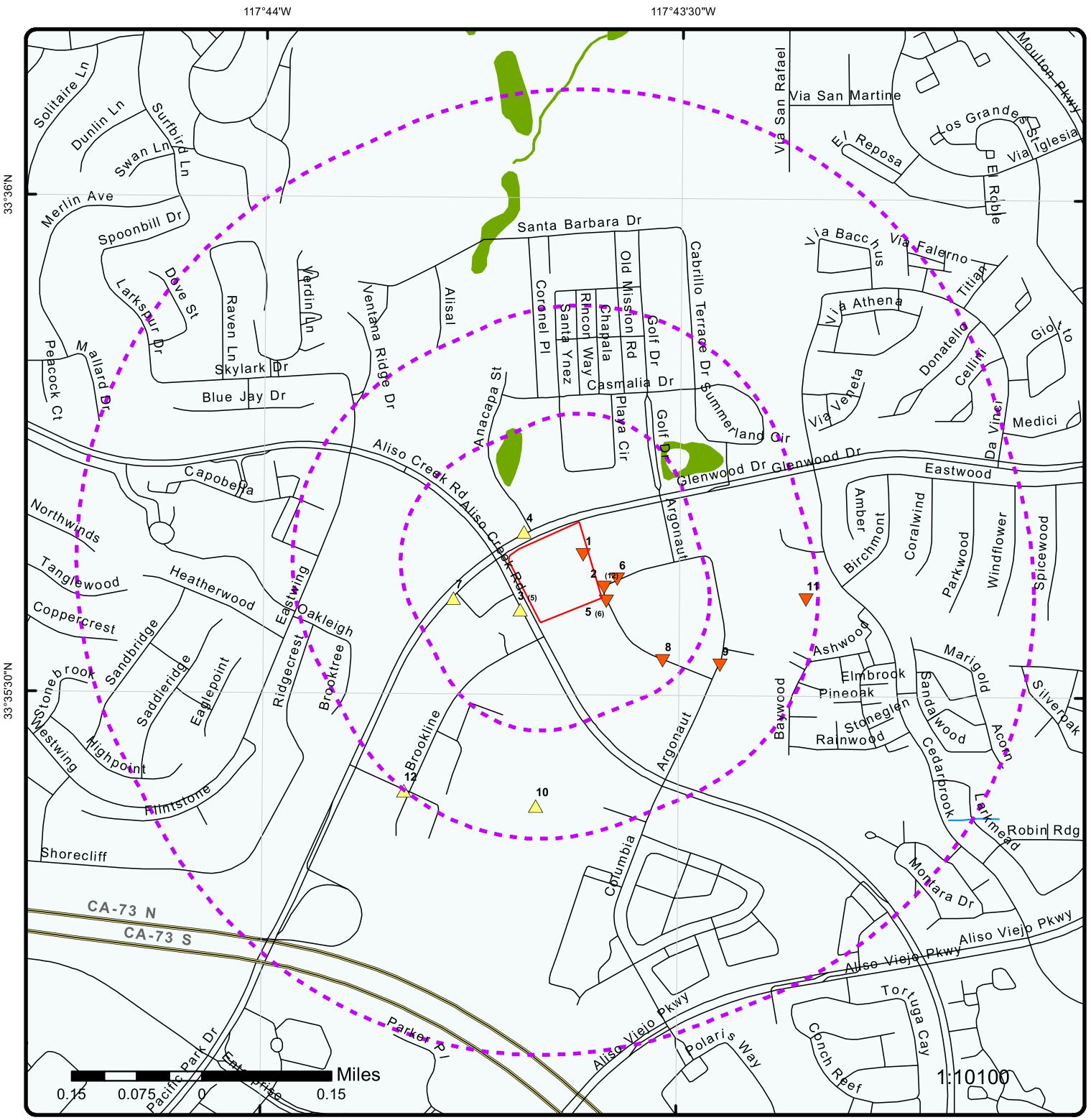
Address: 15 Argonaut, Aliso Viejo, CA, 92656

ENVIRONMENTAL RISK INFORMATION SERVICE

Project Property	Major Highways	County Boundary	Indian Reserve Land
Buffer Outline	Major Highways Ramps	State Boundary	Historic Fill
Eris Sites with Higher Elevation	Major Roads	500 Year Flood Zone	State Brownfield Sites
Eris Sites with Same Elevation	Major Roads Ramps	100 Year Flood Zone	State Brownfield Areas
Eris Sites with Lower Elevation	Secondary Roads	National Priority List Sites	State Superfund Areas:Dept. of Defense
Eris Sites with Unknown Elevation	Secondary Roads Ramps	National Wetland	State Superfund Areas:NPL
Rails	Local Roads and Ramps	FWS Special Designation Areas	WQARF Areas

Source: © 2012 ESRI

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Map : 0.5 Mile Radius

Order No: 20160204086

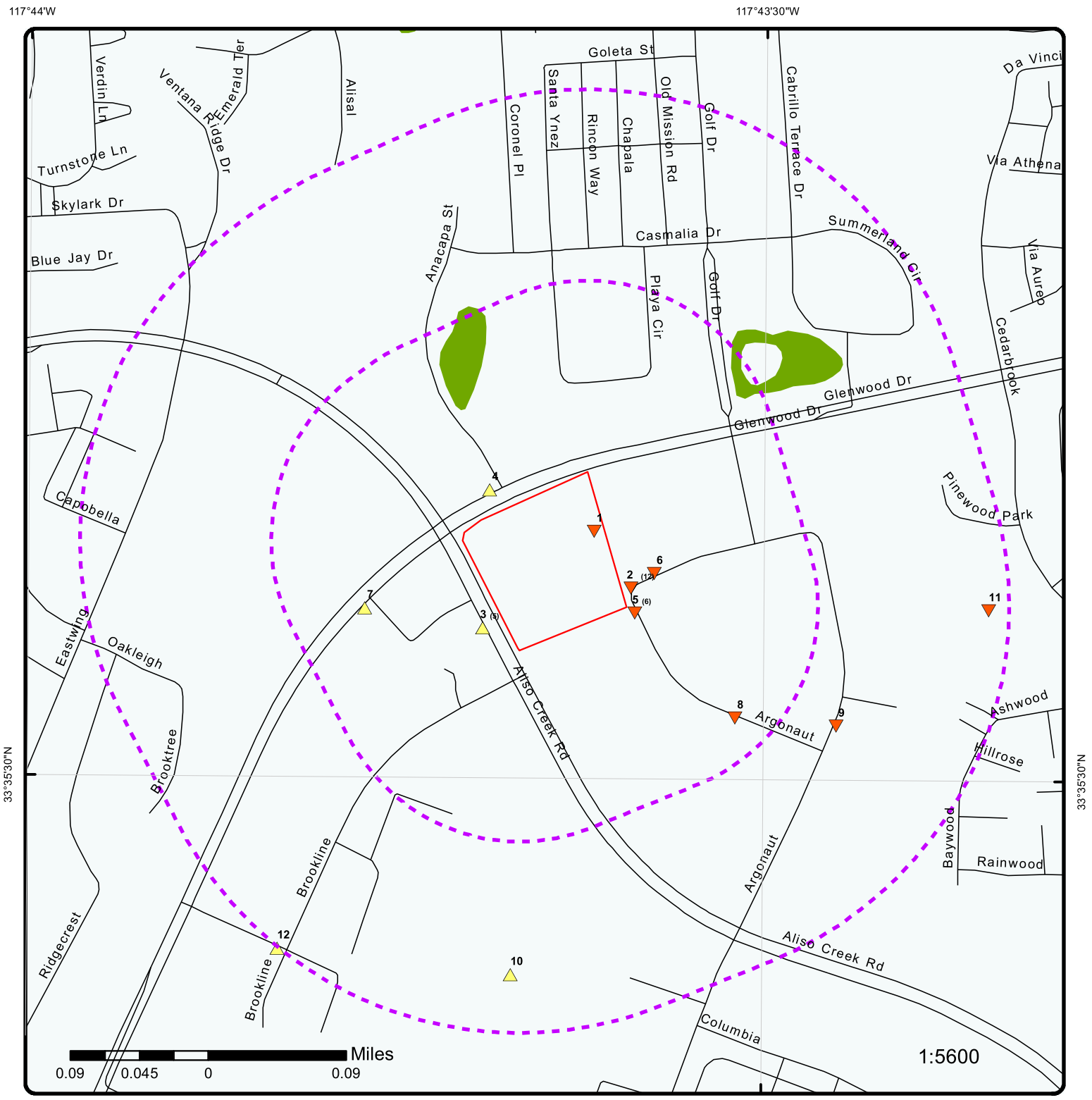
Address: 15 Argonaut, Aliso Viejo, CA, 92656

ENVIRONMENTAL RISK INFORMATION SERVICE

Project Property	Major Highways	County Boundary	Indian Reserve Land
Buffer Outline	Major Highways Ramps	State Boundary	Historic Fill
Eris Sites with Higher Elevation	Major Roads	500 Year Flood Zone	State Brownfield Sites
Eris Sites with Same Elevation	Major Roads Ramps	100 Year Flood Zone	State Brownfield Areas
Eris Sites with Lower Elevation	Secondary Roads	National Priority List Sites	State Superfund Areas:Dept. of Defense
Eris Sites with Unknown Elevation	Secondary Roads Ramps	National Wetland	State Superfund Areas:NPL
Rails	Local Roads and Ramps	FWS Special Designation Areas	WQARF Areas

Source: © 2012 ESRI

© Ecolog ERIS Ltd



Map : 0.25 Mile Radius

Order No: 20160204086

Address: 15 Argonaut, Aliso Viejo, CA, 92656

ENVIRONMENTAL RISK INFORMATION SERVICES

Project Property	Major Highways	County Boundary	Indian Reserve Land
Buffer Outline	Major Highways Ramps	State Boundary	Historic Fill
Eris Sites with Higher Elevation	Major Roads	500 Year Flood Zone	State Brownfield Sites
Eris Sites with Same Elevation	Major Roads Ramps	100 Year Flood Zone	State Brownfield Areas
Eris Sites with Lower Elevation	Secondary Roads	National Priority List Sites	State Superfund Areas:Dept. of Defense
Eris Sites with Unknown Elevation	Secondary Roads Ramps	National Wetland	State Superfund Areas:NPL
Rails	Local Roads and Ramps	FWS Special Designation Areas	WQARF Areas

Source: © 2012 ESRI

© Ecolog ERIS Ltd

117°43'30"W



Aerial

Order No: 20160204086

Address: 15 Argonaut, Aliso Viejo, CA, 92656

Source: ESRI World Imagery, Updated October 2014

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Detail Report

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
1	1 of 1	-/0.00	458.07	CHEVRON # 0200913 23022 ALISO CREEK RD ALISO VIEJO CA 92656	UST

Facility ID:	12182	**Latitude:**	33.5940106
County:	Orange	**Longitude:**	-117.7269038
Permitting Agency:	ORANGE COUNTY		

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
2	1 of 12	ESE/0.01	454.53	AMBRY GENETICS CORP 15 ARGONAUT ALISO VIEJO CA 92656	FINDS/FRS

Registry ID:	110044804218
FIPS Code:	06059
Program Acronyms:	
HUC Code:	18070301
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
County Name:	ORANGE
Source:	
SIC Codes:	
SIC Code Descriptions:	
Federal Facility Code:	
NAICS Codes:	541711
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	48
Census Block Code:	060590626344007
Create Date:	27-JAN-2012 11:14:12
Update Date:	28-MAR-2014 21:18:00
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.59388
Longitude:	-117.72721
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	LQG
Facility Detail Rprt URL:	http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110044804218

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
2	2 of 12	ESE/0.01	454.53	ARBONNE INTERNATIONAL 15 ARGONAUT	HAZNET

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
				ALISO VIEJO CA 926560000	

SIC Code:		**Mailing City:**	ALISO VIEJO
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC001314128	**Mailing Zip:**	926560000
Create Date:	6/22/1998	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	ARBONNE INTERNATIONAL INC
Inact Date:	10/25/2000	**Owner Addr 1:**	15 ARGONAUT
File Source:	File Sent By Department	**Owner Addr 2:**	
County Code:	30	**Owner City:**	ALISO VIEJO
County Name:	Orange	**Owner State:**	CA
Mail Name:		**Owner Zip:**	926560000
Mailing Addr 1:	15 ARGONAUT	**Owner Phone:**	7147702610
Mailing Addr 2:		**Owner Fax:**	

Contact Information

Contact Name:	CRAIG ZURLINI - MANUFACT MGR
Street Address 1:	15 ARGONAUT
Street Address 2:	
City:	ALISO VIEJO
State:	CA
Zip:	926560000
Phone:	7147702610

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
2	3 of 12	ESE/0.01	454.53	1X KAMINARI 15 ARGONAUT STREET ALISO VIE JO CA 926560000	HAZNET

SIC Code:		**Mailing City:**	ALISO VIE JO
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC000646640	**Mailing Zip:**	925650000
Create Date:	10/16/1991	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	MR JAN CUTTLER
Inact Date:	10/25/2000	**Owner Addr 1:**	--
File Source:	File Sent By Department	**Owner Addr 2:**	
County Code:	30	**Owner City:**	--
County Name:	Orange	**Owner State:**	99
Mail Name:		**Owner Zip:**	--
Mailing Addr 1:	15 ARGONAUT STREET	**Owner Phone:**	0000000000
Mailing Addr 2:		**Owner Fax:**	

Contact Information

Contact Name:	RICH BRADY/SALE MAN
Street Address 1:	
Street Address 2:	
City:	
State:	99
Zip:	
Phone:	8189610914

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
2	4 of 12	ESE/0.01	454.53	AMBRY GENETICS CORP 15 ARGONAUT ALISO VIEJO CA 926560000	HAZNET

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

SIC Code:	8071	**Mailing City:**	ALISO VIEJO
NAICS Code:	621511	**Mailing State:**	CA
EPA ID:	CAL000376362	**Mailing Zip:**	926560000
Create Date:	7/16/2012 11:52:58 AM	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	AMBRY GENETICS CORP
Inact Date:		**Owner Addr 1:**	15 ARGONAUT
File Source:	File Sent By Department	**Owner Addr 2:**	
County Code:	30	**Owner City:**	ALISO VIEJO
County Name:	Orange	**Owner State:**	CA
Mail Name:		**Owner Zip:**	926560000
Mailing Addr 1:	15 ARGONAUT	**Owner Phone:**	9499005548
Mailing Addr 2:		**Owner Fax:**	

Contact Information

Contact Name:	BELINDA DIN
Street Address 1:	15 ARGONAUT
Street Address 2:	
City:	ALISO VIEJO
State:	CA
Zip:	926560000
Phone:	9499005548

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
2	5 of 12	ESE/0.01	454.53	CENTON ELECTRONICS INC 15 ARGONAUT ALISO VIEJO CA 92656	HAZNET

SIC Code:		**Mailing City:**	ALISO VIEJO
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAL000298473	**Mailing Zip:**	926563371
Create Date:	9/15/2005 2:21:01 PM	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	CENTON ELECTRONICS INC
Inact Date:	6/30/2008	**Owner Addr 1:**	15 ARGONAUT
File Source:	File Sent By Department	**Owner Addr 2:**	
County Code:	30	**Owner City:**	ALISO VIEJO
County Name:	Orange	**Owner State:**	CA
Mail Name:		**Owner Zip:**	926560000
Mailing Addr 1:	27412 ALISO VIEJO PKWY	**Owner Phone:**	9498559111
Mailing Addr 2:		**Owner Fax:**	0000000000

Contact Information

Contact Name:	JAY O'NEIL, OPERATIONS MGR
Street Address 1:	15 ARGONAUT
Street Address 2:	
City:	ALISO VIEJO
State:	CA
Zip:	926560000
Phone:	9496992036

Tanner Information

Generator EPA ID:	CAL000298473
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD003963592
TSD County Code:	43
TSD County:	Santa Clara

State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.1375
Year:	2006
Generator EPA ID:	CAL000298473
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD003963592
TSD County Code:	43
TSD County:	Santa Clara
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.165
Year:	2010
Generator EPA ID:	CAL000298473
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD003963592
TSD County Code:	43
TSD County:	Santa Clara
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.275
Year:	2013
Generator EPA ID:	CAL000298473
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD003963592
TSD County Code:	43
TSD County:	Santa Clara
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H010
Method Description:	METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT
Tons:	0.613
Year:	2007
Generator EPA ID:	CAL000298473
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD003963592
TSD County Code:	43
TSD County:	Santa Clara
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H010
Method Description:	METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT
Tons:	0.225
Year:	2008

Generator EPA ID:	CAL000298473
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD003963592
TSD County Code:	43
TSD County:	Santa Clara
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H010
Method Description:	METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT
Tons:	0.125
Year:	2009

Generator EPA ID:	CAL000298473
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD003963592
TSD County Code:	43
TSD County:	Santa Clara
State Waste Code:	
State Waste Code Desc.:	
Method Code:	H010
Method Description:	METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT
Tons:	
Year:	2008

---

2 **6 of 12** **ESE/0.01** **454.53** **KAMANARI INC** **HAZNET**
15 ARGONAUT
ALISO VIEJO CA 926561423

SIC Code:		**Mailing City:**	--
NAICS Code:		**Mailing State:**	99
EPA ID:	CAP982455610	**Mailing Zip:**	000000000
Create Date:	5/13/1998	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	--
Inact Date:	12/21/2000	**Owner Addr 1:**	--
File Source:	File Sent By Department	**Owner Addr 2:**	
County Code:	30	**Owner City:**	--
County Name:	Orange	**Owner State:**	99
Mail Name:		**Owner Zip:**	--
Mailing Addr 1:	--	**Owner Phone:**	0000000000
Mailing Addr 2:		**Owner Fax:**	

Contact Information

Contact Name:	
Street Address 1:	
Street Address 2:	
City:	
State:	99
Zip:	
Phone:	

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2 **7 of 12** **ESE/0.01** **454.53** **AMBRY GENETICS CORP** **HAZNET**
15 ARGONAUT

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

ALISO VIEJO CA 926560000

SIC Code:	8733	***Mailing City:***	ALISO VIEJO
NAICS Code:	54171	***Mailing State:***	CA
EPA ID:	CAR000222810	***Mailing Zip:***	926560000
Create Date:	12/21/2011 6:48:08 AM	***Region Code:***	3
Fac Act Ind:	Yes	***Owner Name:***	AMBRY GENETICS CORPORATION
Inact Date:		***Owner Addr 1:***	15 ARGONAUT
File Source:	File Sent By Department	***Owner Addr 2:***	
County Code:	30	***Owner City:***	ALISO VIEJO
County Name:	Orange	***Owner State:***	CA
Mail Name:	MARISSA TRACY	***Owner Zip:***	926560000
Mailing Addr 1:	15 ARGONAUT	***Owner Phone:***	9499005500
Mailing Addr 2:		***Owner Fax:***	9499005501

Contact Information

Contact Name:	MARISSA TRACY
Street Address 1:	15 ARGONAUT
Street Address 2:	
City:	ALISO VIEJO
State:	CA
Zip:	92656
Phone:	9499005540

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
2	8 of 12	ESE/0.01	454.53	***GREEN CO SERVICES LLC*** ***15 ARGONAUT*** ***ALISO VIEJO CA 926561423***	HAZNET

SIC Code:		***Mailing City:***	ALISO VIEJO
NAICS Code:		***Mailing State:***	CA
EPA ID:	CAC002638779	***Mailing Zip:***	926561423
Create Date:	1/28/2009	***Region Code:***	4
Fac Act Ind:	No	***Owner Name:***	GREEN CO SERVICES LLC
Inact Date:	7/28/2009	***Owner Addr 1:***	15 ARGONAUT
File Source:	File Sent By Department	***Owner Addr 2:***	
County Code:	30	***Owner City:***	ALISO VIEJO
County Name:	Orange	***Owner State:***	CA
Mail Name:		***Owner Zip:***	926561423
Mailing Addr 1:	15 ARGONAUT	***Owner Phone:***	9493051646
Mailing Addr 2:		***Owner Fax:***	

Contact Information

Contact Name:	MARK MISCIONE
Street Address 1:	15 ARGONAUT
Street Address 2:	
City:	ALISO VIEJO
State:	CA
Zip:	926561423
Phone:	9493051646

Tanner Information

Generator EPA ID:	CAC002638779
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD028409019

TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H061
Method Description:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	0.18
Year:	2009
Generator EPA ID:	CAC002638779
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H061
Method Description:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	0.3465
Year:	2009

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2 **9 of 12** **ESE/0.01** **454.53** **STRACON MANUFACTURING** **HAZNET**
15 ARGONAUT
ALISO VIEJO CA 926561423

SIC Code:	9999	**Mailing City:**	IRVINE
NAICS Code:	99999	**Mailing State:**	CA
EPA ID:	CAL000277358	**Mailing Zip:**	92614
Create Date:	12/16/2003 3:29:15 PM	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	LUONG NGUYEN
Inact Date:	6/30/2006	**Owner Addr 1:**	2 HORIZON
File Source:	File Sent By Department	**Owner Addr 2:**	
County Code:	30	**Owner City:**	NEWPORT COAST
County Name:	Orange	**Owner State:**	CA
Mail Name:		**Owner Zip:**	92657
Mailing Addr 1:	1672 KAISER AVE #1	**Owner Phone:**	9497218138
Mailing Addr 2:		**Owner Fax:**	

Contact Information

Contact Name:	PHONG T TRAN
Street Address 1:	15 ARGONAUT
Street Address 2:	
City:	ALISO VIEJO
State:	CA
Zip:	926560000
Phone:	9496992058

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2 **10 of 12** **ESE/0.01** **454.53** **AMBRY GENETICS CORPROATION** **HAZNET**
15 ARGONAUT
ALISO VIEJO CA 92656

SIC Code:	8071	**Mailing City:**	ALISO VIEJO
NAICS Code:	621512	**Mailing State:**	CA
EPA ID:	CAL000368674	**Mailing Zip:**	926560000

Create Date:	10/27/2011 11:32:25 AM	***Region Code:***	4
Fac Act Ind:	No	***Owner Name:***	AMBRY GENETICS CORPORATION
Inact Date:	7/3/2015	***Owner Addr 1:***	15 ARGONAUT
File Source:	File Sent By Department	***Owner Addr 2:***	
County Code:	30	***Owner City:***	ALISO VIEJO
County Name:	Orange	***Owner State:***	CA
Mail Name:	MARISSA TRACY	***Owner Zip:***	926560000
Mailing Addr 1:	15 ARGONAUT	***Owner Phone:***	9499005500
Mailing Addr 2:		***Owner Fax:***	9499005501

Contact Information

Contact Name:	MARISSA TRACY
Street Address 1:	15 ARGONAUT
Street Address 2:	
City:	ALISO VIEJO
State:	CA
Zip:	92656
Phone:	9499005540

Tanner Information

Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAL000368674
TSD County Code:	30
TSD County:	Orange
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	
Method Description:	
Tons:	0.231
Year:	2013

Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.8778
Year:	2012

Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)

Tons:	0.147
Year:	2013
Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	1.3818
Year:	2014
Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	NMD002208627
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.2352
Year:	2014
Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	ARD069748192
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	H040
Method Description:	INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL
Tons:	0.023
Year:	2012
Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	ARD069748192
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	H040
Method Description:	INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL
Tons:	0.0355
Year:	2013
Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange

TSD EPA ID:	UTD981552177
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	H040
Method Description:	INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL
Tons:	0.0437
Year:	2012

Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	TXD055141378
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	H040
Method Description:	INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL
Tons:	0.028
Year:	2013

Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	UTD981552177
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	H040
Method Description:	INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL
Tons:	0.352
Year:	2013

Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	ARD069748192
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	H040
Method Description:	INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL
Tons:	0.7565
Year:	2014

Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	UTD981552177
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	H040
Method Description:	INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL
Tons:	1.2795

Year:	2014
Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	NMD002208627
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.198
Year:	2013
Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.017
Year:	2014
Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	UTD981552177
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	
Method Description:	
Tons:	0.0215
Year:	2014
Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	1.0505
Year:	2012
Generator EPA ID:	CAL000368674
Generator County Code:	30
Generator County:	Orange

TSD EPA ID: CAD982444481
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.1195
Year: 2013

Generator EPA ID: CAL000368674
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD982444481
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.12
Year: 2014

Generator EPA ID: CAL000368674
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD059494310
TSD County Code: 43
TSD County: Santa Clara
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.065
Year: 2014

Generator EPA ID: CAL000368674
Generator County Code: 30
Generator County: Orange
TSD EPA ID: ARD069748192
TSD County Code: 99
TSD County: Unknown
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H040
Method Description: INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL
Tons: 0.0175
Year: 2014

Generator EPA ID: CAL000368674
Generator County Code: 30
Generator County: Orange
TSD EPA ID: UTD981552177
TSD County Code: 99
TSD County: Unknown
State Waste Code: 352
State Waste Code Desc.: Other organic solids

Method Code: H040
Method Description: INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL
Tons: 0.3445
Year: 2014

Generator EPA ID: CAL000368674
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD982444481
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 513
State Waste Code Desc.: Empty containers less than 30 gallons
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.119
Year: 2014

Generator EPA ID: CAL000368674
Generator County Code: 30
Generator County: Orange
TSD EPA ID: NMD002208627
TSD County Code: 99
TSD County: Unknown
State Waste Code: 551
State Waste Code Desc.: Laboratory waste chemicals
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.037
Year: 2013

Generator EPA ID: CAL000368674
Generator County Code: 30
Generator County: Orange
TSD EPA ID: NMD002208627
TSD County Code: 99
TSD County: Unknown
State Waste Code: 551
State Waste Code Desc.: Laboratory waste chemicals
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.068
Year: 2014

Generator EPA ID: CAL000368674
Generator County Code: 30
Generator County: Orange
TSD EPA ID: UTD981552177
TSD County Code: 99
TSD County: Unknown
State Waste Code: 551
State Waste Code Desc.: Laboratory waste chemicals
Method Code: H040
Method Description: INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL
Tons: 0.0725
Year: 2014

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

2 **11 of 12** **ESE/0.01** **454.53** **AMBRY GENETICS CORP** **HAZNET**
15 ARGONAUT
ALISO VIEJO CA 926560000

SIC Code:	8071	**Mailing City:**	ALISO VIEJO
NAICS Code:	621512	**Mailing State:**	CA
EPA ID:	CAL000376361	**Mailing Zip:**	926560000
Create Date:	7/16/2012 11:44:22 AM	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	CHARLES DUNLOP
Inact Date:		**Owner Addr 1:**	15 ARGONAUT
File Source:	File Sent By Department	**Owner Addr 2:**	
County Code:	30	**Owner City:**	ALISO VIEJO
County Name:	Orange	**Owner State:**	CA
Mail Name:		**Owner Zip:**	926560000
Mailing Addr 1:	15 ARGONAUT	**Owner Phone:**	9499005500
Mailing Addr 2:		**Owner Fax:**	9499005501

Contact Information

Contact Name:	CESAR VAZQUEZ
Street Address 1:	15 ARGONAUT
Street Address 2:	
City:	ALISO VIEJO
State:	CA
Zip:	926560000
Phone:	9499005530

2 **12 of 12** **ESE/0.01** **454.53** **AMBRY GENETICS CORP** **RCRA GEN**
15 ARGONAUT
ALISO VIEJO CA 92656

EPA Handler ID:	CAR000222810
Current Site Name:	AMBRY GENETICS CORP
Generator Status Universe:	Large Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	15 ARGONAUT, , ALISO VIEJO, CA, 92656, US
Contact Name:	MARISSA J TRACY
Contact Address:	15 ARGONAUT, , ALISO VIEJO, CA, 92656, US

Contact Email: MTRACY@AMBRYGEN.COM
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: ALCL INC
Owner/Operator Address: 2321 ROSECRANS AVE STE 2230 EL SEGUNDO CA US 90245
Owner/Operator Phone: 310-725-0006
Owner/Operator Type: P
Date Became Current: 19940629
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: AMBRY GENETICS CORP
Owner/Operator Address: US
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 20120102
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: AICI LLC
Owner/Operator Address: 2101 ROSENCRANS AVE STE 4305 EL SEGUNDO US 92656
Owner/Operator Phone: 310-725-0006
Owner/Operator Type: P
Date Became Current: 19891001
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: AMBRY GENETICS CORP
Owner/Operator Address: US
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 20120102
Date Ended Current:

NAICS Information

Naics Code: 62151
Naics Description: MEDICAL AND DIAGNOSTIC LABORATORIES

Naics Code: 541711
Naics Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

Handler Information

Date Received: 20111116
Facility Name: AMBRY GENETICS CORP
Classification: Small Quantity Generator

Date Received: 20150323
Facility Name: AMBRY GENETICS CORP
Classification: Large Quantity Generator

Hazardous Waste Information

Waste Code: 343
Waste: from br conversion

Waste Code:	352
Waste:	from br conversion
Waste Code:	212
Waste:	from br conversion
Waste Code:	561
Waste:	from br conversion
Waste Code:	U239
Waste:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
Waste Code:	131
Waste:	from br conversion
Waste Code:	181
Waste:	from br conversion
Waste Code:	213
Waste:	from br conversion
Waste Code:	791
Waste:	from br conversion
Waste Code:	U031
Waste:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Waste Code:	U188
Waste:	PHENOL
Waste Code:	135
Waste:	from br conversion
Waste Code:	291
Waste:	from br conversion
Waste Code:	D002
Waste:	CORROSIVE WASTE
Waste Code:	U002
Waste:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	211
Waste:	from br conversion
Waste Code:	551
Waste:	from br conversion
Waste Code:	U044
Waste:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	122
Waste:	from br conversion
Waste Code:	123
Waste:	from br conversion
Waste Code:	D001
Waste:	IGNITABLE WASTE

Waste Code: 221
Waste: from br conversion

Waste Code: F003
Waste: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U007
Waste: 2-PROPENAMIDE (OR) ACRYLAMIDE

Violation/Evaluation Information

3	*1 of 5*	*SW/0.01*	*512.95*	*23022 ALISO CREEK ALISO VIEJO CA*	*ERNS*

NRC Report Number: 1008008
Type Of Incident: MOBILE
Desc Remedial Action: SPILL KIT USED, MATERIAL CLEANED UP AND DISPOSED INTO HAZMAT DRUMS, CLEAN UP COMPLETE.
Description Of Incident: CALLER REPORTED A CUSTOMER FILLED A GAS TANK ON A VEHICLE THAT HAD A HOLE IN ITS TANK AND MATERIAL DISCHARGED ONTO THE CONCRETE.
Release Secured: Y
Release Rate:
Date Received: 4/6/2012 9:33:21 PM
Incident Cause: EQUIPMENT FAILURE
Incident Date: 4/6/2012 2:00:00 PM
Incident Location:
State Agency Notified: NONE
Federal Agency Notified: NONE
State Agency On Scene: NONE
State Agency Report Num: NONE
Responsible Company: CHEVRON
Estima Duration of Release:
Responsible Org Type: PRIVATE ENTERPRISE
Responsible City: BREA
Responsible State: CA
Responsible Zip: 92821
Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
Who Evacuated:
Radius Of Evacuation:
Any Injuries: N
Number Injured:
Any Fatalities: N
Number Fatalities:
Any Damages: N
Damage Amount:
Employee Fatality:
Passenger Fatality:

Occupant Fatality:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Corridor Closed:	N
Waterway Corridor Desc:	
Waterway Closure Time:	
Road Closed:	N
Road Desc:	
Road Closure Time:	
Major Artery:	N
Track Closed:	N
Track Desc:	
Track Closure Time:	
Media Interest:	NONE
Medium Desc:	LAND
Additional Medium Info:	CONCRETE
Body Of Water:	
Tributary Of:	
Weather Conditions:	SUNNY
Air Temperature:	78
Wind Speed:	
Wind Direction:	
Water Supply Contamin:	U
Nearest River Mile Marker:	
Passengers Transferred:	NO
Community Impact:	
Additional Info:	NO ADDITIONAL INFORMATION.

Material Spill Information

CHRIS Code:	GAS
CAS Number:	000000-00-0
UN Number:	
Amount Of Material:	3
Unit Of Material:	GALLON(S)
Name Of Material:	GASOLINE: AUTOMOTIVE (UNLEADED)
If Reached Water:	NO
Amount In Water:	
Unit Of Measure Reach Water:	

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3 **2 of 5** **SW/0.01** **512.95** ***CHEVRON STATION 200913***
23022 ALISO CREEK RD
ALISO VIEJO CA 92656 ***FINDS/FRS***

Registry ID:	110002877245
FIPS Code:	06059
Program Acronyms:	
HUC Code:	18070301
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
County Name:	ORANGE
Source:	
SIC Codes:	
SIC Code Descriptions:	
Federal Facility Code:	
NAICS Codes:	

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	48
Census Block Code:	060590626344013
Create Date:	01-MAR-2000 00:00:00
Update Date:	03-DEC-2014 15:33:05
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.59286
Longitude:	-117.72845
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	HAZARDOUS WASTE BIENNIAL REPORTER, LQG, STATE MASTER
Facility Detail Rprt URL:	http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002877245

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3 **3 of 5** **SW/0.01** **512.95** ***CHEVRON 200913*** ***HAZNET***
23022 ALISO CREEK RD
ALISO VIEJO CA 926560000

SIC Code:	5541	**Mailing City:**	SAN RAMON
NAICS Code:	44719	**Mailing State:**	CA
EPA ID:	CAD983637851	**Mailing Zip:**	945830000
Create Date:	5/21/1992	**Region Code:**	4
Fac Act Ind:	Yes	**Owner Name:**	CHEVRON
Inact Date:		**Owner Addr 1:**	PO BOX 6004
File Source:	File Sent By Department	**Owner Addr 2:**	
County Code:	30	**Owner City:**	SAN RAMON
County Name:	Orange	**Owner State:**	CA
Mail Name:	ATTN: WASTE DESK	**Owner Zip:**	945830000
Mailing Addr 1:	PO BOX 6004	**Owner Phone:**	8773866044
Mailing Addr 2:		**Owner Fax:**	8668494435

Contact Information

Contact Name:	KATHY NORRIS-SLUSHER
Street Address 1:	6101 BOLLINGER CANYON RD.
Street Address 2:	
City:	SAN RAMON
State:	CA
Zip:	94583
Phone:	8773866044

Tanner Information

Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAT080010101
TSD County Code:	37
TSD County:	San Diego
State Waste Code:	133
State Waste Code Desc.:	Aqueous solution with total organic residues 10 percent or more
Method Code:	H01

Method Description:	Transfer station
Tons:	0.3127
Year:	1996
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	0.0168
Year:	1999
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	0.357
Year:	2001
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	1.5162
Year:	2003
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD097030993
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	4.2
Year:	2004
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD008302903

TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 134
State Waste Code Desc.: Aqueous solution with total organic residues less than 10 percent
Method Code: R01
Method Description: Recycler
Tons: 0.042
Year: 2005

Generator EPA ID: CAD983637851
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD044429835
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 134
State Waste Code Desc.: Aqueous solution with total organic residues less than 10 percent
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.2058
Year: 2008

Generator EPA ID: CAD983637851
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD044429835
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 134
State Waste Code Desc.: Aqueous solution with total organic residues less than 10 percent
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.065
Year: 2013

Generator EPA ID: CAD983637851
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD044429835
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 134
State Waste Code Desc.: Aqueous solution with total organic residues less than 10 percent
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.085
Year: 2014

Generator EPA ID: CAD983637851
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD982444481
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 134
State Waste Code Desc.: Aqueous solution with total organic residues less than 10 percent
Method Code: H141

Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.21
Year:	2011
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	H061
Method Description:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	3.15
Year:	2013
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	R01
Method Description:	Recycler
Tons:	9.24
Year:	2004
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	213
State Waste Code Desc.:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Code:	R01
Method Description:	Recycler
Tons:	0.0834
Year:	1998
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	
Method Description:	
Tons:	0.05
Year:	2008
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange

TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	
Method Description:	
Tons:	0.01
Year:	2011

Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD980883177
TSD County Code:	15
TSD County:	Kern
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	15.012
Year:	1993

Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD980883177
TSD County Code:	15
TSD County:	Kern
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	7.506
Year:	1994

Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	2.502
Year:	2004

Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)

Tons:	0.015
Year:	2008
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.045
Year:	2009
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.065
Year:	2010
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0075
Year:	2011
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0575
Year:	2012
Generator EPA ID:	CAD983637851

Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0625
Year:	2013
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.099
Year:	2014
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	
Method Description:	
Tons:	0.0102
Year:	2011
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.085
Year:	2008
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles

State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0986
Year:	2009
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.068
Year:	2010
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.1904
Year:	2011
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.3058
Year:	2012
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY

(H010-H129) OR (H131-H135)
Tons: 0.185
Year: 2013

Generator EPA ID: CAD983637851
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD044429835
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.17
Year: 2014

Generator EPA ID: CAD983637851
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD982444481
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.1
Year: 2007

Generator EPA ID: CAD983637851
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD982444481
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H129
Method Description: OTHER TREATMENT
Tons: 0.075
Year: 2007

Generator EPA ID: CAD983637851
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD982444481
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H129
Method Description: OTHER TREATMENT
Tons: 0.02
Year: 2011

Generator EPA ID: CAD983637851
Generator County Code: 30

Generator County:	Orange
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H129
Method Description:	OTHER TREATMENT
Tons:	0.025
Year:	2012

Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H010
Method Description:	METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT
Tons:	0.02
Year:	2008

Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H010
Method Description:	METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT
Tons:	0.02
Year:	2009

Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H010
Method Description:	METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT
Tons:	0.03
Year:	2010

Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H010
Method Description:	METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT

Tons:	0.0625
Year:	2012
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982484933
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	512
State Waste Code Desc.:	Other empty containers 30 gallons or more
Method Code:	R01
Method Description:	Recycler
Tons:	18
Year:	2004
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982484933
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	512
State Waste Code Desc.:	Other empty containers 30 gallons or more
Method Code:	D99
Method Description:	Disposal, other
Tons:	2
Year:	2004
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982484933
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	513
State Waste Code Desc.:	Empty containers less than 30 gallons
Method Code:	D99
Method Description:	Disposal, other
Tons:	1.5
Year:	1997
Generator EPA ID:	CAD983637851
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	
Year:	2013

3	***4 of 5***	***SW/0.01***	***512.95***	***CHEVRON 200913*** ***23022 ALISO CREEK RD***	***RCRA GEN***

EPA Handler ID: CAD983637851
Current Site Name: CHEVRON 200913
Generator Status Universe: Large Quantity Generator
Land Type: Private
Activity Location: CA
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 23022, ALISO CREEK RD, , ALISO VIEJO, CA, 92656,
Contact Name: KATHY NORRIS
Contact Address: PO BOX 6004, , SAN RAMON, CA, 94583,
Contact Email: NAWTDESK@CHEVRON.COM
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: CHEVRON USA INC
Owner/Operator Address: PO BOX 6004 SAN RAMON CA 94583
Owner/Operator Phone: 9258421000
Owner/Operator Type: P
Date Became Current: 19900614
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: CHEVRON USA INC
Owner/Operator Address:
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 19900614
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: CHEVRON PRODUCTS CO.
Owner/Operator Address: PO BOX 6004 SAN RAMON CA US 94583
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 19900614
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: CHEVRON STATIONS INC.
Owner/Operator Address: US

Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 19900614
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: CHEVRON PRODUCTS COMPANY
Owner/Operator Address: P O BOX 6004 SAN RAMON CA 94583
Owner/Operator Phone: 9258425931
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: CHEVRON PRODUCTS CO.
Owner/Operator Address: PO BOX 6004 SAN RAMON CA US 94583
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 19900614
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: CHEVRON STATIONS INC.
Owner/Operator Address: US
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 19900614
Date Ended Current:

NAICS Information

Naics Code: 44711
Naics Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Handler Information

Date Received: 20140301
Facility Name: CHEVRON 200913
Classification: Large Quantity Generator

Date Received: 20040223
Facility Name: CHEVRON 200913
Classification: Small Quantity Generator

Date Received: 20020617
Facility Name: CHEVRON STATION NO 200913
Classification: Small Quantity Generator

Date Received: 20040223
Facility Name: CHEVRON 200913
Classification: Large Quantity Generator

Hazardous Waste Information

Waste Code: D001
Waste: IGNITABLE WASTE

Waste Code: D018
Waste: BENZENE

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
Violation/Evaluation Information					
3	5 of 5	SW/0.01	512.95	CHEVRON # 0200913 23022 ALISO CREEK RD ALISO VIEJO CA 92656	ORANGE UST

Facility ID: FA0024729

4	1 of 1	NW/0.02	512.50

ECONO LUBE N TUNE
22932 GLENWOOD DR
ALISO VIEJO CA 92656

UST

Facility ID: 14836
County: Orange
Permitting Agency: ORANGE COUNTY
Latitude: 33.5943958
Longitude: -117.7280934

5	1 of 6	ESE/0.01	454.43

HUNTER GRAPHICS INC
21 ARGONAUT
ALISO VIEJO CA 92656

FINDS/FRS

Registry ID: 110002837306
FIPS Code: 06059
Program Acronyms:
HUC Code: 18070301
Site Type Name: STATIONARY
EPA Region Code: 09
Conveyor: FRS-GEOCODE
County Name: ORANGE
Source:
SIC Codes:
SIC Code Descriptions:
Federal Facility Code: Yes
NAICS Codes:
NAICS Code Descriptions:
Federal Agency Name:
US/Mexico Border Ind:
Congressional Dist No: 48
Census Block Code: 060590626344007
Create Date: 01-MAR-2000 00:00:00
Update Date: 08-AUG-2010 16:54:23
Location Description:
Supplemental Location:
Tribal Land Code:
Tribal Land Name:
Latitude: 33.59284
Longitude: -117.72688
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Reference Point: CENTER OF A FACILITY OR STATION
Interest Types: SQG
Facility Detail Rprt URL: http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002837306

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
5	2 of 6	ESE/0.01	454.43	HUNTER GRAPHICS INC 21 ARGONAUT ALISO VIEJO CA 926560000	HAZNET

SIC Code:		**Mailing City:**	ALISO VIEJO
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAD982509853	**Mailing Zip:**	926560000
Create Date:	6/29/1990	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	--
Inact Date:	6/30/1996	**Owner Addr 1:**	--
File Source:	File Sent By Department	**Owner Addr 2:**	
County Code:	30	**Owner City:**	--
County Name:	Orange	**Owner State:**	99
Mail Name:		**Owner Zip:**	--
Mailing Addr 1:	21 ARGONAUT	**Owner Phone:**	0000000000
Mailing Addr 2:		**Owner Fax:**	

Contact Information

Contact Name:	INACTIVE UNDELIVERABLE FEE 96
Street Address 1:	
Street Address 2:	
City:	
State:	99
Zip:	
Phone:	

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
5	3 of 6	ESE/0.01	454.43	TOMORROW'S LOOK INC DBA DIMENSIONS SCRN 21 ARGONAUT ALISO VIEJO CA 926560000	HAZNET

SIC Code:	8099	**Mailing City:**	SANTA ANA
NAICS Code:	54143	**Mailing State:**	CA
EPA ID:	CAL000120890	**Mailing Zip:**	927040000
Create Date:	1/3/1995	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	STEVE MELLGREN
Inact Date:	6/30/2002	**Owner Addr 1:**	2313 S SUSAN ST
File Source:	File Sent By Department	**Owner Addr 2:**	
County Code:	30	**Owner City:**	SANTA ANA
County Name:	Orange	**Owner State:**	CA
Mail Name:		**Owner Zip:**	927040000
Mailing Addr 1:	2313 S SUSAN ST	**Owner Phone:**	9495979100
Mailing Addr 2:		**Owner Fax:**	

Contact Information

Contact Name:	RHONDA EVANS OFFICE MANAGER
Street Address 1:	BUS MOVED PER VQ01,MB
Street Address 2:	
City:	ALISO VIEJO
State:	CA
Zip:	926561423
Phone:	7142411441

Tanner Information

Generator EPA ID:	CAL000120890

Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD008252405
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: R01
Method Description: Recycler
Tons: 0.954
Year: 1999

Generator EPA ID: CAL000120890
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD008252405
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: R01
Method Description: Recycler
Tons: 1.134
Year: 2000

Generator EPA ID: CAL000120890
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAT080033681
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H01
Method Description: Transfer station
Tons: 0.4
Year: 2000

Generator EPA ID: CAL000120890
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAT080033681
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: D80
Method Description: Disposal, landfill
Tons: 0.9
Year: 1999

Generator EPA ID: CAL000120890
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAT080033681
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: D80

Method Description:	Disposal, landfill
Tons:	0.66
Year:	2000
Generator EPA ID:	CAL000120890
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	1
Year:	2001
Generator EPA ID:	CAL000120890
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982524613
TSD County Code:	30
TSD County:	Orange
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.0834
Year:	1995

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5 **4 of 6** **ESE/0.01** **454.43** **HUNTER GRAPHICS INC** **HAZNET**
21 ARGONAUT
ALISO VIEJO CA 926560000

SIC Code:		**Mailing City:**	ALISO VIEJO
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAL000034671	**Mailing Zip:**	926560000
Create Date:	7/5/1990	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	ALEX C HUNTER
Inact Date:	6/30/1995	**Owner Addr 1:**	30472 LE PORT
File Source:	File Sent By Department	**Owner Addr 2:**	
County Code:	30	**Owner City:**	LAGUNA NIGUEL
County Name:	Orange	**Owner State:**	CA
Mail Name:		**Owner Zip:**	926770000
Mailing Addr 1:	21 ARGONAUT	**Owner Phone:**	7142499839
Mailing Addr 2:		**Owner Fax:**	

Contact Information

Contact Name:	INACTIVE PER 95 FEE FORM
Street Address 1:	
Street Address 2:	
City:	
State:	99
Zip:	
Phone:	

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
5	5 of 6	ESE/0.01	454.43	NICHOLAS HOLDINGS 21 ARGONAUT STE A ALISO VIEJO CA 926564150	HAZNET

SIC Code:		**Mailing City:**	ALISO VIEJO
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC002703799	**Mailing Zip:**	92656
Create Date:	8/30/2012	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	NICHOLAS HOLDINGS
Inact Date:	11/29/2012	**Owner Addr 1:**	15 ENTERPRISE STE 550
File Source:	File Sent By Department	**Owner Addr 2:**	
County Code:	30	**Owner City:**	ALISO VIEJO
County Name:	Orange	**Owner State:**	CA
Mail Name:		**Owner Zip:**	92656
Mailing Addr 1:	15 ENTERPRISE STE 550	**Owner Phone:**	9494484337
Mailing Addr 2:		**Owner Fax:**	

Contact Information

Contact Name:	LAURA GOMEZ
Street Address 1:	15 ENTERPRISE STE 550
Street Address 2:	
City:	ALISO VIEJO
State:	CA
Zip:	92656
Phone:	9494484337

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
5	6 of 6	ESE/0.01	454.43	HUNTER GRAPHICS INC 21 ARGONAUT ALISO VIEJO CA 92656	RCRA GEN

EPA Handler ID:	CAD982509853
Current Site Name:	HUNTER GRAPHICS INC
Generator Status Universe:	Small Quantity Generator
Land Type:	Federal
Activity Location:	CA
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	21, ARGONAUT, , ALISO VIEJO, CA, 92656,
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	21 ARGONAUT, , ALISO VIEJO, CA, 92656, US
Contact Email:	

Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: ALEX HUNTER
Owner/Operator Address: NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone: 4155551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: NOT REQUIRED
Owner/Operator Address: NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone: 4155551212
Owner/Operator Type: F
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 19891114
Facility Name: HUNTER GRAPHICS INC
Classification: Small Quantity Generator

Hazardous Waste Information

Violation/Evaluation Information

6	1 of 1	E/0.02	454.88	AMBRY GENETICS CORPORATION 7 ARGONAUT ALISO VIEJO CA 92656	RCRA GEN

EPA Handler ID: CAR000254599
Current Site Name: AMBRY GENETICS CORPORATION
Generator Status Universe: Large Quantity Generator
Land Type: Private
Activity Location: CA
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:

Mailing Address: 15, ARGONAUT, , ALISO VIEJO, CA, 92656, US
Contact Name: MARISSA J TRACY
Contact Address: 15, ARGONAUT, , ALISO VIEJO, CA, 92656, US
Contact Email: MTRACY@AMBRYGEN.COM
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: AMBRY GENETICS CORPORATION
Owner/Operator Address: ARGONAUT ALISO VIEJO US 92656
Owner/Operator Phone: 9499005500
Owner/Operator Type: P
Date Became Current: 20141106
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: AMBRY GENETICS CORPORATION
Owner/Operator Address: ARGONAUT ALISO VIEJO US 92656
Owner/Operator Phone: 9499005500
Owner/Operator Type: P
Date Became Current: 20141106
Date Ended Current:

NAICS Information

Naics Code: 541711
Naics Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

Handler Information

Date Received: 20150630
Facility Name: AMBRY GENETICS CORPORATION
Classification: Large Quantity Generator

Hazardous Waste Information

Waste Code: 135
Waste: from br conversion

Waste Code: D001
Waste: IGNITABLE WASTE

Waste Code: 343
Waste: from br conversion

Waste Code: F002
Waste: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: 123
Waste: from br conversion

Waste Code: 212
Waste: from br conversion

Waste Code: D002
Waste: CORROSIVE WASTE

Waste Code: 352
Waste: from br conversion

Violation/Evaluation Information

7	1 of 1	WSW/0.08	528.22	MEINEKE & ECONO LUBE #4129 22932 GLENWOOD ALISO VIEJO CA 92656	ORANGE AST

Facility ID: FA0053111
Care of:

8	1 of 1	SE/0.10	447.86	PARA TECH COATING INC 35 ARGONAUT ALISO VIEJO CA 92656	RCRA GEN

EPA Handler ID: CAR000057828
Current Site Name: PARA TECH COATING INC
Generator Status Universe: Small Quantity Generator
Land Type: Private
Activity Location: CA
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 35 ARGONAUT, , ALISO VIEJO, CA, 92656,
Contact Name: LUIS SORIANO
Contact Address: 35 ARGONAUT, , ALISO VIEJO, CA, 92656, US
Contact Email:
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: JEFFREY STEWART
Owner/Operator Address: 35 ARGONAUT ALISO VIEJO CA 92656
Owner/Operator Phone: 9498558010
Owner/Operator Type: P

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 19991013
Facility Name: PARA TECH COATING INC
Classification: Small Quantity Generator

Hazardous Waste Information

Waste Code: D001
Waste: IGNITABLE WASTE

Violation/Evaluation Information

9	1 of 1	ESE/0.16	442.50	KENNEDY PIPELINE CO 61 ARGONAUT ALISO VIEJO CA 92656	ORANGE UST

Facility ID: FA0025143

10	1 of 1	S/0.21	555.58	UNITED PARCEL SERVICE 22 BROOKLINE ALISO VIEJO CA 92656	UST

Facility ID: 10049
County: Orange
Permitting Agency: ORANGE COUNTY
Latitude: 33.5897987
Longitude: -117.7278219

11	1 of 1	E/0.24	385.38	KENNEDY PIPELINE CO 61 ARGONAUT ALISO VIEJO CA 92656	UST

Facility ID: 9851
County: Orange
Permitting Agency: ORANGE COUNTY
Latitude: 33.5932802
Longitude: -117.7224319

12	1 of 1	SW/0.25	552.94	UNITED PARCEL SERVICE 22 BROOKLINE ALISO VIEJO CA 92656	LUST

Global ID: T0605902532
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1996-01-04 00:00:00
RB Case Number: 9UT3197
LOC Case Number: 95UT025
CUF Case: NO
Potential Cntm of Concrn: Diesel, Gasoline
Potential Media Affected: Soil

County:	Orange
Latitude:	33.5920773
Longitude:	-117.7289683
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	KL
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency

Status History

Status:	Completed - Case Closed
Status Date:	1996-01-04 00:00:00
Status:	Open - Case Begin Date
Status Date:	1995-04-06 00:00:00

Activities

Action Type:	Other
Date:	1995-04-06 00:00:00
Action:	Leak Discovery
Action Type:	Other
Date:	1995-04-06 00:00:00
Action:	Leak Reported

Contact Information

Contact Type:	Local Agency Caseworker
Contact Name:	JAMES STROZIER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD SUITE 120
City:	SANTA ANA
Email:	jstrozier@ochca.com
Phone Number:	7144336273
Contact Type:	Local Agency Caseworker
Contact Name:	KEVIN LAMBERT
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E DYER ROAD SUITE 120
City:	SANTA ANA
Email:	klambert@ochca.com
Phone Number:	7144336261

Unplottable Summary

Total: 20 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
CHMIRS	South Coast Water District	400 yards from the mouth of Aliso Creek	Laguna Beach CA	92607-0205	821805798
CHMIRS	chp san juan capistrano	glenwood 10 ft west of moulton parkway residential area	aliso viejo CA	92653	821809885
CHMIRS	Laguna Beach Public Works Dept	Incident Locations // Cleo St // Main Beach // Bluebird Canyon// Aliso Creek.	Laguna Beach CA	92651	821881171
CHMIRS	So Orange Co Waste Water Authority	Laguna Nigel Regional Park La Pas Road and Aliso Creek Road	Laguna Niguel CA		821756365
CHMIRS	So. Orange Co. Waste Water Authority	Nearest cross streets are Aliso Creek and Alisha Parkway	Laguna Niguel CA	92677	821771490
CHMIRS	Laguna Beach Dept of Marine Safety	Aliso Creek Beach, nearest cross street to the North is PCH and Westley, Latitud de 33ï¿½ 30' 38" N, Longitude 117ï¿½ 45' 9" W	Laguna Beach CA		821774537
ENVIROSTOR	LAGUNA NIGUEL ELEMENTARY SCHOOL	MOULTON PARKWAY/ALISO NIGUEL	LAGUNA NIGUEL CA	92656	820296671
ENVIROSTOR	ELEMENTARY SCHOOL	ALISO CREEK ROAD/NIGUEL HEIGHTS BOULEVARD	LAGUNA NIGUEL CA	92656	820299951
FINDS/FRS	PACIFIC BELL	27151 ALISO CREEK RD	LAGUNA NIGUEL CA	92677	816467121
HAZNET	1X DUNNE PROPERTIES CORP.	92 ARGONAUT	LAGUNA HILLS CA	927020000	826439284

HAZNET	MOULTON NIGUEL WATER DISTRICT	27155 ALISO CREEK RD	LAGUNA NIGUEL CA	92607	826759766
HAZNET	PACIFIC BELL TELEPHONE CO DBA AT&T CALIF	27151 ALISO CREEK RD	LAGUNA NIGUEL CA	926770000	826679317
HAZNET	GONZO GRAPHICS	2741 ALISO CREEK RD	ALISO VIEJO CA	926560000	826950231
HAZNET	SOUTHERN CALIFORNIA EDISON BORREGO SUBSTATION	SOUTHWEST CORNER OF EL TORO RD AND ALISO CREEK RD	LAGUNA WOODS CA	92637	826410464
HHSS	LAGUNA NIGUEL REGIONAL PARK	28241 LA PAZRD. LA PAZ & ALISO CREEK	LAGUNA NIGUEL CA	92677	822958737
HHSS	PACIFIC BELL LE-287	27151 ALISO CREEK RD	LAGUNA NIGUEL CA	92677	822946771
HIST MANIFEST		27151 ALISO CREEK RD	LAGUNA NIGUEL CA	926770000	827559391
RCRA GEN	PACIFIC BELL	27151 ALISO CREEK RD	LAGUNA NIGUEL CA	92677	810623844
SCH	ELEMENTARY SCHOOL	ALISO CREEK ROAD/NIGUEL HEIGHTS BOULEVARD	LAGUNA NIGUEL CA	92656	820263384
SCH	LAGUNA NIGUEL ELEMENTARY SCHOOL	MOULTON PARKWAY/ALISO NIGUEL	LAGUNA NIGUEL CA	92656	820264388

Unplottable Report

Site: ***South Coast Water District***
400 yards from the mouth of Aliso Creek Laguna Beach CA 92607-0205

CHMIRS

Control NO:	03-0249
Notified Date:	1/14/200312:28:11 PM
Year:	2003
Agency:	South Coast Water District
County:	Orange County
California Hazardous Material Incident Report System	
--	--
Contained:	Yes
Water Involved:	Yes
Water Way:	Aliso Creek
Incident Date:	1/14/200312:00:00 AM
Incident Time:	
Spill Site:	
Injuries?:	
Injuries Number:	0
Fatals?:	
Fatals Number:	0
Evacs?:	
Evacs Number:	0
Clean Up:	Responsible Party
Admin Agency:	Orange County Emergency Managment Div
Site:	Treatment/Sewage Facility
Cause:	
DOG Number:	
1 Substance:	
1 Quantity:	
1 Measure:	
1 Type:	
1 Other:	
1 Pipeline:	
1 Vessel 300 Tons:	
2 Substance:	
2 Quantity::	
2 Measure:	
2 Type:	
2 Other:	
2 Pipeline:	
2 Vessel 300 Tons:	
3 Substance:	
3 Quantity:	
3 Measure:	
3 Type:	
3 Other:	
3 Pipeline:	
3 Vessel 300 Tons:	
Barrels:	0
Cups:	0
Cubic Ft:	0
Gallons:	1,000

Grams:	0
Lbs:	0
Liters:	0
Ozs:	0
Pts:	0
Qts:	0
Sheen:	0
Tons:	0
Unknown:	0
Cause Other:	
Notification Area:	
Description:	

Site: ***chp san juan capistrano***
glenwood 10 ft west of moulton parkway residential area aliso viejo CA 92653 CHMIRS

Control NO:	3944
Notified Date:	9/1/1994
Year:	1994
Agency:	chp san juan capistrano
County:	ORANGE
California Hazardous Material	
Incident Report System	
--	--
Contained:	NO
Water Involved:	YES
Water Way:	
Incident Date:	1130/01sept94
Incident Time:	
Spill Site:	
Injuries?:	
Injuries Number:	NO
Fatals?:	
Fatals Number:	NO
Evacs?:	
Evacs Number:	NO
Clean Up:	orange county environ. mgmt agency
Admin Agency:	
Site:	RD
Cause:	
DOG Number:	
1 Substance:	
1 Quantity:	2-gals
1 Measure:	
1 Type:	PETROLEUM
1 Other:	
1 Pipeline:	
1 Vessel 300 Tons:	
2 Substance:	
2 Quantity::	
2 Measure:	
2 Type:	
2 Other:	
2 Pipeline:	
2 Vessel 300 Tons:	
3 Substance:	
3 Quantity:	
3 Measure:	
3 Type:	
3 Other:	
3 Pipeline:	

3 Vessel 300 Tons:
Barrels:
Cups:
Cubic Ft:
Gallons:
Grams:
Lbs:
Liters:
Ozs:
Pts:
Qts:
Sheen:
Tons:
Unknown:
Cause Other:
Notification Area:
Description:

Site: ***Laguna Beach Public Works Dept***
Incident Locations // Cleo St // Main Beach // Bluebird Canyon// Aliso Creek. Laguna Beach CA 92651

CHMIRS

Control NO:	'10-7739
Notified Date:	12/22/2010 6:23
Year:	2010
Agency:	Laguna Beach Public Works Dept
County:	Orange County
California Hazardous Material Incident Report System	
--	--
Contained:	No
Water Involved:	Yes
Water Way:	Aliso Creek / Storm Drains
Incident Date:	12/22/2010
Incident Time:	300
Spill Site:	Waterways
Injuries?:	No
Injuries Number:	
Fatals?:	No
Fatals Number:	
Evacs?:	No
Evacs Number:	
Clean Up:	Unknown
Admin Agency:	Orange County Emergency Management Division
Site:	Aliso Creek / Storm Drains
Cause:	Other
DOG Number:	
1 Substance:	
1 Quantity:	Unknown
1 Measure:	Unknown
1 Type:	SEWAGE
1 Other:	
1 Pipeline:	
1 Vessel 300 Tons:	
2 Substance:	
2 Quantity::	
2 Measure:	
2 Type:	
2 Other:	
2 Pipeline:	
2 Vessel 300 Tons:	

3 Substance:
3 Quantity:
3 Measure:
3 Type:
3 Other:
3 Pipeline:
3 Vessel 300 Tons:
Barrels:
Cups:
Cubic Ft:
Gallons:
Grams:
Lbs:
Liters:
Ozs:
Pts:
Qts:
Sheen:
Tons:
Unknown:
Cause Other: System Inundation
Notification Area: AA/CUPA,DFG-OSPR,DTSC,RWQCB,US EPA,USFWS,CDPH-D.O.,LANDS,PARKS & REC,USCG,Co/WP,Co/Hlth,Co/E-Hlth
Description:

Site: ***So Orange Co Waste Water Authority***
Laguna Nigel Regional Park La Pas Road and Aliso Creek Road Laguna Niguel CA CHMIRS

Control NO: '08-8138
Notified Date: 11/12/2008 13:13
Year: 2008
Agency: So Orange Co Waste Water Authority
County: Orange County

California Hazardous Material Incident Report System
-- --
Contained: Yes
Water Involved: Yes
Water Way: Sulfur Creek
Incident Date: 11/12/2008
Incident Time: 930
Spill Site: Other
Injuries?:
Injuries Number: 0
Fatals?:
Fatals Number: 0
Evacs?:
Evacs Number: 0
Clean Up: Contractor
Admin Agency: Orange County Emergency Managment Div
Site: Sulfur Creek
Cause:
DOG Number:
1 Substance:
1 Quantity: 50
1 Measure: Gal(s)
1 Type: SEWAGE
1 Other:
1 Pipeline:
1 Vessel 300 Tons:
2 Substance:

2 Quantity::
2 Measure:
2 Type:
2 Other:
2 Pipeline:
2 Vessel 300 Tons:
3 Substance:
3 Quantity:
3 Measure:
3 Type:
3 Other:
3 Pipeline:
3 Vessel 300 Tons:
Barrels:
Cups:
Cubic Ft:
Gallons:
Grams:
Lbs:
Liters:
Ozs:
Pts:
Qts:
Sheen:
Tons:
Unknown:
Cause Other:
Notification Area: AA/CUPA,DFG-OSPR,DTSC,RWQCB,US EPA,USFWS,COASTAL COM,LANDS,PARKS & REC,USCG,Co/E-Hlth
Description:

Site: ***So. Orange Co. Waste Water Authority***
Nearest cross streets are Aliso Creek and Alisha Parkway Laguna Niguel CA 92677 CHMIRS

Control NO: '10-7201
Notified Date: 12/1/2010 11:53
Year: 2010
Agency: So. Orange Co. Waste Water Authority
County: Orange County

California Hazardous Material Incident Report System
-- --
Contained: Yes
Water Involved: Yes
Water Way: Sulfur Creek
Incident Date: 12/1/2010
Incident Time: 1000
Spill Site: Other
Injuries?: No
Injuries Number:
Fatals?: No
Fatals Number:
Evacs?: No
Evacs Number:
Clean Up: Responsible Party
Admin Agency: Orange County Emergency Management Division
Site: Sulfur Creek
Cause: Unknown
DOG Number:
1 Substance:
1 Quantity: 200-300

1 Measure:	Gal(s)
1 Type:	SEWAGE
1 Other:	
1 Pipeline:	
1 Vessel 300 Tons:	
2 Substance:	
2 Quantity::	
2 Measure:	
2 Type:	
2 Other:	
2 Pipeline:	
2 Vessel 300 Tons:	
3 Substance:	
3 Quantity:	
3 Measure:	
3 Type:	
3 Other:	
3 Pipeline:	
3 Vessel 300 Tons:	
Barrels:	
Cups:	
Cubic Ft:	
Gallons:	
Grams:	
Lbs:	
Liters:	
Ozs:	
Pts:	
Qts:	
Sheen:	
Tons:	
Unknown:	
Cause Other:	
Notification Area:	AA/CUPA,DFG-OSPR,DTSC,RWQCB,US EPA,USFWS,COASTAL COM,LANDS,PARKS & REC,USCG
Description:	

Site: ***Laguna Beach Dept of Marine Safety***
Aliso Creek Beach, nearest cross street to the North is PCH and Westley, Latitud de 33° 30' 38" N, Longitude 117° 45' 9" W Laguna Beach CA

CHMIRS

Control NO:	'09-8624
Notified Date:	12/30/2009 3:45
Year:	2009
Agency:	Laguna Beach Dept of Marine Safety
County:	Orange County
California Hazardous Material Incident Report System	
--	--
Contained:	Yes
Water Involved:	Yes
Water Way:	Pacific Ocean and Aliso Creek
Incident Date:	12/30/2009
Incident Time:	300
Spill Site:	Waterways
Injuries?:	No
Injuries Number:	
Fatals?:	No
Fatals Number:	
Evacs?:	No
Evacs Number:	

Clean Up:	Unknown
Admin Agency:	Orange County Emergency Management Division
Site:	Pacific Ocean and Aliso Creek
Cause:	Other
DOG Number:	
1 Substance:	
1 Quantity:	Unknown
1 Measure:	Gal(s)
1 Type:	PETROLEUM
1 Other:	
1 Pipeline:	
1 Vessel 300 Tons:	
2 Substance:	
2 Quantity::	
2 Measure:	
2 Type:	
2 Other:	
2 Pipeline:	
2 Vessel 300 Tons:	
3 Substance:	
3 Quantity:	
3 Measure:	
3 Type:	
3 Other:	
3 Pipeline:	
3 Vessel 300 Tons:	
Barrels:	
Cups:	
Cubic Ft:	
Gallons:	
Grams:	
Lbs:	
Liters:	
Ozs:	
Pts:	
Qts:	
Sheen:	
Tons:	
Unknown:	
Cause Other:	Vessel ran aground.
Notification Area:	AA/CUPA,DFG-OSPR,DTSC,RWQCB,US EPA,USFWS,COASTAL COM,LANDS,PARKS & REC,USCG,Co/WP
Description:	
California OES Update	
--	--
Occurence Date:	12/30/2009
Occurance Time:	300
Update Description:	12/30/2009 04:19:23 AM - CORRECTION - Section 2. f. should read CONTAINED - NO. Release is not contained.
Person Notifying Update	Person Notifying Update
Place:	
Update Known Impact:	
Update Cause:	
Situation Update:	CORRECTION - Section 2. f. should read CONTAINED - NO. Release is not contained.
DOC URL:	https://w3.calema.ca.gov/operational/malhaz.nsf/f1841a103c102734882563e200760c4a/aa1465374fd7f9798825769c0043b1a9?OpenDocument
California OES Update Quantities	
--	--
Amount:	
Meansure:	Gal(s)
Main Page Information	

--	--
Document Title:	Cal OES-Update
Creation Date:	12/30/2009 04:19 AM
Spill Site:	
Water Type:	PETROLEUM

Site: ***LAGUNA NIGUEL ELEMENTARY SCHOOL***
MOULTON PARKWAY/ALISO NIGUEL LAGUNA NIGUEL CA 92656 ENVIROSTOR

Estor/EPA ID:	30020001
Site Code:	404163
Cleanup Status:	INACTIVE - NEEDS EVALUATION AS OF 12/27/2000
Site Type:	SCHOOL
Potential Media Affected:	NONE SPECIFIED
Past Uses Caused Contam:	AGRICULTURAL - LIVESTOCK
APN:	NONE SPECIFIED
National Priorities List:	NO
Cleab up Oversight Agenci:	DTSC - SITE CLEANUP PROGRAM - LEAD
Special Program:	
Funding:	SCHOOL DISTRICT
Acres:	0 ACRES
School District:	CAPISTRANO UNIFIED SCHOOL DISTRICT
Assembly District:	73
Senate District:	36
Zip:	92656

POTENTIAL CONTAMI:

SITE HISTORY:

The site of unknown size historically was believed to be used as a sheep and or cattle pastureland. Several concerns were identified desilting basin, characterization of soil piles, and a description of the fill material and its origin.

Facility Information

--	--
Program Type:	SCHOOL EVALUATION
Status:	INACTIVE - NEEDS EVALUATION
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=30020001
--	--
Completed Activities	
--	--
Doc Link:	
Area Name:	
Sub Area:	
Document Type:	Phase 1
Date Completed:	1/24/2001
Comments:	The school district dropped the site in January 2001.
Activity Type:	Completed Activities
--	--

Site: ***ELEMENTARY SCHOOL***
ALISO CREEK ROAD/NIGUEL HEIGHTS BOULEVARD LAGUNA NIGUEL CA 92656 ENVIROSTOR

Estor/EPA ID:	30000001
Site Code:	404189
Cleanup Status:	NO ACTION REQUIRED AS OF 1/24/2001
Site Type:	SCHOOL
Potential Media Affected:	NO MEDIA AFFECTED
Past Uses Caused Contam:	NONE
APN:	NONE SPECIFIED
National Priorities List:	NO

Cleab up Oversight Agenci: DTSC - LEAD
Special Program:
Funding: SCHOOL DISTRICT
Acres: 8.45 ACRES
School District: CAPISTRANO UNIFIED SCHOOL DISTRICT
Assembly District: 73
Senate District: 36
Zip: 92656

POTENTIAL CONTAMI:

NO CONTAMINANTS FOUND

SITE HISTORY:

The subject site is vacant, prior to 1987 the site was undeveloped, rolling hillside terrain. In 1987-1988, the property was rough graded along with adjoining properties. Fill material was generated during the grading process. No agriculture appear to have occurred on the site

Facility Information
-- --
Program Type: SCHOOL EVALUATION
Status: NO ACTION REQUIRED
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=30000001
-- --
Completed Activities
-- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=30000001&doc_id=6003064
Area Name:
Sub Area:
Document Type: Phase 1
Date Completed: 1/24/2001
Comments:
Activity Type: Completed Activities
-- --

Site: ***PACIFIC BELL***
27151 ALISO CREEK RD LAGUNA NIGUEL CA 92677 FINDS/FRS

Registry ID: 110002952528
FIPS Code: 06059
Program Acronyms:
HUC Code: 18070301
Site Type Name: STATIONARY
EPA Region Code: 09
Conveyor: RCRIS
County Name: ORANGE
Source:
SIC Codes:
SIC Code Descriptions:
Federal Facility Code:
NAICS Codes:
NAICS Code Descriptions:
Federal Agency Name:
US/Mexico Border Ind:
Congressional Dist No: 48
Census Block Code: 060590626394000
Create Date: 01-MAR-2000 00:00:00
Update Date: 08-AUG-2010 17:01:23
Location Description:
Supplemental Location:

Tribal Land Code:
Tribal Land Name:
Latitude: 33.557
Longitude: -117.723889
Coord Collection Method: INTERPOLATION-MAP
Accuracy Value:
Datum: NAD83
Reference Point:
Interest Types: SQG, STATE MASTER
Facility Detail Rprt URL: http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002952528

Site: ***1X DUNNE PROPERTIES CORP.***
92 ARGONAUT LAGUNA HILLS CA 927020000

HAZNET

SIC Code:
NAICS Code:
EPA ID: CAD982470841
Create Date: 10/13/1988
Fac Act Ind: No
Inact Date: 1/1/1991
File Source: File Sent By Department
County Code: 30
County Name: Orange
Mail Name:
Mailing Addr 1: 28 BROOKHOLLOW DRIVE
Mailing Addr 2:

Mailing City: SANTA ANA
Mailing State: CA
Mailing Zip: 927020000
Region Code: 4
Owner Name: DUNN PROPERTIES
Owner Addr 1: --
Owner Addr 2:
Owner City: --
Owner State: 99
Owner Zip: --
Owner Phone: 0000000000
Owner Fax:

Contact Information
-- --
Contact Name: GENE WILSON, CON MGR
Street Address 1: --
Street Address 2:
City: --
State: 99
Zip: --
Phone: 7145402100
-- --

Site: ***MOULTON NIGUEL WATER DISTRICT***
27155 ALISO CREEK RD LAGUNA NIGUEL CA 92607

HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC002660046
Create Date: 11/18/2010
Fac Act Ind: No
Inact Date: 5/18/2011
File Source: File Sent By Department
County Code: 30
County Name: Orange
Mail Name:
Mailing Addr 1: 2161 GORDON RD
Mailing Addr 2:

Mailing City: LAGUNA HILLS
Mailing State: CA
Mailing Zip: 92656
Region Code: 4
Owner Name: MOULTON NIGUEL WATER DISTRICT
Owner Addr 1: 2161 GORDON RD
Owner Addr 2:
Owner City: LAGUNA HILLS
Owner State: CA
Owner Zip: 92656
Owner Phone: 9494253535
Owner Fax:

Contact Information
-- --
Contact Name: MARCOS LAZARO
Street Address 1: 2161 GORDON RD
Street Address 2:
City: LAGUNA HILLS
State: CA

Zip:	92656
Phone:	9494253535
--	--
Tanner Information	
--	--
Generator EPA ID:	CAC002660046
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	0.63
Year:	2010
--	--
Generator EPA ID:	CAC002660046
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	0.924
Year:	2011
--	--
Generator EPA ID:	CAC002660046
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.05
Year:	2011
--	--

Site: ***PACIFIC BELL TELEPHONE CO DBA AT&T CALIF***
27151 ALISO CREEK RD LAGUNA NIGUEL CA 926770000

HAZNET

SIC Code:	4899	***Mailing City:***	SAN RAMON
NAICS Code:	51331	***Mailing State:***	CA
EPA ID:	CAT080025596	***Mailing Zip:***	945830000
Create Date:	7/23/1982	***Region Code:***	4
Fac Act Ind:	Yes	***Owner Name:***	PACIFIC BELL
Inact Date:		***Owner Addr 1:***	P.O. BOX 5095, 4W200I
File Source:	File Sent By Department	***Owner Addr 2:***	
County Code:	30	***Owner City:***	SAN RAMON
County Name:	Orange	***Owner State:***	CA
Mail Name:		***Owner Zip:***	945830000
Mailing Addr 1:	P.O. BOX 5095, 4W200I	***Owner Phone:***	9258238866

Mailing Addr 2: ***Owner Fax:*** 9259730584

Contact Information

--	--
Contact Name:	SEAN MCFARLANE
Street Address 1:	5001 EXECUTIVE PARKWAY
Street Address 2:	
City:	SAN RAMON
State:	CA
Zip:	945830000
Phone:	9252776725
--	--
Tanner Information	
--	--
Generator EPA ID:	CAT080025596
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	T01
Method Description:	Treatment, tank
Tons:	10.5
Year:	2002
--	--
Generator EPA ID:	CAT080025596
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	1.89
Year:	2000
--	--
Generator EPA ID:	CAT080025596
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	0.42
Year:	2009
--	--
Generator EPA ID:	CAT080025596
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAL000027741
TSD County Code:	05
TSD County:	Calaveras
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste

Method Code: D80
Method Description: Disposal, landfill
Tons: 0.01
Year: 1994
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD067786749
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 151
State Waste Code Desc.: Asbestos containing waste
Method Code: D80
Method Description: Disposal, landfill
Tons: 10.1136
Year: 1993
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD009007626
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 151
State Waste Code Desc.: Asbestos containing waste
Method Code: D80
Method Description: Disposal, landfill
Tons: 0.4214
Year: 2003
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD009007626
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 151
State Waste Code Desc.: Asbestos containing waste
Method Code: H132
Method Description: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons: 0.4
Year: 2009
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: H01
Method Description: Transfer station
Tons: 0.075
Year: 2004
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD028409019

TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.65
Year: 2009
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code:
Method Description:
Tons: 2.28
Year: 1993
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: R01
Method Description: Recycler
Tons: 0.076
Year: 2000
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: AZD009015389
TSD County Code: 99
TSD County: Unknown
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: R01
Method Description: Recycler
Tons: 0.076
Year: 2004
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 241
State Waste Code Desc.: Tank bottom waste
Method Code: H039
Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons: 2.502
Year: 2009

--	--
Generator EPA ID:	CAT080025596
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAL000113451
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	R01
Method Description:	Recycler
Tons:	1.19
Year:	2004
--	--
Generator EPA ID:	CAT080025596
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	AZD009015389
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	R01
Method Description:	Recycler
Tons:	0.935
Year:	2004
--	--
Generator EPA ID:	CAT080025596
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H01
Method Description:	Transfer station
Tons:	0.01
Year:	2000
--	--
Generator EPA ID:	CAT080025596
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	1
Year:	2009
--	--
Generator EPA ID:	CAT080025596
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids

Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.025
Year:	2010
--	--

Site: ***GONZO GRAPHICS***
2741 ALISO CREEK RD ALISO VIEJO CA 926560000 HAZNET

SIC Code:		***Mailing City:***	LAGUNA HILLS
NAICS Code:		***Mailing State:***	CA
EPA ID:	CAL000078259	***Mailing Zip:***	926530000
Create Date:	7/15/1993	***Region Code:***	4
Fac Act Ind:	No	***Owner Name:***	--
Inact Date:	12/31/1899	***Owner Addr 1:***	--
File Source:	File Sent By Department	***Owner Addr 2:***	
County Code:	30	***Owner City:***	--
County Name:	Orange	***Owner State:***	99
Mail Name:		***Owner Zip:***	--
Mailing Addr 1:	23141 LA CADENA	***Owner Phone:***	0000000000
Mailing Addr 2:		***Owner Fax:***	

Contact Information

--	--
Contact Name:	UNDELIVERABLE PER 95 FEES FORM
Street Address 1:	MB
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	--
--	--

Site: ***SOUTHERN CALIFORNIA EDISON BORREGO SUBSTATION***
SOUTHWEST CORNER OF EL TORO RD AND ALISO CREEK RD LAGUNA WOODS CA 92637 HAZNET

SIC Code:	4939	***Mailing City:***	ROSEMEAD
NAICS Code:	221121	***Mailing State:***	CA
EPA ID:	CAC002768451	***Mailing Zip:***	917700000
Create Date:	4/22/2014	***Region Code:***	3
Fac Act Ind:	No	***Owner Name:***	SOUTHERN CALIFORNIA EDISON
Inact Date:	7/22/2014	***Owner Addr 1:***	PO BOX 800
File Source:	File Sent By Department	***Owner Addr 2:***	
County Code:	30	***Owner City:***	ROSEMEAD
County Name:	Orange	***Owner State:***	CA
Mail Name:		***Owner Zip:***	917700000
Mailing Addr 1:	PO BOX 800	***Owner Phone:***	6268628458
Mailing Addr 2:		***Owner Fax:***	6263022031

Contact Information

--	--
Contact Name:	SARA M. DUVALL
Street Address 1:	P.O. BOX 800
Street Address 2:	
City:	ROSEMEAD
State:	CA
Zip:	91770
Phone:	6268628458
--	--

Tanner Information

--	--
Generator EPA ID:	CAC002768451
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD050806850
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.228
Year:	2014
--	--
Generator EPA ID:	CAC002768451
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAD050806850
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	261
State Waste Code Desc.:	Polychlorinated biphenyls and material containing PCBs
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	1.6263
Year:	2014
--	--

Site: ***LAGUNA NIGUEL REGIONAL PARK***
28241 LA PAZRD. LA PAZ & ALISO CREEK LAGUNA NIGUEL CA 92677 HHSS

County:	
Pdf File Url:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002e811.pdf

Site: ***PACIFIC BELL LE-287***
27151 ALISO CREEK RD LAGUNA NIGUEL CA 92677 HHSS

County:	
Pdf File Url:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ec8e.pdf

Site:
27151 ALISO CREEK RD LAGUNA NIGUEL CA 926770000 HIST MANIFEST

Gen EPA ID:	CAT080025596
Create Date:	7/23/1982 0:00:00
Inact Date:	
Facility Mail Street:	P.O. BOX 5095, 4W200I
Facility Mail City:	SAN RAMON
Facility Mail State:	CA
Facility Mail Zip:	945830000
Contact Phone(s):	9252776725
File Year(s):	1991; 1992
Contact Name(s):	SEAN MCFARLANE

Tanner Information

--	--
Generator EPA ID:	CAT080025596

Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD067786749
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 151
State Waste Code Desc.: Asbestos containing waste
Method Code: D80
Method Description: Disposal, landfill
Tons: 5.00E-04
Year: 1991
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAL000027741
TSD County Code: 5
TSD County:
State Waste Code: 151
State Waste Code Desc.: Asbestos containing waste
Method Code: D80
Method Description: Disposal, landfill
Tons: 0.08
Year: 1992
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD099452708
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: R01
Method Description: Recycler
Tons: 0.62
Year: 1991
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD067786749
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1991
-- --
Generator EPA ID: CAT080025596
Generator County Code: 30
Generator County: Orange
TSD EPA ID: CAD099452708
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0

Year:	1991
--	--
Generator EPA ID:	CAT080025596
Generator County Code:	30
Generator County:	Orange
TSD EPA ID:	CAL000027741
TSD County Code:	5
TSD County:	
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1992
--	--

Site: ***PACIFIC BELL***
27151 ALISO CREEK RD LAGUNA NIGUEL CA 92677

RCRA GEN

EPA Handler ID:	CAT080025596
Current Site Name:	PACIFIC BELL
Generator Status Universe:	Small Quantity Generator
Land Type:	
Activity Location:	CA
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	500 S.MAIN S TOWER BOCC RM 260, , ORANGE, CA, 92668,
Contact Name:	
Contact Address:	
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
Owner/Operator Indicator:	CP
Owner/Operator Name:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	THE PACIFIC TELEPHONE AND TELEGRAPH CO
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212

Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Handler Information	
--	--
Date Received:	19960901
Facility Name:	PACIFIC BELL
Classification:	Small Quantity Generator
--	--
Date Received:	19810120
Facility Name:	PACIFIC BELL
Classification:	Large Quantity Generator
--	--
Hazardous Waste Information	
--	--
Violation/Evaluation Information	
--	--

Site: ***ELEMENTARY SCHOOL***
ALISO CREEK ROAD/NIGUEL HEIGHTS BOULEVARD LAGUNA NIGUEL CA 92656 SCH

ESTOR/EPA ID:	30000001
Site Code:	404189
Status:	NO ACTION REQUIRED
Cleanup Status:	NO ACTION REQUIRED AS OF 1/24/2001
Program Type:	SCHOOL EVALUATION
Site Type:	SCHOOL
National Priorities List:	NO
CI Up Oversight Agencies:	DTSC - LEAD
Special Program:	
County:	ORANGE
Funding:	SCHOOL DISTRICT
APN:	NONE SPECIFIED
Past Use Caused Contam:	NONE
Potential Contam of Cncrn:	NO CONTAMINANTS FOUND
Potential Media Affected:	NO MEDIA AFFECTED
Acres:	8.45 ACRES
School District:	CAPISTRANO UNIFIED SCHOOL DISTRICT
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=30000001
Assembly District:	73
Senate District:	36
Latitude:	
Longitude:	

SITE HISTORY:

The subject site is vacant, prior to 1987 the site was undeveloped, rolling hillside terrain. In 1987-1988, the property was rough graded along with adjoining properties. Fill material was generated during the grading process. No agriculture appear to have occurred on the site

Completed Activities	
--	--
Date Completed:	1/24/2001
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=30000001&doc_id=6003064
Area Name:	
Sub Area:	
Document Type:	Phase 1

Comments:
-- --

Site: ***LAGUNA NIGUEL ELEMENTARY SCHOOL***
MOULTON PARKWAY/ALISO NIGUEL LAGUNA NIGUEL CA 92656

SCH

ESTOR/EPA ID:	30020001
Site Code:	404163
Status:	INACTIVE - NEEDS EVALUATION
Cleanup Status:	INACTIVE - NEEDS EVALUATION AS OF 12/27/2000
Program Type:	SCHOOL EVALUATION
Site Type:	SCHOOL
National Priorities List:	NO
Cl Up Oversight Agencies:	DTSC - SITE CLEANUP PROGRAM - LEAD
Special Program:	
County:	ORANGE
Funding:	SCHOOL DISTRICT
APN:	NONE SPECIFIED
Past Use Caused Contam:	AGRICULTURAL - LIVESTOCK
Potential Contam of Cncrn:	
Potential Media Affected:	NONE SPECIFIED
Acres:	0 ACRES
School District:	CAPISTRANO UNIFIED SCHOOL DISTRICT
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=30020001
Assembly District:	73
Senate District:	36
Latitude:	33.5646
Longitude:	-117.6968

SITE HISTORY:

The site of unknown size historically was believed to be used as a sheep and or cattle pastureland. Several concerns were identified desilting basin, characterization of soil piles, and a description of the fill material and its origin.

Completed Activities

--	--
Date Completed:	1/24/2001
Doc Link:	
Area Name:	
Sub Area:	
Document Type:	Phase 1
Comments:	The school district dropped the site in January 2001.
--	--

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Oct 8, 2015

National Priority List - Proposed: PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Oct 8, 2015

Deleted NPL: DELETED NPL

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.

Government Publication Date: Oct 8, 2015

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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). 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.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS- Corrective Action: RCRA CORRACTS

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Oct 13, 2015

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Oct 13, 2015

RCRA Generator List: RCRA GEN

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10).

Government Publication Date: Oct 13, 2015

RCRA Non-Generators: RCRA NON GEN

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Oct 13, 2015

Federal Engineering Controls-ECs: FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jul 30, 2014

Federal Institutional Controls- ICs: FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Jul 30, 2014

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the The National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the The National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports controlled by the The National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Oct 7, 2015

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jul 20, 2015

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC.

Government Publication Date: Oct 7, 2014

State

Proposed Closure of Underground Storage Tank Cases: UST CLOSURE

List of UST cases that are being considered for closure by either the California Environmental Protection Agency, State Water Resources Control Board or the Executive Director that have been posted for a 60-day public comment period.

Government Publication Date: Sept 10, 2015

State Response Sites: RESPONSE

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

Government Publication Date: Aug 24, 2015

EnviroStor Database: ENVIROSTOR

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.

Government Publication Date: Dec 31, 2015

Solid Waste Information System (SWIS): SWF/LF

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Government Publication Date: Sep 02, 2015

EnviroStor Hazardous Waste Facilities: HWP

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

Government Publication Date: Sep 8, 2015

Land Disposal Sites: LDS

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

Government Publication Date: Jul 16, 2015

Leaking Underground Fuel Tank Reports: LUST

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

Government Publication Date: Dec 4, 2015

Delisted Leaking Storage Tanks: DLST

This database contains a list of leaking storage tank sites that were removed from the GeoTracker is the State Water Resources Control Board's (SWRCB) data management system.

Government Publication Date: Aug 31,2015

Permitted Underground Storage Tank (UST) in GeoTracker: UST

List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).

Government Publication Date: Sep 8, 2015

Aboveground Storage Tanks: AST

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

Historical Hazardous Substance Storage Information Database: HHSS

The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.

Government Publication Date: Aug 27, 2015

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions: LUR

The Department of Toxic Substances Control (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 land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Aug 25, 2015

Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions: HLUR

The Department of Toxic Substances Control (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.

Government Publication Date: Nov 30, 2015

Deed Restrictions and Land Use Restrictions: DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Jul 20, 2015

Voluntary Cleanup Program: VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Dec 7, 2015

GeoTracker Cleanup Sites Data: CLEANUP SITES

A list of cleanup sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Dec 4, 2015

Well Investigation Program Case List: WIP

The Well Investigation Program (WIP) was developed by the State Water Resources Control Board (SWRCB) to locate, assess and remediate sources of solvent contamination impacting drinking water wells. This list contains WIP cases (active and historical) for the San Gabriel and San Fernando Valley area and was provided by the Los Angeles Regional Water Quality Control Board.

Government Publication Date: Nov 13, 2015

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands: INDIAN LUST
LUSTs on Tribal/Indian Lands in Region 9, which includes California.
Government Publication Date: Aug 28, 2014

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST
USTs on Tribal/Indian Lands in Region 9, which includes California.
Government Publication Date: Aug 28, 2014

County

Alameda County LOP Sites List: ALAMEDA LOP
A list of Leaking Underground Storage Tanks (LUST) facilities in Alameda County. This list is made available by Alameda County Department of Environmental Health (ACEH). ACEH implements a Local Oversight Program (LOP) under contract with the State Water Resources Control Board to provide regulatory oversight of the investigation and cleanup of soil and groundwater contamination from leaking petroleum USTs.
Government Publication Date: Sep 23, 2015

Alameda County UST List: ALAMEDA UST
A list of all registered Underground Storage Tanks (USTs) in the County of Alameda. The list is made available by Alameda County Department of Environmental Health.
Government Publication Date: Sep 23, 2015

Amador County CUPA List: AMADOR CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Amador County. This list is made available by Amador County Environmental Health Department which is the CUPA for Amador County and administers a consolidated hazardous materials program.
Government Publication Date: Nov 16, 2015

Butte County CUPA List: BUTTE CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Butte County. This list is made available by Butte County Public Health Department, Environmental Health Division which was certified by the California Environmental Protection Agency as the CUPA for Butte County.
Government Publication Date: May 28, 2015

Calaveras County CUPA Facilities List: CALAVERAS CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Calaveras. This list is made available by Calaveras County Environmental Health Department which has been certified by CalEPA to implement the Unified program as a CUPA.
Government Publication Date: Jun 19, 2015

Calaveras County Landfills List: CALAVERAS LF
A list of landfills in Calaveras County. This list is made available by Calaveras County Environmental Health Department which has been designated as the CUPA for the County.
Government Publication Date: Jul 21, 2014

Calaveras County UST Remediation Sites: CALAVERAS LUST

A list of Leaking Underground Storage Tank (LUST) facilities in Calaveras County. This list is made available by Calaveras County Environmental Health Department. Local Implementing Agency (LIA) provides oversight of site remediation with soil contamination while CalEPA - California Regional Water Quality Control Board - Central Valley Region oversees remediation of sites with groundwater contamination.

Government Publication Date: Aug 13, 2014

Colusa County CUPA List: COLUSA CUPA

A list of facilities associated with Business Plan and Hazardous Generator programs in the County of Colusa. This list is made available by Colusa County Environmental Health which was certified by the California Environmental Protection Agency as Certified Unified Program Agency for Colusa County.

Government Publication Date: Sep 12, 2014

Contra Costa County CUPA List: CONTRACO CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Contra Costa. This list is made available by Contra Costa County which has been certified by CalEPA to implement the Unified program as a CUPA.

Government Publication Date: Jun 15, 2015

Del Norte County CUPA Facility List: DELNORTE CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Del Norte County. This list is made available by Del Norte County Environmental Health Division which is the designated CUPA for the county.

Government Publication Date: Jan 22, 2016

El Dorado County CUPA Facility List: ELDORADO CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in El Dorado County. This list is made available by El Dorado County Department of Environmental Management - Hazardous Waste Division which is approved by CalEPA as CUPA for El Dorado County.

Government Publication Date: Dec 28, 2015

Fresno County CUPA/Solid Waste Programs Resource List: FRESNO CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Fresno County. This list is made available by Fresno County Department of Environmental Health Division which is approved by Cal-EPA as CUPA for the County.

Government Publication Date: Jan 05, 2016

Humboldt County CUPA Facility List: HUMBOLDT CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Humboldt County. This list is made available by Humboldt County Division of Environmental Health which is approved by the State Secretary for Environmental Protection as CUPA for the County.

Government Publication Date: May 28, 2015

Imperial County CUPA Facility List: IMPERIAL CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Imperial County. This list is made available by the California Department of Toxic Substances Control (DTSC) which is appointed as CUPA for Imperial County.

Government Publication Date: May 19, 2015

Inyo County CUPA Facility List: INYO CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Inyo. This list is made available by the Inyo County Environmental Health Services Department which has been certified by CalEPA to implement the Unified program as a CUPA.

Government Publication Date: Jul 16, 2014

Kern County CUPA List: KERN CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Kern. This list is made available by Kern County Environmental Health Services Department which has been certified by CalEPA to implement the Unified program as a CUPA for Kern County.

Government Publication Date: May 19, 2015

Kern County UST List: KERN UST

A list of all registered and inactive Underground Storage Tanks in the County of Kern. The list is made available by Kern County Environmental Health Division.

Government Publication Date: May 19, 2015

Kings County CUPA Facility List: KINGS CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Kings County. This list is made available by Kings County Department of Public Health which is appointed as CUPA for the county.

Government Publication Date: May 26, 2015

Lake County CUPA Facility List: LAKE CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Lake County. This list is made available by Lake County Division of Environmental Health which is CUPA for the entire county.

Government Publication Date: Jun 9, 2015

Los Angeles County - El Segundo City Underground Storage Tanks List: ELSEGUNDO UST

A list of all registered Underground Storage Tanks (USTs) in the City of El Segundo of Los Angeles County. The list is made available by El Segundo City Fire Department.

Government Publication Date: Jul 24, 2014

Los Angeles County - Torrance City Underground Storage Tanks: TORRANCE UST

A list of registered Underground Storage Tank (UST) sites in Torrance City of Los Angeles County. This list is made available by Torrance City Office of Clerk.

Government Publication Date: May 07, 2015

Los Angeles County HMS List: LA HMS

This list contains sites that have or had permits for Industrial Waste, Underground Storage Tanks, or Storm water in the County of Los Angeles. This list is made available by the County of Los Angeles Department of Public Works.

Government Publication Date: Jun 22, 2015

Los Angeles County Long Beach UST List: LA LONGB UST

A list of all registered active Underground Storage Tanks in the City of Long Beach of Los Angeles County. The list is made available by Long Beach Certified Unified Program Agency.

Government Publication Date: Jun 18, 2015

Los Angeles County Solid Waste Sites: LA SWF

List of permitted solid waste facilities, closed landfills, historical dumpsites and other solid waste sites in Los Angeles County, made available by the Department of Public Works in Los Angeles County.

Government Publication Date: Dec 22, 2015

Madera County CUPA Facility List: MADERA CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Madera County. This list is made available by Madera County Environmental Health Department which is CUPA for the entire county.

Government Publication Date: Sep 16, 2015

Marin County CUPA List: MARIN CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Marin. This list is made available by Marin County which has been certified by CalEPA to implement the Unified program as a CUPA.

Government Publication Date: May 26, 2015

Merced County CUPA Facilities List: MERCED CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Merced. This list is made available by Merced County which has been certified by CalEPA to implement the Unified program as a CUPA for the entire county.

Government Publication Date: Jan 15, 2016

Mono County CUPA Facility List: MONO CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Mono County. This list is made available by Mono County Environmental Health Department which has been certified by CalEPA to implement the Unified program as a CUPA for the entire county.

Government Publication Date: Sep 29, 2015

Monterey County CUPA Facility List: MONTEREY CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Monterey County. This list is made available by Monterey County Hazardous Materials Management Services which is designated as the CUPA in Monterey County.

Government Publication Date: Jun 17, 2015

Napa County UST List: NAPA UST

A list of all registered active Underground Storage Tanks (USTs) in the County of Napa. This list is made available by Napa County Environmental Health Division.

Government Publication Date: Sep 10, 2015

Nevada County CUPA Facility List: NEVADA CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Nevada County. This list is made available by Nevada County Department of Environmental Health which is the CUPA for all cities and unincorporated areas within Nevada County.

Government Publication Date: Oct 8, 2015

Orange County Aboveground Petroleum Storage Tank Listing: ORANGE AST

A list of Aboveground Petroleum Storage Tank (APST) facilities inspected by Orange County Certified Unified Program Agency (CUPA) Under the Aboveground Petroleum Storage Act (APSA). This list is made available by the Environmental Health Division of Orange County Health Care Agency.

Government Publication Date: Dec 1, 2015

Orange County Underground Storage Tanks Listing: ORANGE UST

A list of registered Underground Storage Tank (UST) sites in Orange County. This list is made available by Orange County Health Care Agency (OCHCA), Environmental Health Division which oversees the underground storage tank inspection program in most of the cities of Orange County, with the exception of Anaheim, Fullerton, and Orange.

Government Publication Date: Dec 01, 2015

Placer County CUPA Facilities List: PLACER CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Placer County. This list is made available by Placer County Environmental Health which is designated CUPA for all areas of the county except for the City of Roseville.

Government Publication Date: Aug 13, 2015

Riverside County Local Oversight Program List: RIVERSIDE LOP

A list of Leaking Underground Storage Tank (LUST) facilities in Riverside County. This list is made available by Riverside County Department of Environmental Health. Environmental Cleanup Program provides oversight of assessments and cleanups at properties that have been, or may have been, contaminated with hazardous substances from LUSTs or releases associated with other commercial/industrial use.

Government Publication Date: Jun 10, 2015

Riverside County Underground Storage Tanks List: RIVERSIDE UST
A list of registered Underground Storage Tank (UST) sites in Riverside County. This list is made available by Riverside County Department of Environmental Health. The Hazardous Materials Management Branch (HMMB) regulates and oversees the inspections of constructions, repairs, upgrades, system operation and removal of UST systems.
Government Publication Date: Jun 10, 2015

Sacramento County Master Hazardous Materials Facility List: SACRAMENTO HAZ
A list of Hazardous Materials Facilities in Sacramento County. This list is made available by Sacramento County Environmental Management Department which has been designated as the Certified Unified Program Agency (CUPA) for the County.
Government Publication Date: Nov 2, 2015

Sacramento Toxic Site Cleanup List: SACRAMENTO TOX
Sacramento County Environmental Management Department (EMD)'s Toxic Site Cleanup List includes sites where unauthorized releases of potentially hazardous materials have occurred. The EMD's Site Assessment & Mitigation Program, also referred to as Toxic Site Cleanup Program, provides mandated regulatory oversight of the assessment and remediation of properties on which there has been a release of hazardous materials to soil and/or groundwater.
Government Publication Date: Nov 2, 2015

San Bernardino County CUPA List: SANBERN CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in San Bernardino County. This list is made available by San Bernardino County Fire Department which is the CUPA for all areas of the County except the city of Victorville.
Government Publication Date: Jun 30, 2015

San Diego County Hazardous Materials Management Division Database: SANDIEGO HAZ
A list of facilities with Unified Program Facility Permit in San Diego County. This list has been made available by County of San Diego Environmental Health.
Government Publication Date: Jan 18, 2016

San Diego County Site Assessment and Mitigation Investigation Sites: SANDIEGO SAM
List of sites which have undergone a Site Assessment and Mitigation investigation. This list is made available by the County of San Diego Department of Environmental Health.
Government Publication Date: Jul 25, 2015

San Diego County Solid Waste Facility List: SANDIEGO SWF
A list of open and closed Solid Waste Facilities in the County of San Diego. The list is made available by San Diego County Department of Environmental Health.
Government Publication Date: Oct 15, 2015

San Francisco County Aboveground Storage Tanks List: SANFRAN AST
A list of Aboveground Storage Tanks (ASTs) facilities inspected by San Francisco Department of Public Health's (SFDPH) Hazardous Materials and Waste Program. Aboveground storage containers or tanks include oil-filled equipment (such as hydraulic systems/reservoirs and heat transfer systems) which have a petroleum storage capacity of 55 gallons or greater.
Government Publication Date: Sep 11, 2015

San Francisco County CUPA Facilities List: SANFRAN CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in San Francisco County. This list is made available by San Francisco County Hazardous Materials and Waste Program which is the CUPA for all areas of the County.
Government Publication Date: Sep 11, 2015

San Francisco County LOP Sites: SANFRAN LOP
A list of Underground Storage Tank (UST) release sites in the County of San Francisco. This list is made available by San Francisco County Department of Public Health Environmental Health Protection Branch.

Government Publication Date: Oct 6, 2015

San Francisco County UST List: SANFRAN UST
A list of all registered Underground Storage Tanks (USTs) in the County of San Francisco. This ist is made available by San Francisco County Environmental Health Division. The Hazardous Materials and Waste Program provides regulatory oversight for the construction, operation, repair and removal of USTs in San Francisco.
Government Publication Date: Sep 11, 2015

San Joaquin County Aboveground Tank List: SANJOAQUIN AST
A list of Aboveground Storage Tanks (ASTs) inspected by San Joaquin County Environmental Health Department (SJCEHD) under Aboveground Petroleum Storage Act (APSA).
Government Publication Date: Jun 5, 2015

San Joaquin County UST List: SANJOAQUIN UST
A list of all registered Underground Storage Tanks in the County of San Joaquin. The list is made available by San Joaquin County Environmental Health Division.
Government Publication Date: Jun 05, 2015

San Joaquin Hazardous Waste Facilities: SANJOAQUIN HW
A list of Hazardous Waste Facilities in San Joaquin County. This list is made available by San Joaquin County Environmental Health Department which has been designated as the CUPA for the County.
Government Publication Date: Jun 5, 2015

San Mateo County CUPA Facilities List: SANMATEO CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in San Mateo County. This list is made available by San Mateo County Environmental Health Department which has been designated as the CUPA for the County.
Government Publication Date: May 28, 2015

San Mateo County LOP List: SANMATEO LOP
A list of Leaking Underground Storage Tank (LUST) facilities in San Mateo County. This list is made available by San Mateo County Environmental Health Services Division.
Government Publication Date: May 27, 2015

Santa Clara County CUPA Facilities List: SANTACLARA CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Santa Clara County. This list is made available by Santa Clara County Department of Environmental health (DEH). DEH's Hazardous Materials Compliance Division (HMCD) is CUPA for the county with jurisdiction within the Cities of Los Altos Hills, Monte Sereno, and Saratoga; and in all unincorporated areas of Santa Clara County, including Moffett Field, San Martin, and Stanford.
Government Publication Date: May 26, 2015

Santa Clara Local Oversight Program Listing: SANTACLARA LO
A list of Leaking Underground Storage Tanks (LUST) facilities in Santa Clara County Provided by Santa Clara Department of Environmental Health (DEH). Since July 1, 2004 the DEH has served as the oversight agency for investigations and clean-up of petroleum releases from underground storage tanks through implementation of the Local Oversight Program (LOP) contract with the State Water Resources Control Board.
Government Publication Date: Nov 13, 2015

Santa Cruz County CUPA Facility List: SANTACRUZ CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Santa Cruz County. This list is made available by Santa Cruz County Environmental Health Services (EHS) Division which has been designated as the CUPA for the County.
Government Publication Date: Jan 19, 2016

San Luis Obispo County CUPA Facilities List: SANLUISOB CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in San Luis Obispo County. This list is made available by County of San Luis Obispo Environmental Health Services Division which has been designated as the CUPA for the County.
Government Publication Date: May 27, 2015

Shasta County CUPA Facility List: SHASTA CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Shasta County. This list is made available by Shasta County Environmental Health Division which has been designated as the CUPA for Shasta County by CalEPA.
Government Publication Date: Jun 12, 2015

Solano County CUPA List: SOLANO CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Solano. This list is made available by Solano County Environmental Health Division which has been certified by CalEPA to implement the Unified program as a CUPA.
Government Publication Date: Oct 22, 2015

Solano County Local Oversight Program List: SOLANO LOP
A list of Leaking Underground Storage Tank (LUST) facilities in the Solano County. This list is made available by the Solano County Environmental Health Services. Since April 1993, the State Water Resources Control Board has contracted with the County of Solano to provide regulatory oversight for the cleanup of LUSTs under Local Oversight Program (LOP) contract.
Government Publication Date: Oct 22, 2015

Solano County Underground Storage Tanks List: SOLANO UST
A list of all registered Underground Storage Tanks (USTs) in the County of Solano. The list is made available by Solano County Environmental Health Services Division. There are an estimated 190 facilities throughout the county that are subject to the regulatory requirements of the UST program.
Government Publication Date: Oct 22, 2015

Sonoma County CUPA Facilities List: SONOMA CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Sonoma County. This list is made available by Sonoma County Hazardous Materials (HazMat) Division which has been designated as the CUPA for the County.
Government Publication Date: May 28, 2015

Sonoma County LOP Site List: SONOMA LOP
A list of Leaking Underground Storage Tank (LUST) facilities in Sonoma County. This list is made available by Sonoma County Department of Health Services. Sonoma County Local Oversight Program (LOP) oversees the investigation and cleanup of fuel releases from underground storage tanks in all areas of the County with the exception of the Cities of Santa Rosa and Healdsburg.
Government Publication Date: Jan 5, 2016

Sonoma County Petaluma City CUPA Facilities: SONOMA PETAL
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Petaluma City. This list is made available by Petaluma Fire Prevention Bureau which is the CUPA for Petaluma City in Sonoma County.
Government Publication Date: May 21, 2015

Sutter County CUPA List: SUTTER CUPA
A list of facilities associated with Aboveground Petroleum Storage Tank (APSA) regulation, Hazardous Materials Business Plan (HMBP) Program and Underground Storage Tank (UST) regulation of Certified Unified Program Agency (CUPA) programs in Sutter County. This list is made available by Sutter County Enviornmental Health Division which has been designated as the CUPA for the County.

Government Publication Date: May 06, 2015

Tuolumne County CUPA Facility List: TUOLUMNE CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Tuolumne County. This list is made available by Tuolumne County Environmental Health which is the CUPA for all areas of the County.
Government Publication Date: June 3, 2015

Ventura County CUPA Facilities List: VENTURA CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Ventura County. This list is made available by Ventura County Environmental health Division.
Government Publication Date: Dec 28, 2015

Ventura County City of Oxnard CUPA Facility List: OXNARD CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Oxnard City. This list is made available by Oxnard City Fire Department which is the CUPA for Oxnard City in Ventura County.
Government Publication Date: Dec 11, 2015

Ventura County Inactive Underground Storage Tanks Sites: VENTURA INUST
A list of inactive Underground Storage Tank (UST) sites in Ventura County. This list is made available by Ventura County Environmental Health Division.
Government Publication Date: Nov 30, 2015

Ventura County Leaking Underground Fuel Tanks - Historic: VENTURA HLUFT
A historical list of cleanup oversight of the Leaking Underground Fuel Tank (LUFT) program provided by Ventura County Environmental Health Division. All new and existing underground fuel storage tank releases are now referred to the Los Angeles Regional Water Quality Control Board.
Government Publication Date: May 31, 2008

Yolo County UST List: YOLO UST
A list of registered Underground Storage Tank (UST) sites in Yolo County. This list is made available by Yolo County Environmental Health Department which regulates the construction, operation, repair and removal of USTs throughout Yolo County.
Government Publication Date: Jan 18, 2016

Yuba County CUPA Facilities List: YUBA CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Yuba County. This list is made available by Yuba County Environmental Health Division which is the CUPA for all areas of the County.
Government Publication Date: May 27, 2015

City of Bakersfield CUPA List: BKRSFIELD CUPA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the City of Bakersfield. This list is made available by the City of Bakersfield Fire Department.
Government Publication Date: Jun 19, 2015

Gilroy City CUPA Facilities List: SANTACLARA GIL
The Gilroy City Fire Marshal's office maintains a list of CUPA Facilities located in Gilroy City.
Government Publication Date: Jan 19, 2016

Glenn County CUPA List: GLENN CUPA
The Glenn County Air Pollution Control District is the Administering Agency and the Certified Unified Program Agency (CUPA) for Glenn County with responsibility for regulating hazardous materials handlers, hazardous waste generators, underground storage tank facilities, above ground storage tanks, and stationary sources handling regulated substances.
Government Publication Date: Sep 21,2015

Lassen County CUPA List: LASSEN CUPA
The Environmental Health Program of Lassen County tracks Certified Unified Program Agencies (CUPA) facilities.

Government Publication Date: Jan 25, 2016

Mariposa County CUPA List: MARIPOSA CUPA

Mariposa County Health Department, Environmental Health Services, is certified by Cal-EPA as the Certified Unified Program Agency (CUPA) that administers specific hazardous materials/hazardous waste programs.

Government Publication Date: Oct 19,2015

Siskiyou County CUPA List: SISKIYOU CUPA

The Hazardous Materials Management Group of Siskiyou County's Environmental Health Division Certified Unified Program Agency (CUPA) regulates underground tanks, hazardous materials (including but not limited to: hazardous substances, hazardous waste, and any material which a handler or the CUPA has reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment.

Government Publication Date: Oct 14,2015

Stanislaus County CUPA List: STANISLAUS CUPA

The Environmental Resources Department of Stanislaus County maintains a list of Certified Unified Program Agency (CUPA) facilities.

Government Publication Date: Sep 21,2015

Trinity County CUPA List: TRINITY CUPA

On January 1, 2005, the Department of Toxic Substances Control (DTSC) was authorized by the California Environmental Protection Agency (Cal/EPA) as the Trinity County Certified Unified Program Agency (CUPA). This CUPA list was made available by the DTSC.

Government Publication Date: Sep 22,2015

Tulare County CUPA List: TULARE CUPA

The Certified Unified Program Agency (CUPA) unifies and consolidates under one roof the various requirements for businesses handling hazardous materials, generating or treating hazardous wastes, or operating aboveground or underground storage tanks. CUPA thereby enhances consistency, reduces duplication, and simplifies compliance for the regulated public. The Tulare County Environmental Health Division was certified as a CUPA in December, 1996.

Government Publication Date: Dec 3, 2015

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Sep 24, 2015

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: 1987-2013

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Dec 8, 2015

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department") provides this data 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.

Government Publication Date: Sep 5, 2015

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA of the Act) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified ongressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Jun 30, 2014

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the cleanup process, the Enviromental Protection Agency (EPA) conducts a search to find all of the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Nov 12, 2013

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. It is comprised of states with established drycleaner remediation programs. Coalition members are states with mandated programs and funding for drycleaner site remediation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Jan 1, 2016

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Dec 17, 2015

State

EnviroStor Inspection, Compliance, and Enforcement: INSP COMP ENF

A list of permitted facilities with inspections and enforcements tracked in the Department of Toxic Substance Control (DTSC) EnviroStor.

Government Publication Date: Aug 24, 2015

Clandestine Drug Lab Sites: CDL

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/clandestine drug laboratories.

Government Publication Date: Feb 27, 2015

School Property Evaluation Program Sites: SCH

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

Government Publication Date: Dec 7, 2015

California Hazardous Material Incident Report System (CHMIRS): CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Sept 18, 2015

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report: SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Hazardous Waste Manifest Data: HAZNET

A list of hazardous waste manifests received each year by Department of Toxic Substances Control (DTSC). The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Oct 2,2015

Historical California Hazardous Material Incident Report System (CHMIRS): HIST CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Jan 1, 1993

Historical Hazardous Waste Manifest Data: HIST MANIFEST

A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Dec 31, 1992

Tribal

No Tribal additional environmental record sources available for this State.

County

Los Angeles County Site Mitigation List: LA SML

A Site Mitigation List in the County of Los Angeles. The list is made available by Los Angeles County Fire Department. Site mitigation is handled by the Site Mitigation Unit (SMU) which facilitates completion of site clean-up projects of contaminated sites in an expeditious manner in all cities of the Los Angeles County except El Segundo, Glendale, Long Beach, Santa Fe Springs, and Vernon.

Government Publication Date: Jun 23, 2015

Riverside County Disclosure Facility List: RIVERSIDE HZH

A list of facilities disclosed to Riverside County Department of Environmental Health (DEH). This list is made available by Riverside County DEH which has been designated as the CUPA for the County. A business is required to establish and submit a Business Plan if the facility handles hazardous material equal to or greater than 55 gallons, 500 pounds or 200 cubic feet at any time during the year.

Government Publication Date: Jun 10, 2015

Riverside County Hazardous Waste Generator Sites List: RIVERSIDE HWG

A list of Hazardous Waste Generator Sites in the County of Riverside. This list is made available by Riverside County Department of Environmental Health which has been designated as the CUPA for the County.

Government Publication Date: Jun 10, 2015

San Joaquin County Hazardous Materials Facilities List: SANJOAQUIN HM

A list of Hazardous Materials Facilities in San Joaquin County. This list is made available by San Joaquin County Environmental Health Department which has been designated as the CUPA for the County.

Government Publication Date: Jun 05, 2015

Ventura County Hazardous Material Release (Prop 65) Sites: VENTURA HAZR

A historic list of hazardous material releases from the Hazardous Material Release Report collected by the Environmental Health Division of Ventura County. As per the department this report contains records from 1987 to 2014.

Government Publication Date: 1987 - 2014

Ventura County Inactive Hazardous Waste Sites: HW INACTIVE

A list of Inactive Hazardous Waste Sites in Ventura County collected by Ventura County's Environmental Health Division.

Government Publication Date: Jun 26, 2015

Delisted County Records: DELISTED COUNTY

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

Government Publication Date: Dec 1, 2015

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries". All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and were included as reference.

APPENDIX I:
RESUMES

Brian "Jake" Jakubiak

SENIOR ENVIRONMENTAL CONSULTANT

Education

-Bachelor Degree, Geography and Environmental Science, Towson University, 1997
-Graduate course work in Environmental Science, Johns Hopkins University 2000-2002

Project Experience

Retail Shopping Center; **Baltimore**, **MD** – Mr. Jakubiak performed a Phase I ESA of an approximate 20-acre retail center, which historic occupants included a dry cleaner and two gasoline service stations. A Phase II ESA was subsequently performed, which included the collection and analysis of soil, sub-slab soil-gas, and groundwater from the site. The results of the laboratory analysis did not identify contaminants at concentrations requiring further action. Based on the results of the Phase II ESA, the Client was able to obtain financing and move forward with the redevelopment of the site.

Former Landfill; **North Miami**, **FL** – Mr. Jakubiak performed a Phase I ESA of an approximate 140-acre former landfill property currently undergoing redevelopment with residential and commercial land uses. The Phase I ESA included reviewing prior environmental reports that had been performed over the past 25 years; recent remediation activities; and regulatory correspondence detailing the current regulatory status and remaining remedial activities required to obtain closure of the landfill. Based on the review of these documents and interviews with local and state regulatory representative, no further evaluation was recommended.

Assisted Living Facility (ALF); **Warminister**, **PA** – Mr. Jakubiak performed a Phase I ESA of an approximate 100-acre ASF constructed on a former military base. Based on the review of prior reports, no further action was recommended.

INDUSTRY TENURE

Environmental: 1998
EMG: 2011

RELATED EXPERIENCE

- UST Removal Oversight
- Phase II ESA sampling & reporting
- Radon Sampling
- Asbestos Sampling
- Stormwater Pollution Prevention Plans (SWP3)
- National Environmental Protection Act (NEPA) compliance

INDUSTRY EXPERIENCE

- Gas Station Portfolios
- Industrial Park Portfolios
- Retirement Community Portfolios
- Retail Center Portfolios
- Self Storage Portfolios
- Telecommunication Portfolios
- Residential development

ACTIVE LICENSES/REGISTRATIONS

- OSHA 40-Hour HAZWOPER
- EPA AHERA Asbestos Inspector

SPECIAL SKILLS & TRAINING

- AAI/ASTM E1527-13 Environmental Professional

REGIONAL LOCATION

Des Moines, IA

Project Experience Cont.

Industrial Facility; **Owings Mills**, **MD** – Mr. Jakubiak performed a Phase I ESA of an approximate 50-acre industrial facility that had operated at the site since the 1960s. RECs identified included the use of solvents in a large-scale printing operation; USTs that had been abandoned in-place; the presence of oil-water separators; and documented on-site petroleum releases. A Phase II ESA was performed to further evaluate the areas of concern (AOCs). Based on the results of the Phase II ESA, the Seller was required to remediate several areas of impacted soil and remove the abandoned USTs prior to the Buyer acquiring the site.

Manufacturing Facility; **Ellicott City**, **MD** – Following the identification of suspect piping to the boiler room, Mr. Jakubiak provided oversight of a Phase II ESA, which initially included a geophysical survey in the area of the suspect piping. Two significant anomalies were identified and were subsequently verified to be 10,000-gallon fuel oil USTs. Mr. Jakubiak provided removal oversight of the USTs and confirmatory sampling activities. A significant release was identified and was reported to the State. Mr. Jakubiak managed the soil excavation and groundwater monitoring well installation. Mr. Jakubiak performed groundwater remediation, monitoring, and reporting activities and assisted in obtaining case closure of this leaking underground storage tank site.

Residential Subdivision; **Perry Hall**, **MD** – Following the identification of former waste collection and greenhouse facilities on the site, Mr. Jakubiak provided oversight of a Phase II ESA in areas formerly containing USTs, disturbed surface areas suspected of containing fill material, truck maintenance areas, and greenhouses. Based on the findings of the Phase II ESA, the site was entered into the State Voluntary Cleanup Program and Mr. Jakubiak delineated petroleum impacted soils and areas containing buried refuse and oversaw the excavation of these materials. Following removal activities, confirmatory sampling was performed and the site was granted case closure and allowed to be redeveloped for residential use.

Malinda S. Ross

TECHNICAL REPORT REVIEWER

Education

Bachelor of Science, Environmental Science and Studies – Concentration in Biology, Towson University, 2010

Project Experience

Former Automotive Repair Facility at K-Mart; **Lodi**, **NJ** – Ms. Ross reviewed a Phase I ESA for the subject property with documented evidence of tetrachloroethylene (PCE) and trichloroethylene (TCE) contamination associated with the historic use of chlorinated solvents. Groundwater and soil contamination at the subject property had been identified by previous subsurface investigations. At the time of EMG's assessment, Ms. Ross identified anomalies regarding the proper abandonment and closure of in-ground hydraulic lifts and the oil-water separator system associated with the former automotive garage. Based on Ms. Ross' review, EMG was able to provide the client definitive recommendations to address the identified recognized environmental conditions and data gaps associated with the Project.

Forsgate Country Club; **Monroe**, **NJ** – Ms. Ross performed a Phase I ESA of this 313.65 acres golf course and country club facility. Historical review of this 50+ year facility identified historical underground storage tanks and NJ Spills Cases related to the historical dairy farm formerly located at the Project and adjoining property use, and owned by a former owner associated with the Project. In addition, regional contamination in the area of the golf course and observations from the site reconnaissance identified several monitoring wells installed at the Project and along Project boundaries related to a historical off-site landfill facility. Ms. Ross' extensive research and comprehensive site reconnaissance provided the client with full detail of the Project's associated recognized environmental conditions in order tomake a well-informed transaction decision.

INDUSTRY TENURE

Environmental: 2010
EMG: 2010

RELATED EXPERIENCE

- Phase I Environmental Site Assessments
- Operations and Maintenance Programs – Asbestos, Lead-Based Paint, Mold
- Asbestos Sampling
- Lead-Based Paint Sampling
- Mold Spore Sampling
- Mold and Moisture Surveys

INDUSTRY EXPERIENCE

- Hospitality
- Multi-family
- Gas Stations
- Automotive Repair
- Industrial Warehouses
- Office
- Retail
- Assisted Living
- Healthcare
- Storage Centers
- Golf Courses
- Dry Cleaners
- K-12

ACTIVE LICENSES/REGISTRATIONS

- MD AHERA Asbestos License - Inspector

SPECIAL SKILLS & TRAINING

- ASTM Phase I Environmental Site Assessment Practices for Commercial Real Estate: Transaction Screen & Phase I Site Assessment (October 2014)

REGIONAL LOCATION

Baltimore, MD

Project Experience Cont.

2800 28th Street; **Santa Monica**, **CA** – Ms. Ross performed a historical review and ghostwrote the Phase I ESA report for the 40-unit office building situated on 4.48 acres. Ms. Ross determined the Project and surrounding areas were historically utilized as the previous manufacturing facility, McDonnell Douglas Aircraft Company, which operated during the late 1930's to early 1970's. Historical operations performed by the aircraft company included the manufacturing, testing, and research of aircraft missiles and miscellaneous military materials. Review of previous subsurface investigations documented the presence of groundwater and soil contamination at the Project, and the Project was undergoing soil vapor extraction (SVE) remedial action at the time of EMG's assessment. EMG was able to provide the client evidence that contamination from the historical use and surrounding areas was present, and the affected areas were actively being remediated by a separate responsible party.

Home Depot Shopping Center; **Nanuet**, **NY** – As a Project Manager, Ms. Ross performed a file review and updated Phase I Environmental Site assessment report for the retail shopping center situated on 3.57 acres. Research of the records obtained from state and local environmental agencies, as well as client-supplied previous Phase I reports, indicated case closure was granted to the Project for the historical USTs and soil contamination associated with a gasoline station that formerly operated at the Project. However, none of the closure letters obtained specifically addressed groundwater contamination that was reported at the Project in 1995. Based on her research, EMG was able to address the data gap to the client, and conclude no further action would be required based on the remedial measures performed since the 1995 discovery and case-closures granted by the regulating agencies.

Riverside Apartments; **Alexandria**, **VA** – Ms. Ross performed a Limited Visual Mold Inspection of a high-rise multi-family residential complex. The Project was inspected for areas with visible water damage and visible mold growth, and random moisture meter readings were collected from various surfaces. EMG was informed of a leak occurring from the roof drain above Stack 03 identified by a previous inspection and needed to be repaired. EMG found the internal drainage system associated with the impaired roof drain that caused significant degradation to the adjoining building materials from floor 16 down to floor 9. Ms. Ross provided the client a unit-by-unit remedial action plan for moisture- and mold-impacted building materials, with consideration to minimize asbestos-related exposure.

Latham Hotel; **Washington**, **D.C.** – Ms. Ross performed a Mold Survey at the shut-down hotel to inspect 30 hotel rooms and all common areas, former retail spaces, and the exteriors. The hotel ceased operations and was evacuated in 2012 for structural and waterproofing repairs. Ms. Ross surveyed the property and identified a variety of mold and moistures issues, including saturated building materials and significant mold growth in excess of 1,000-square feet, indicative of ongoing and active moisture intrusion at the Project. From her findings and observations, EMG was able to provide the client definitive recommendations to address mold growth and moisture intrusion issues.

Talmage Maxwell Jordan

TITLE

Education

Bachelor of Science, Environmental Science, University of California, Los Angeles, 2010

Project Experience

Car Wash and Auto Repair; **Encino**, **CA** – Mr. Jordan performed a Phase I Environmental Site Assessment for an existing car wash and auto repair. The car wash had previously had a gasoline service station located on the premises with documented releases to the groundwater. Ground water monitoring data and regulatory agency files from the California Regional Water Quality Control Board were reviewed in the scope of the assessment to determine the extent and location of the petroleum release. A Phase II Subsurface Investigation was not necessary to address the former release; however a review of plans and closure permits revealed evidence of abandoned in-ground hydraulic lifts. A Phase II subsurface investigation was recommended to address these abandoned site features.

Industrial Plating Facility; **Ontario**, **CA** – Mr. Jordan performed a Phase I Environmental Site Assessment for an existing heavy metal plating facility. The facility had occupied its current location for over 30 years and signs of stressed vegetation because of the adequate groundwater monitoring on the site and staining led to a recommendation for a Phase II Subsurface investigation.

Gasoline Station; **San Diego**, **CA** – Mr. Jordan performed a Phase I Environmental Site Assessment for an existing Gasoline Service Station. The facility had occupied its current location for over 30 years. Ground water monitoring data and regulatory agency files from the California Regional Water Quality Control Board and San Diego Department of Environmental Health were reviewed in the scope of the assessment to determine the extent and location of the petroleum release. This review revealed that petroleum and solvent releases from adjacent sites had comingled with a petroleum release from the gasoline service station. A Phase

INDUSTRY TENURE

Environmental: 2012
EMG: 2014

RELATED EXPERIENCE

- HUD multi-family housing portfolios
- FDIC portfolios
- Industrial portfolios
- Warehouse portfolios
- Restaurant portfolios
- Voluntary Remediation Program

INDUSTRY EXPERIENCE

- Retail
- Residential Housing
- Gasoline Service Stations
- Industrial Properties
- Plating Facilities
- Dry Cleaners
- Car Washes
- Automobile Repairs
- Farms and Dairies
- Assisted Living/ Skilled Nursing Facilities
- Hotels and Hospitality

ACTIVE LICENSES/REGISTRATIONS

- AHERA Asbestos

SPECIAL SKILLS & TRAINING

- California Environmental Professionals CEQA Essentials Seminar

REGIONAL LOCATION

Los Angeles, California

II subsurface investigation was recommended to assess the extent of contamination at this site.

FDIC Portfolio; Doral Bank; **Puerto Rico** – Mr. Jordan performed over thirty Phase I Environmental Assessments in the Commonwealth of Puerto Rico on various types of properties including, residential, retail, virgin rainforest, and dry cleaners. Ground water monitoring data and regulatory agency files from the Puerto Rico Environmental Quality Board (JCA) were reviewed in the scope of the assessments to determine the extent and location (if any) of any environmental impacts. Phase II subsurface investigations were recommended as needed.

ALTA/NSPS LAND TITLE SURVEY

15 ARGONAUT,
ALISO VIEJO, CA

LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF ALISO VIEJO, IN THE COUNTY OF ORANGE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL 12 AS PER MAP FILED IN BOOK 218, PAGES 27 TO 30 INCLUSIVE OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT THEREFROM THAT PORTION OF SAID PARCEL 12 DESCRIBED AS FOLLOWS:
BEGINNING AT THE SOUTHERLY TERMINUS OF THE WEST LINE OF SAID PARCEL 2, SHOWN AS NORTH 20 DEG. 00' 00" WEST 297 FEET; THENCE ON THE PROLONGATION OF SAID LAND SOUTH 20 DEG. 00' 00" EAST 75.57 TO A POINT ON THE SOUTHEASTERLY LINE OF SAID PARCEL 12, SAID POINT BEING ON A CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 70.00 FEET, A RADIAL LINE THROUGH SAID POINT BEARS NORTH 43 DEG. 16' 57" WEST; THENCE ALONG SAID PARCEL LINE AND CURVE EASTERLY 34.81 FEET THROUGH A CENTRAL ANGLE OF 28 DEG. 29' 39" TO THE EAST CORNER OF SAID PARCEL 12; THENCE NORTH 45 DEG. 51' 29" FEET TO THE POINT OF BEGINNING.

SAID LAND IS SHOWN AS PARCEL 1 OF LOT LINE ADJUSTMENT NO. LL87-116 RECORDED MARCH 9, 1988 INSTRUMENT/FILE NO. 88-107296 OF OFFICIAL RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

ALSO EXCEPTING THEREFROM ONE HUNDRED PERCENT (100%) OF ALL RIGHTS TO OIL, GAS AND OTHER HYDROCARBON AND MINERAL SUBSTANCES LYING UNDER OR THAT MAY BE PRODUCED FROM THE ABOVE DESCRIBED LAND, TOGETHER WITH ONE HUNDRED PERCENT (100%) OF ALL RIGHTS TO THE PROCEEDS THEREFROM AND ONE HUNDRED PERCENT (100%) OF ALL RENTS, BONUSES AND PROFITS ACCRUING THEREFROM; WITHOUT, HOWEVER, ANY RIGHTS INCLUDING RIGHTS OF ENTRY IN OR WITH RESPECT TO ANY PORTION OF THE SURFACE OR SUBSURFACE TO A VERTICAL DEPTH OF 500 FEET FROM THE SURFACE AS THE SAME MAY FROM TIME TO TIME EXISTS, AS RESERVED BY DEEDS FROM LLYODS BANK OF CALIFORNIA, FORMERLY FIRST WESTERN BANK AND TRUST COMPANY, A CORPORATION, SUCCESSOR TO FIRST NATIONAL BANK IN SANTA ANA, A CORPORATION, RECORDED SEPTEMBER 30, 1976 IN BOOK 11908, PAGE 573, AND IN BOOK 11908, PAGE 582, BOTH CF OFFICIAL RECORDS.

ASSESSOR' S PARCEL NO: 623-093-10 AND 623-093-11

LAND AREA:

191,885 SQUARE FEET
4.41 ACRES

SITE RESTRICTIONS:

SETBACKS:

FRONT – 30 FEET
STREET SIDE – 30 FEET
SIDE – 10 FEET
REAR – 10 FEET
HEIGHT – 45 FEET PLUS 1 FOOT FOR EACH 1 FOOT ABOVE 35 FEET UP TO A REQUIRED MINIMUM SETBACK OF 50 FEET

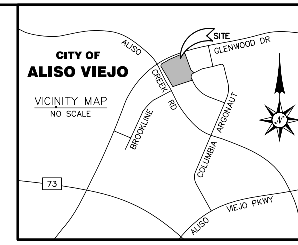
ZONE – (BP-2) BUSINESS PARK 2 DISTRICT

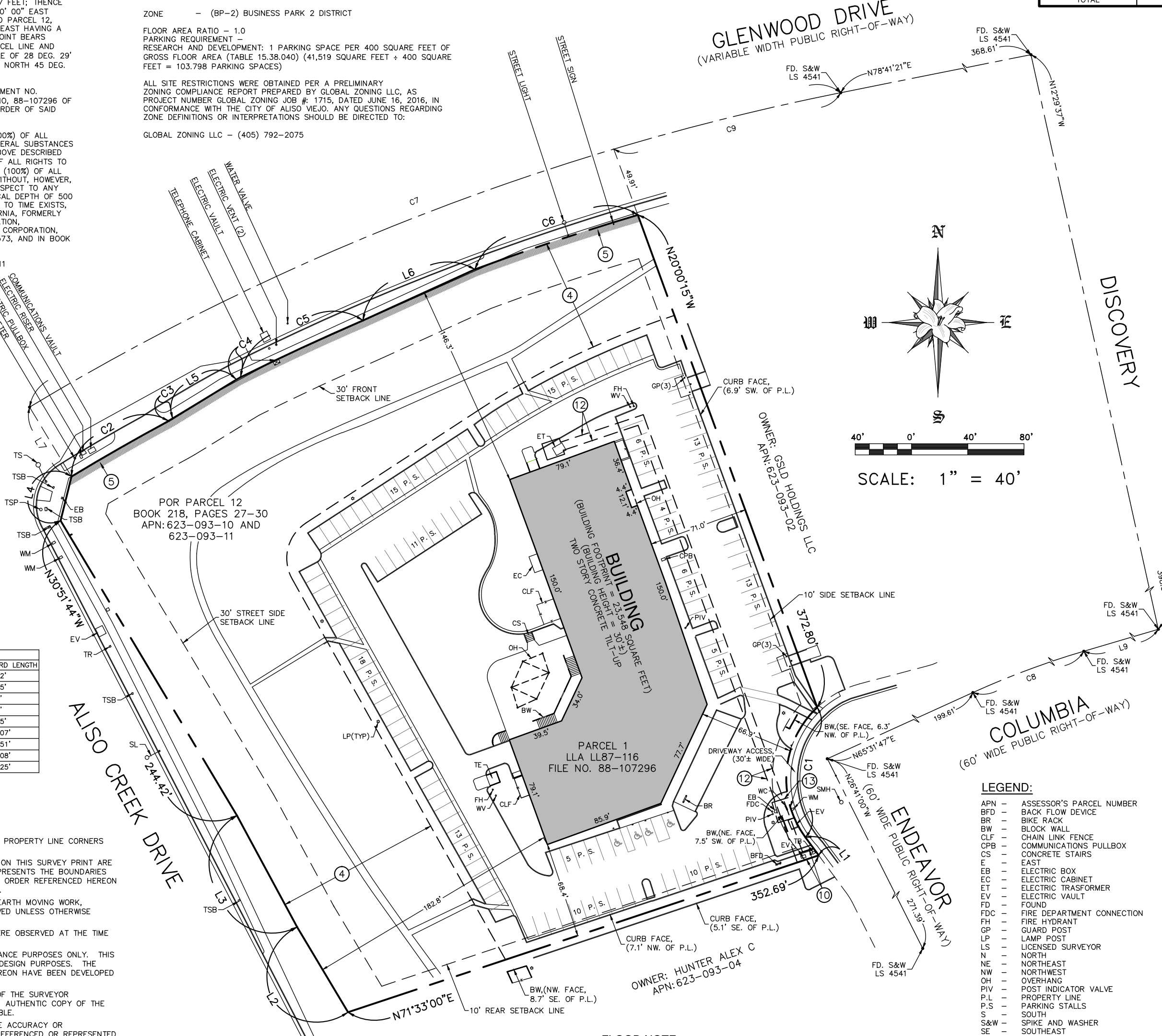
FLOOR AREA RATIO – 1.0
PARKING REQUIREMENT –
RESEARCH AND DEVELOPMENT: 1 PARKING SPACE PER 400 SQUARE FEET OF GROSS FLOOR AREA (TABLE 15.38.040) (41,519 SQUARE FEET ÷ 400 SQUARE FEET = 103.798 PARKING SPACES)

ALL SITE RESTRICTIONS WERE OBTAINED PER A PRELIMINARY ZONING COMPLIANCE REPORT PREPARED BY GLOBAL ZONING LLC, AS PROJECT NUMBER GLOBAL ZONING JOB #: 1715, DATED JUNE 16, 2016, IN CONFORMANCE WITH THE CITY OF ALISO VIEJO. ANY QUESTIONS REGARDING ZONE DEFINITIONS OR INTERPRETATIONS SHOULD BE DIRECTED TO:

GLOBAL ZONING LLC – (405) 792-2075

PARKING SPACE TABLE	
TYPE OF SPACE	TOTAL EXISTING
STANDARD	144
HANDICAP	4
TOTAL	148





LINE TABLE		
LINE	BEARING	DISTANCE
L1	N36°21'42"W	15.93'
L2	N30°51'44"W	70.60'
L3	N28°19'03"W	90.09'
L4	N13°45'43"E	32.33'
L5	N58°27'42"E	53.11'
L6	N65°27'56"E	87.48'
L7	N31°05'48"W	57.65'
L8	N77°28'36"E	160.68'

CURVE TABLE					
CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	101.48'	70.00'	83°03'47"	N05°10'12"E	92.82'
C2	79.66'	1742.00'	2°37'12"	N60°14'27"E	79.65'
C3	3.34'	62.00'	3°05'21"	N60°00'21"E	3.34'
C4	3.34'	38.00'	5°02'33"	N60°58'58"E	3.34'
C5	95.96'	1746.00'	3°08'56"	N65°04'43"E	95.95'
C6	122.10'	1750.00'	3°59'51"	N71°30'44"E	122.07'
C7	621.59'	1800.00'	19°47'09"	N68°47'46"E	618.51'
C8	125.31'	600.00'	11°57'58"	N71°30'46"E	125.08'
C9	166.31'	1800.00'	5°17'37"	N76°02'32"E	166.25'

NOTE:

- THERE WERE NO MONUMENTS FOUND OR SET AT THE PROPERTY LINE CORNERS UNLESS OTHERWISE NOTED.
- THE INFORMATION, COURSES AND DISTANCES SHOWN ON THIS SURVEY PRINT ARE TRUE AND CORRECT. THIS SURVEY ACCURATELY REPRESENTS THE BOUNDARIES AND AREA OF THE PREMISES DENOTED ON THE TITLE ORDER REFERENCED HEREON AND IS THE SAME PROPERTY AS DESCRIBED THEREIN.
- AT THE TIME OF SURVEY, NO EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR ADDITIONS WERE OBSERVED UNLESS OTHERWISE NOTED HEREON.
- NO RECENT CHANGES IN STREET RIGHTS-OF-WAY WERE OBSERVED AT THE TIME OF THE SURVEY UNLESS OTHERWISE NOTED HEREON.
- THIS SURVEY HAS BEEN PREPARED FOR TITLE INSURANCE PURPOSES ONLY. THIS SURVEY DOES NOT CONTAIN SUFFICIENT DETAIL FOR DESIGN PURPOSES. THE BOUNDARY DATA AND TITLE MATTERS AS SHOWN HEREON HAVE BEEN DEVELOPED FROM THE REFERENCED TITLE REPORT ONLY.
- UNLESS THIS PLAN HAS THE SEAL AND SIGNATURE OF THE SURVEYOR RESPONSIBLE FOR ITS PREPARATION, THIS IN NOT AN AUTHENTIC COPY OF THE ORIGINAL SURVEY AND SHALL NOT BE DEEMED RELIABLE.
- JRN CIVIL ENGINEERS ASSUMES NO LIABILITY FOR THE ACCURACY OR COMPLETENESS OF ANY THIRD PARTY INFORMATION REFERENCED OR REPRESENTED HEREON. ANY OF SAID INFORMATION SHOWN HEREON HAS BEEN PROVIDED FOR INFORMATIONAL PURPOSES ONLY.
- AS OUTLINED IN SECTION 8770.6 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA "THE USE OF THE WORD "CERTIFY" OR "CERTIFICATION" BY A LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER IN THE PRACTICE OF PROFESSIONAL ENGINEERING OR LAND SURVEYING OR THE PREPARATION OF MAPS, PLATS, REPORTS, DESCRIPTIONS OR OTHER SURVEYING DOCUMENTS ONLY CONSTITUTES AN EXPRESSION OF PROFESSIONAL OPINION REGARDING THOSE FACTS OR FINDINGS WHICH ARE THE SUBJECT OF THE CERTIFICATION, AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE, EITHER EXPRESSED OR IMPLIED."

BASIS OF BEARINGS:

THE BEARING OF N26°41'00"W ALONG THE CENTERLINE OF ENDEAVOR PER PARCEL MAP 85-158 IN THE COUNTY OF ORANGE, STATE OF CALIFORNIA, WAS USED AS THE BASIS OF BEARINGS FOR THIS SURVEY.

FLOOD NOTE:

ZONE – "X" PER FEDERAL EMERGENCY MANAGEMENT AGENCY MAP NO. 06059C0426J AND 06059C0428J EFFECTIVE 12/3/2009.

ZONE "X" DENOTES AREAS SUBJECT TO MINIMAL FLOODING

THE ABOVE STATEMENT IS FOR INFORMATION ONLY AND THIS SURVEYOR ASSUMES NO LIABILITY FOR THE CORRECTNESS OF THE CITED MAP(S). IN ADDITION, THE ABOVE STATEMENT DOES NOT REPRESENT THIS SURVEYOR'S OPINION OF THE PROBABILITY OF FLOODING.

LEGEND:

APN – ASSESSOR'S PARCEL NUMBER
BFD – BACK FLOW DEVICE
BR – BIKE RACK
BW – BLOCK WALL
CLF – CHAIN LINK FENCE
CPB – COMMUNICATIONS PULLBOX
CS – CONCRETE STAIRS
E – EAST
EB – ELECTRIC BOX
EC – ELECTRIC CABINET
ET – ELECTRIC TRASFORMER
EV – ELECTRIC VAULT
FD – FOUND
FDC – FIRE DEPARTMENT CONNECTION
FH – FIRE HYDRANT
GP – GUARD POST
LP – LAMP POST
LS – LICENSED SURVEYOR
N – NORTH
NE – NORTHEAST
NW – NORTHWEST
OH – OVERHANG
PIV – POST INDICATOR VALVE
P.L – PROPERTY LINE
P.S – PARKING STALLS
S – SOUTH
S&W – SPIKE AND WASHER
SE – SOUTHEAST
SL – STREET LIGHT
SMH – SEWER MANHOLE
SW – SOUTHWEST
TB – TELEPHONE BOX
TE – TRASH ENCLOSURE
TR – TELEPHONE RISER
TS – TRAFFIC SIGNAL
TSB – TRAFFIC SIGNAL BOX
W – WEST
WC – WATER CONNECTION
WM – WATER METER
WV – WATER VALVE

ITEMS CORRESPONDING TO SCHEDULE "B":

BY: FIDELITY NATIONAL TITLE COMPANY
1300 DOVE STREET, SUITE 310, NEWPORT BEACH, CA 92660
(949) 622-5000

COMMITMENT NO.: 997-23075991-JV1
TITLE OFFICER: JUSTIN VANDERVEEN
DATED: JANUARY 22, 2016

THE FOLLOWING ITEMS WERE FOUND IN SAID COMMITMENT AND ARE REFERENCED ON THIS MAP. COVENANTS AND AGREEMENTS LISTED HEREON CONTAIN NUMEROUS ITEMS THAT AFFECT THE SUBJECT PROPERTY, CONTENTS SHOULD BE REVIEWED TO DISCERN SPECIFICS

(1) WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT DISCLOSED BY THE PUBLIC RECORDS. **THE EXTENT TO WHICH THIS ITEM AFFECTS THE SUBJECT PROPERTY CAN NOT BE DETERMINED FROM THE TITLE REPORT OR DOCUMENTS PROVIDED AND IS NOT PLOTTED HEREON.**

(2) EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL, AS RECORDED IN BOOK 678, PAGE 106, OF DEEDS. **THIS ITEM APPEARS TO AFFECT THE SUBJECT PROPERTY, THE EXACT LOCATION COULD NOT BE DETERMINED AND IS NOT PLOTTED HEREON.**

(3) AN AIRCRAFT OPERATIONS, SOUND, AIRSPACE AND AVIGATION EASEMENT OVER THE AREA SHOWN WITH THE DISTINCTIVE BORDER LINE ABOVE A MEAN SEA LEVEL OF 1500 FEET FOR THE PURPOSES AND SUBJECT TO THE SAME CONDITIONS AND LIMITATIONS AS SHOWN IN THAT CERTAIN EASEMENT RECORDED JULY 2, 1979 IN BOOK 13213, PAGE 1111 OF OFFICIAL RECORDS, AS DEDICATED TO THE COUNTY OF ORANGE ON THE MAP OF SAID TRACT. **THIS ITEM APPEARS TO AFFECT THE SUBJECT PROPERTY, THE EXACT LOCATION COULD NOT BE DETERMINED AND IS NOT PLOTTED HEREON.**

(4) EASEMENT(S) FOR LANDSCAPE AND MAINTENANCE PURPOSES AND RIGHTS INCIDENTAL THERETO AS DELINEATED OR AS OFFERED FOR DEDICATION ON THE MAP OF SAID PARCEL MAP 85-158, AS RECORDED IN BOOK 218, PAGES 27 TO 30 INCLUSIVE OF PARCEL MAPS. **THIS ITEM AFFECTS THE SUBJECT PROPERTY AND IS PLOTTED HEREON.**

(5) THE OWNERSHIP OF SAID LAND DOES NOT INCLUDE RIGHTS OF ACCESS TO OR FROM THE STREET, HIGHWAY, OR FREEWAY ABUTTING SAID LAND, SUCH RIGHTS HAVING BEEN RELINQUISHED BY SAID PARCEL MAP 85-158. **THIS ITEM AFFECTS THE SUBJECT PROPERTY AND IS SHOWN HEREON.**

(6) MATTERS SET FORTH ON SAID PARCEL MAP 85-158. **THIS ITEM AFFECTS THE SUBJECT PROPERTY, IS BLANKET IN NATURE AND IS NOT PLOTTED HEREON.**

(7) THE MATTERS SET FORTH IN THE DOCUMENT ENTITLED "DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR ALISO VIEJO COMMUNITY ASSOCIATION", RECORDED APRIL 6, 1982, AS INSTRUMENT NO. 82-118353, OFFICIAL RECORDS, AND APRIL 13, 1987, AS INSTRUMENT NO. 87-201111, OFFICIAL RECORDS. **THIS ITEM AFFECTS THE SUBJECT PROPERTY, IS BLANKET IN NATURE AND IS NOT PLOTTED HEREON.**

(8) THE MATTERS SET FORTH IN THE DOCUMENT ENTITLED "NOTICE OF ANNEXATION AND SUPPLEMENTAL DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR PACIFIC PARK BUSINESS CENTER I (DELEGATE DISTRICT NO. 14) OF ALISO VIEJO COMMUNITY ASSOCIATION", RECORDED APRIL 13, 1987, AS INSTRUMENT NO. 87-201111, OFFICIAL RECORDS, AND SEPTEMBER 4, 1987, AS INSTRUMENT NO. 87-505204, OFFICIAL RECORDS. **THIS ITEM AFFECTS THE SUBJECT PROPERTY, IS BLANKET IN NATURE AND IS NOT PLOTTED HEREON.**

(9) EASEMENT(S) FOR MAINTENANCE PURPOSES AND RIGHTS INCIDENTAL, RECORDED APRIL 14, 1987, AS INSTRUMENT NO. 87-204131, OFFICIAL RECORDS, AND RE-RECORDED OCTOBER 01, 1987, AS INSTRUMENT NO. 87-554296, OFFICIAL RECORDS. **THIS ITEM AFFECTS THE SUBJECT PROPERTY, IS BLANKET IN NATURE AND IS NOT PLOTTED HEREON.**

(10) EASEMENT(S) FOR PUBLIC UTILITIES AND RIGHTS INCIDENTAL, RECORDED SEPTEMBER 29, 1987, AS INSTRUMENT NO. 87-548775, OFFICIAL RECORDS. **THIS ITEM AFFECTS THE SUBJECT PROPERTY AND IS PLOTTED HEREON.**

(11) COVENANTS, CONDITIONS AND RESTRICTIONS, RECORDED OCTOBER 5, 1988, AS INSTRUMENT NO. 88-509735, OFFICIAL RECORDS. **THIS ITEM AFFECTS THE SUBJECT PROPERTY, IS BLANKET IN NATURE AND IS NOT PLOTTED HEREON.**

(12) EASEMENT(S) FOR PUBLIC UTILITIES AND RIGHTS INCIDENTAL, RECORDED JUNE 8, 1989, AS INSTRUMENT NO. 89-301830, OFFICIAL RECORDS. **THIS ITEM AFFECTS THE SUBJECT PROPERTY AND IS PLOTTED HEREON.**

(13) EASEMENT(S) FOR SEWER LINES AND WATER TRANSMISSION PURPOSES AND RIGHTS INCIDENTAL, RECORDED SEPTEMBER 26, 1989, AS INSTRUMENT NO. 89-516161, OFFICIAL RECORDS. **THIS ITEM AFFECTS THE SUBJECT PROPERTY AND IS PLOTTED HEREON.**

(14) A LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS, RECORDED OCTOBER 16, 1989, AS INSTRUMENT NO. 89-557127, OFFICIAL RECORDS. **THIS ITEM AFFECTS THE SUBJECT PROPERTY, IS BLANKET IN NATURE AND IS NOT PLOTTED HEREON.**

(17) ANY RIGHTS OF THE PARTIES IN POSSESSION OF A PORTION OF, OR ALL OF, SAID LAND, WHICH RIGHTS ARE NOT DISCLOSED BY THE PUBLIC RECORDS. **THE EXTENT TO WHICH THIS ITEM AFFECTS THE SUBJECT PROPERTY CAN NOT BE DETERMINED FROM THE TITLE REPORT OR DOCUMENTS PROVIDED AND IS NOT PLOTTED HEREON.**

ITEMS #'S SHOWN HEREON ARE STATED AS EXCEPTIONS ON ABOVE REFERENCED COMMITMENT. NO RESPONSIBILITY FOR THE COMPLETENESS, ACCURACY, OR CONTENT OF SAID REPORT IS ASSUMED BY THIS MAP.

SURVEYOR'S CERTIFICATE:

TO: CAMARILLO AIRPORT BUSINESS CENTER 3/6, LLC, AND FIDELITY NATIONAL TITLE COMPANY

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 6(A), 6(B), 7(A), 7(B1), 7(C), 8, 9, 13, 14, 16, 17, 18 AND 20 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON 6/6/16.

DATE OF PLAT OR MAP: 6/15/16

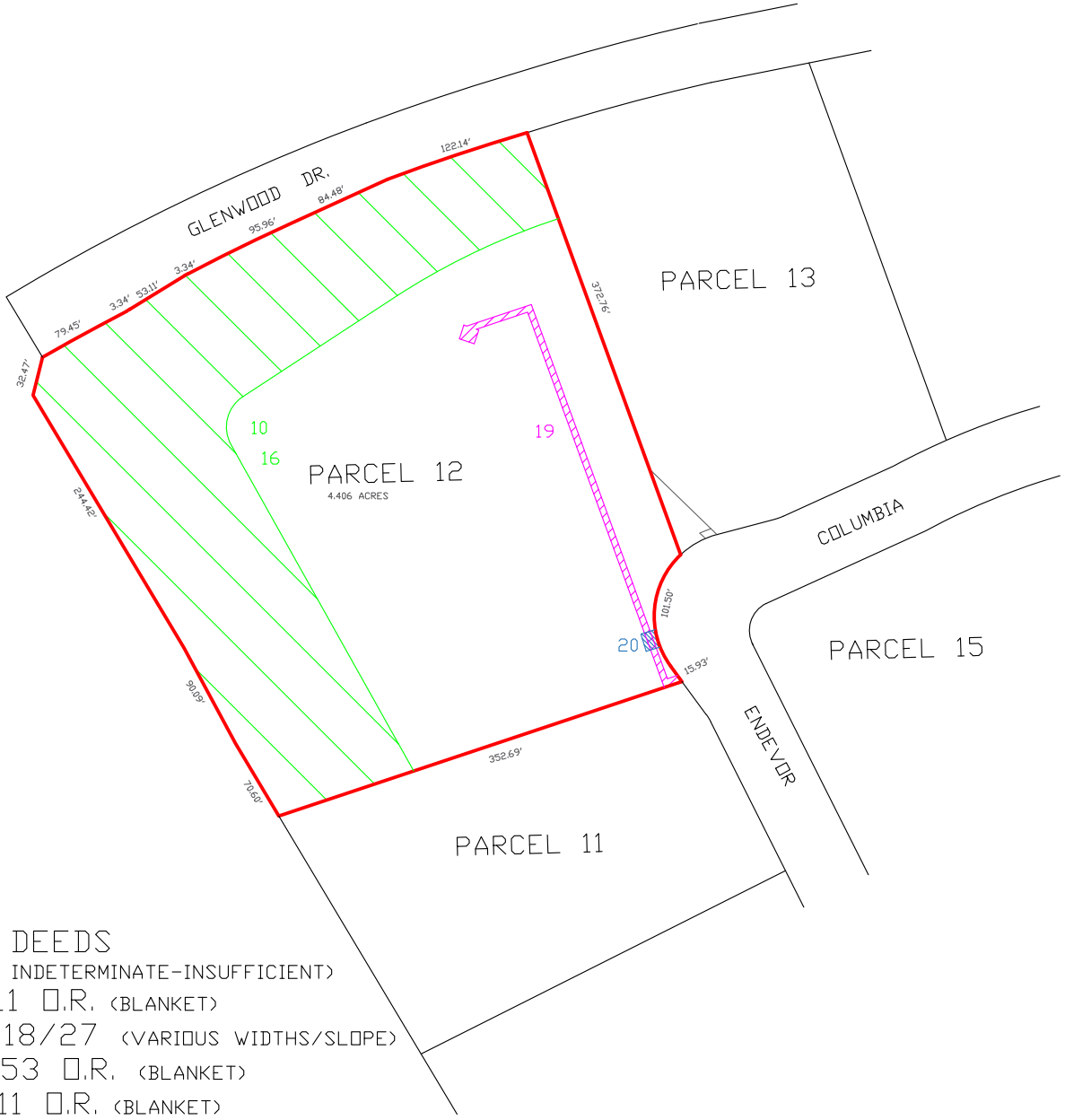
JOHN R. MCDONALD — P.L.S. 6728
EXPIRATION DATE: SEPTEMBER 30, 2016

LICENSED LAND SURVEYOR — JOHN R. MCDONALD — P.L.S. No. 6728 — Exp. 09/30/16 — STATE OF CALIFORNIA

SHEET 1 OF 1	SCALE: 1" = 40'	ALTA/NSPS LAND TITLE SURVEY	JRN CIVIL ENGINEERS
	DATE: 6/15/16	ADDRESS: 15 ARGONAUT, ALISO VIEJO, CA	PHONE (949) 248-4685 FAX (949) 248-4687 — SAN CLEMENTE, CALIFORNIA 92672 232 AVENIDA FABRICANTE, STE. 107
FILE NO. 15698	DRAWN BY: TVE		
	CHKD. BY: JRN	CLIENT: BERDAN HOLDINGS, LLC	PROJECT COORDINATOR: TRAVIS EDWARDS (TEDWARDS@JRNCIVIL.COM)

REVISIONS
6/27/16: ADDED ZONING REPORT INFORMATION

IRWIN HERBERT SHERRY AND DALIA DAFNEY SHERRY; LAUREN FAITH SHERRY; DEAN J. SHERRY



- P. I. Q.
  (8) 678/106 DEEDS
  (EXACT LOCATION INDETERMINATE-INSUFFICIENT)
- (9) 13213/1111 O.R. (BLANKET)
- (10) P.M. BK218/27 (VARIOUS WIDTHS/SLOPE)
- (13) 82-118353 O.R. (BLANKET)
- (15) 87-201111 O.R. (BLANKET)
- (16) 87-204131 O.R. (VARIOUS WIDTHS/SLOPE)
- (19) 89-301830 O.R. (5'/3'/12' WIDE/PUE)
- (20) 89-516161 O.R. (12'x15')

N

NOT TO SCALE

ACRES AND SQUARE FOOTAGE ARE APPROXIMATE ONLY

PARCEL 12
CITY OF ALISO VIEJO
BOOK 218, PAGES 27 TO 30 OF PM
SHOWN AS PARCEL 1 OF LLA NO. LL87-116
INST. NO. 88-107296 OF O.R.
ORANGE COUNTY

APN 623-093-10, 11

ORDER NO. 00944203-989-BLA

TICOR TITLE

This map/plat is being furnished as an aid in locating the herein described Land is relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon. amended 2023

APPENDIX D

Environmental Agency Database Search Report

15 Argonaut
15 Argonaut
Aliso Viejo, CA 92656

Inquiry Number: 8037570.2s
July 03, 2025

The EDR Radius Map™ Report with GeoCheck®

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

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-13
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

15 ARGONAUT
ALISO VIEJO, CA 92656

COORDINATES

Latitude (North):	33.5938820 - 33˚ 35' 37.97''
Longitude (West):	117.7273250 - 117˚ 43' 38.37''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	432512.9
UTM Y (Meters):	3717171.8
Elevation:	453 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50006201 SAN JUAN CAPISTRANO, CA
Version Date:	2022

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20220425
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
15 ARGONAUT
ALISO VIEJO, CA 92656

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	AMBRY GENETICS CORP	15 ARGONAUT	RCRA-LQG		TP
A2	KAMANARI INC	15 ARGONAUT	HWTS		TP
A3	ARBONNE INTERNATIONA	15 ARGONAUT	HWTS		TP
A4	STRACON MANUFACTURIN	15 ARGONAUT	HWTS		TP
A5	CENTON ELECTRONICS I	15 ARGONAUT	HWTS, HAZNET		TP
A6	AMBRY GENETICS CORPR	15 ARGONAUT	HWTS, HAZNET		TP
A7	AMBRY GENETICS CORP	15 ARGONAUT	HWTS, HAZNET		TP
A8	1X KAMINARI	15 ARGONAUT STREET	HWTS		TP
A9	GREEN CO SERVICES LL	15 ARGONAUT	HWTS, HAZNET		TP
A10	AMBRY GENETICS CORP	15 ARGONAUT	FINDS, ECHO		TP
B11	HUNTER GRAPHICS INC	21 ARGONAUT	RCRA-SQG, FINDS, ECHO	Higher	86, 0.016, SE
B12	MOBILE TECH INC	21 ARGONAUT	EDR Hist Auto	Higher	86, 0.016, SE
B13	HALO CLINICAL LAB IN	21 ARGONAUT STE B	RCRA NonGen / NLR, E MANIFEST	Higher	86, 0.016, SE
B14	HALO CLINICAL LAB, I	21 ARGONAUT	RCRA NonGen / NLR	Higher	86, 0.016, SE
C15	CHEVRON PRODUCTS COM	23022 ALISO CREEK RO	RCRA-SQG, SWEEPS UST, CA FID UST, FINDS, ECHO, E...	Higher	106, 0.020, SW
C16	CHEVRON # 0200913	23022 ALISO CREEK RD	UST	Higher	106, 0.020, SW
C17	CHEVRON STATION #200	23022 ALISO CREEK RD	UST FINDER	Higher	106, 0.020, SW
C18	CHEVRON # 0200913	23022 ALISO CREEK	UST	Higher	106, 0.020, SW
C19	CHEVRON STATION #200	23022 ALISO CREEK RD	CERS HAZ WASTE, CERS TANKS, CHMIRS, CERS	Higher	106, 0.020, SW
C20	CHEVRON STATION #200	23022 ALISO CREEK RD	UST	Higher	106, 0.020, SW
C21	CHEVRON USA INC	23022 ALISO CREEK RD	EDR Hist Auto	Higher	106, 0.020, SW
B22	AMBRY GENETICS	7 ARGONAUT	CERS TANKS, CERS	Lower	126, 0.024, East
B23	AMBRY GENETICS	7 ARGONAUT	CERS HAZ WASTE, EMI	Lower	126, 0.024, East
B24	BEARING ENGINEERS	27 ARGONAUT	RCRA NonGen / NLR, E MANIFEST	Higher	258, 0.049, SE
D25	SOFT HEALTH TECHNOLO	8 ARGONAUT STE 170	RCRA NonGen / NLR	Lower	309, 0.059, East
D26	INCEPTUS MEDICAL	8 ARGONAUT STE 100	RCRA NonGen / NLR	Lower	309, 0.059, East
E27	ALISO VIEJO TOWING &	31 ARGONAUT	CERS HAZ WASTE, CERS	Higher	411, 0.078, SE
E28	ALISO VIEJO TOWING	31 ARGONAUT	RCRA NonGen / NLR, E MANIFEST	Higher	411, 0.078, SE
F29	ECONO LUBE N TUNE	22932 GLENWOOD DR	UST	Higher	428, 0.081, WSW
F30	UTV REPAIR LLC DBA G	22932 GLENWOOD DR	RCRA NonGen / NLR, E MANIFEST	Higher	428, 0.081, WSW
E31	PARA TECH COASTING I	35 ARGONAUT CIRCLE #	RCRA-SQG, CERS HAZ WASTE, FINDS, ECHO, E MANIFEST,	Higher	557, 0.105, SE
32	CORTE FINA HOMEOWNER	95 ARGONAUT STE 160	EDR Hist Auto	Lower	650, 0.123, East
G33	INVOY	72 ARGONAUT SUITE 14	RCRA NonGen / NLR, E MANIFEST	Lower	783, 0.148, ESE
H34	CERNO LLC	22892 GLENWOOD DRIVE	RCRA NonGen / NLR, E MANIFEST	Higher	803, 0.152, SW
H35	HILBORN MANUFACTURIN	22892 GLENWOOD DR	RCRA NonGen / NLR, E MANIFEST	Higher	803, 0.152, SW
H36	CERNO LLC	22892 GLENWOOD DR.	RCRA NonGen / NLR, E MANIFEST	Higher	803, 0.152, SW
G37	KENNEDY PIPELINE COM	61 ARGONAUT	RCRA NonGen / NLR, E MANIFEST	Lower	885, 0.168, ESE
G38	KENNEDY PIPELINE CO	61 ARGONAUT	CA FID UST	Lower	885, 0.168, ESE
G39	KENNEDY PIPELINE CO	61 ARGONAUT	UST, SWEEPS UST	Lower	885, 0.168, ESE

MAPPED SITES SUMMARY

Target Property Address:
15 ARGONAUT
ALISO VIEJO, CA 92656

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	KENNEDY PIPELINE CO	61 ARGONAUT	UST FINDER	Lower	885, 0.168, ESE
H41	CALWIRE INC	23 BROOKLINE	RCRA NonGen / NLR	Higher	997, 0.189, SW
I42	PACIFIC ORCA	37 BROOKLINE	RCRA NonGen / NLR, E MANIFEST	Higher	1250, 0.237, SW
I43	UNITED PARCEL SERVIC	22 BROOKLINE	UST FINDER RELEASE	Higher	1365, 0.259, SW
I44	UNITED PARCEL SERVIC	22 BROOKLINE DRIVE.	RCRA-LQG, LUST, CERS HAZ WASTE, SWEEPS UST, CERS..	Higher	1365, 0.259, SW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
AMBRY GENETICS CORP 15 ARGONAUT ALISO VIEJO, CA 92656	RCRA-LQG EPA ID:: CAR000222810	CAR000222810
KAMANARI INC 15 ARGONAUT ALISO VIEJO, CA 92656	HWTS	N/A
ARBONNE INTERNATIONA 15 ARGONAUT ALISO VIEJO, CA 92656	HWTS	N/A
STRACON MANUFACTURIN 15 ARGONAUT ALISO VIEJO, CA 92656	HWTS	N/A
CENTON ELECTRONICS I 15 ARGONAUT ALISO VIEJO, CA 92656	HWTS HAZNET GEPAID: CAL000298473	N/A
AMBRY GENETICS CORPR 15 ARGONAUT ALISO VIEJO, CA 92656	HWTS HAZNET GEPAID: CAL000368674	N/A
AMBRY GENETICS CORP 15 ARGONAUT ALISO VIEJO, CA 92656	HWTS HAZNET GEPAID: CAR000222810	N/A
1X KAMINARI 15 ARGONAUT STREET ALISO VIE JO, CA 92656	HWTS	N/A
GREEN CO SERVICES LL 15 ARGONAUT ALISO VIEJO, CA 92656	HWTS HAZNET GEPAID: CAC002638779	N/A
AMBRY GENETICS CORP 15 ARGONAUT ALISO VIEJO, CA 92656	FINDS	N/A

EXECUTIVE SUMMARY

Registry ID:: 110044804218

ECHO
Registry ID: 110044804218

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

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL ---- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---- Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

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

Federal institutional controls / engineering controls registries

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

EXECUTIVE SUMMARY

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ---------- State Response Sites

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR ---------- EnviroStor Database

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF ---------- Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land
CPS-SLIC ---------- Statewide SLIC Cases

Lists of state and tribal registered storage tanks

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

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register

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

Local Lists of Registered Storage Tanks

HIST UST	Hazardous Substance Storage Container Database

Local Land Records

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

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
Orange Co. Ind Site	List of Industrial Site Cleanups
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites

LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
MINES MRDS	Mineral Resources Data System
ABANDONED MINES	Abandoned Mines
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information
PFAS TSCA	PFAS Manufacture and Imports Information
PFAS TRIS	List of PFAS Added to the TRI
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR	PFAS Contamination Site Location Listing
PFAS WQP	Ambient Environmental Sampling for PFAS
PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS NPDES	Clean Water Act Discharge Monitoring Information
PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing
BIOSOLIDS	ICIS-NPDES Biosolids Facility Data
PFAS	PFAS Investigation Site Location Listing
AQUEOUS FOAM	Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CHROME PLATING	Chrome Plating Facilities Listing
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	Inspection, Compliance and Enforcement
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
HAZMAT	Hazardous Material Facilities
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
CIWQS	California Integrated Water Quality System
CERS	CERS
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)

WELL STIM PROJ---------- Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP---------- EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner---------- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/02/2025 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUNTER GRAPHICS INC EPA ID:: CAD982509853	***21 ARGONAUT***	***SE 0 - 1/8 (0.016 mi.)***	***B11***	***64***
CHEVRON PRODUCTS COM EPA ID:: CAD983637851	***23022 ALISO CREEK RO***	***SW 0 - 1/8 (0.020 mi.)***	***C15***	***75***
PARA TECH COASTING I EPA ID:: CAR000057828	***35 ARGONAUT CIRCLE #***	***SE 0 - 1/8 (0.105 mi.)***	***E31***	***161***

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED PARCEL SERVIC	***22 BROOKLINE DRIVE.***	***SW 1/4 - 1/2 (0.259 mi.)***	***I44***	***268***
Database: ORANGE CO. LUST, Date of Government Version: 02/05/2025 Database: LUST REG 9, Date of Government Version: 03/01/2001 Database: LUST, Date of Government Version: 02/24/2025 Status: Completed - Case Closed Closed Date: 1/4/96 Facility Id: 95UT025 Status: Case Closed Global Id: T0605902532 Case Number: 9UT3197				

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON # 0200913	23022 ALISO CREEK RD	SW 0 - 1/8 (0.020 mi.)	C16	89
Database: UST, Date of Government Version: 03/03/2025 Facility Id: 12182				
CHEVRON # 0200913	23022 ALISO CREEK	SW 0 - 1/8 (0.020 mi.)	C18	92
Database: ORANGE CO. UST, Date of Government Version: 02/05/2025 Facility Id: FA0024729				
CHEVRON STATION #200	23022 ALISO CREEK RD	SW 0 - 1/8 (0.020 mi.)	C20	119
Database: UST, Date of Government Version: 03/03/2025 Facility Id: FA0024729				
ECONO LUBE N TUNE	22932 GLENWOOD DR	WSW 0 - 1/8 (0.081 mi.)	F29	156
Database: UST, Date of Government Version: 03/03/2025 Facility Id: 14836				

Lower Elevation	Address	Direction / Distance	Map ID	Page
KENNEDY PIPELINE CO	***61 ARGONAUT***	***ESE 1/8 - 1/4 (0.168 mi.)***	***G39***	***257***
Database: UST, Date of Government Version: 03/03/2025 Database: ORANGE CO. UST, Date of Government Version: 02/05/2025 Facility Id: FA0025143				

EXECUTIVE SUMMARY

Facility Id: FA0025143

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 01/12/2025 has revealed that there are 4 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION #200	*23022 ALISO CREEK RD*	*SW 0 - 1/8 (0.020 mi.)*	*C19*	*92*
ALISO VIEJO TOWING &	*31 ARGONAUT*	*SE 0 - 1/8 (0.078 mi.)*	*E27*	*143*
PARA TECH COASTING I	*35 ARGONAUT CIRCLE #*	*SE 0 - 1/8 (0.105 mi.)*	*E31*	*161*

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMBRY GENETICS	*7 ARGONAUT*	*E 0 - 1/8 (0.024 mi.)*	*B23*	*128*

Local Lists of Registered Storage Tanks

SWEEPS UST: 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.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON PRODUCTS COM	*23022 ALISO CREEK RO*	*SW 0 - 1/8 (0.020 mi.)*	*C15*	*75*
Status: A				
Tank Status: A				
Comp Number: 12182				

Lower Elevation	Address	Direction / Distance	Map ID	Page
KENNEDY PIPELINE CO	*61 ARGONAUT*	*ESE 1/8 - 1/4 (0.168 mi.)*	*G39*	*257*
Status: A				
Tank Status: A				
Comp Number: 9851				

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON PRODUCTS COM Facility Id: 30010575 Status: A	***23022 ALISO CREEK RO***	***SW 0 - 1/8 (0.020 mi.)***	***C15***	***75***

Lower Elevation	Address	Direction / Distance	Map ID	Page
KENNEDY PIPELINE CO Facility Id: 30012495 Status: A	61 ARGONAUT	ESE 1/8 - 1/4 (0.168 mi.)	G38	257

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 01/12/2025 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION #200	***23022 ALISO CREEK RD***	***SW 0 - 1/8 (0.020 mi.)***	***C19***	***92***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMBRY GENETICS	***7 ARGONAUT***	***E 0 - 1/8 (0.024 mi.)***	***B22***	***122***

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/02/2025 has revealed that there are 14 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HALO CLINICAL LAB IN EPA ID:: CAL000478070	***21 ARGONAUT STE B***	***SE 0 - 1/8 (0.016 mi.)***	***B13***	***67***
HALO CLINICAL LAB, I EPA ID:: CAC003215244	21 ARGONAUT	SE 0 - 1/8 (0.016 mi.)	B14	72
BEARING ENGINEERS EPA ID:: CAL000111876	***27 ARGONAUT***	***SE 0 - 1/8 (0.049 mi.)***	***B24***	***133***
ALISO VIEJO TOWING	***31 ARGONAUT***	***SE 0 - 1/8 (0.078 mi.)***	***E28***	***151***

EPA ID:: CAL000441567				
UTV REPAIR LLC DBA G EPA ID:: CAL000474466	***22932 GLENWOOD DR***	***WSW 0 - 1/8 (0.081 mi.)***	***F30***	***157***
CERNO LLC EPA ID:: CAC003190893	***22892 GLENWOOD DRIVE***	***SW 1/8 - 1/4 (0.152 mi.)***	***H34***	***235***
HILBORN MANUFACTURIN EPA ID:: CAL000312469	***22892 GLENWOOD DR***	***SW 1/8 - 1/4 (0.152 mi.)***	***H35***	***239***
CERNO LLC EPA ID:: CAC003251170	***22892 GLENWOOD DR.***	***SW 1/8 - 1/4 (0.152 mi.)***	***H36***	***246***
CALWIRE INC EPA ID:: CAL000485631	23 BROOKLINE	SW 1/8 - 1/4 (0.189 mi.)	H41	261
PACIFIC ORCA EPA ID:: CAC003084738	***37 BROOKLINE***	***SW 1/8 - 1/4 (0.237 mi.)***	***I42***	***264***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOFT HEALTH TECHNOLO EPA ID:: CAL000402655	8 ARGONAUT STE 170	E 0 - 1/8 (0.059 mi.)	D25	139
INCEPTUS MEDICAL EPA ID:: CAL000472373	8 ARGONAUT STE 100	E 0 - 1/8 (0.059 mi.)	D26	141
INVOY EPA ID:: CAC003059445	***72 ARGONAUT SUITE 14***	***ESE 1/8 - 1/4 (0.148 mi.)***	***G33***	***225***
KENNEDY PIPELINE COM EPA ID:: CAL000037032	***61 ARGONAUT***	***ESE 1/8 - 1/4 (0.168 mi.)***	***G37***	***249***

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there is 1 UST FINDER RELEASE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED PARCEL SERVIC	22 BROOKLINE	SW 1/4 - 1/2 (0.259 mi.)	I43	267

UST FINDER: EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there are 2 UST FINDER sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION #200	23022 ALISO CREEK RD	SW 0 - 1/8 (0.020 mi.)	C17	90

Lower Elevation	Address	Direction / Distance	Map ID	Page
KENNEDY PIPELINE CO	61 ARGONAUT	ESE 1/8 - 1/4 (0.168 mi.)	G40	260

EXECUTIVE SUMMARY

E MANIFEST: EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

A review of the E MANIFEST list, as provided by EDR, and dated 02/17/2025 has revealed that there are 12 E MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HALO CLINICAL LAB IN	*21 ARGONAUT STE B*	*SE 0 - 1/8 (0.016 mi.)*	*B13*	*67*
CHEVRON PRODUCTS COM	*23022 ALISO CREEK RO*	*SW 0 - 1/8 (0.020 mi.)*	*C15*	*75*
BEARING ENGINEERS	*27 ARGONAUT*	*SE 0 - 1/8 (0.049 mi.)*	*B24*	*133*
ALISO VIEJO TOWING	*31 ARGONAUT*	*SE 0 - 1/8 (0.078 mi.)*	*E28*	*151*
UTV REPAIR LLC DBA G	*22932 GLENWOOD DR*	*WSW 0 - 1/8 (0.081 mi.)*	*F30*	*157*
PARA TECH COASTING I	*35 ARGONAUT CIRCLE #*	*SE 0 - 1/8 (0.105 mi.)*	*E31*	*161*
CERNO LLC	*22892 GLENWOOD DRIVE*	*SW 1/8 - 1/4 (0.152 mi.)*	*H34*	*235*
HILBORN MANUFACTURIN	*22892 GLENWOOD DR*	*SW 1/8 - 1/4 (0.152 mi.)*	*H35*	*239*
CERNO LLC	*22892 GLENWOOD DR.*	*SW 1/8 - 1/4 (0.152 mi.)*	*H36*	*246*
PACIFIC ORCA	*37 BROOKLINE*	*SW 1/8 - 1/4 (0.237 mi.)*	*I42*	*264*

Lower Elevation	Address	Direction / Distance	Map ID	Page
INVOY	*72 ARGONAUT SUITE 14*	*ESE 1/8 - 1/4 (0.148 mi.)*	*G33*	*225*
KENNEDY PIPELINE COM	*61 ARGONAUT*	*ESE 1/8 - 1/4 (0.168 mi.)*	*G37*	*249*

Cortese: 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).

A review of the Cortese list, as provided by EDR, and dated 03/17/2025 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED PARCEL SERVIC	*22 BROOKLINE DRIVE.*	*SW 1/4 - 1/2 (0.259 mi.)*	*I44*	*268*
Cleanup Status: COMPLETED - CASE CLOSED				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED PARCEL SERVIC	*22 BROOKLINE DRIVE.*	*SW 1/4 - 1/2 (0.259 mi.)*	*I44*	*268*
Reg Id: 9UT3197				

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

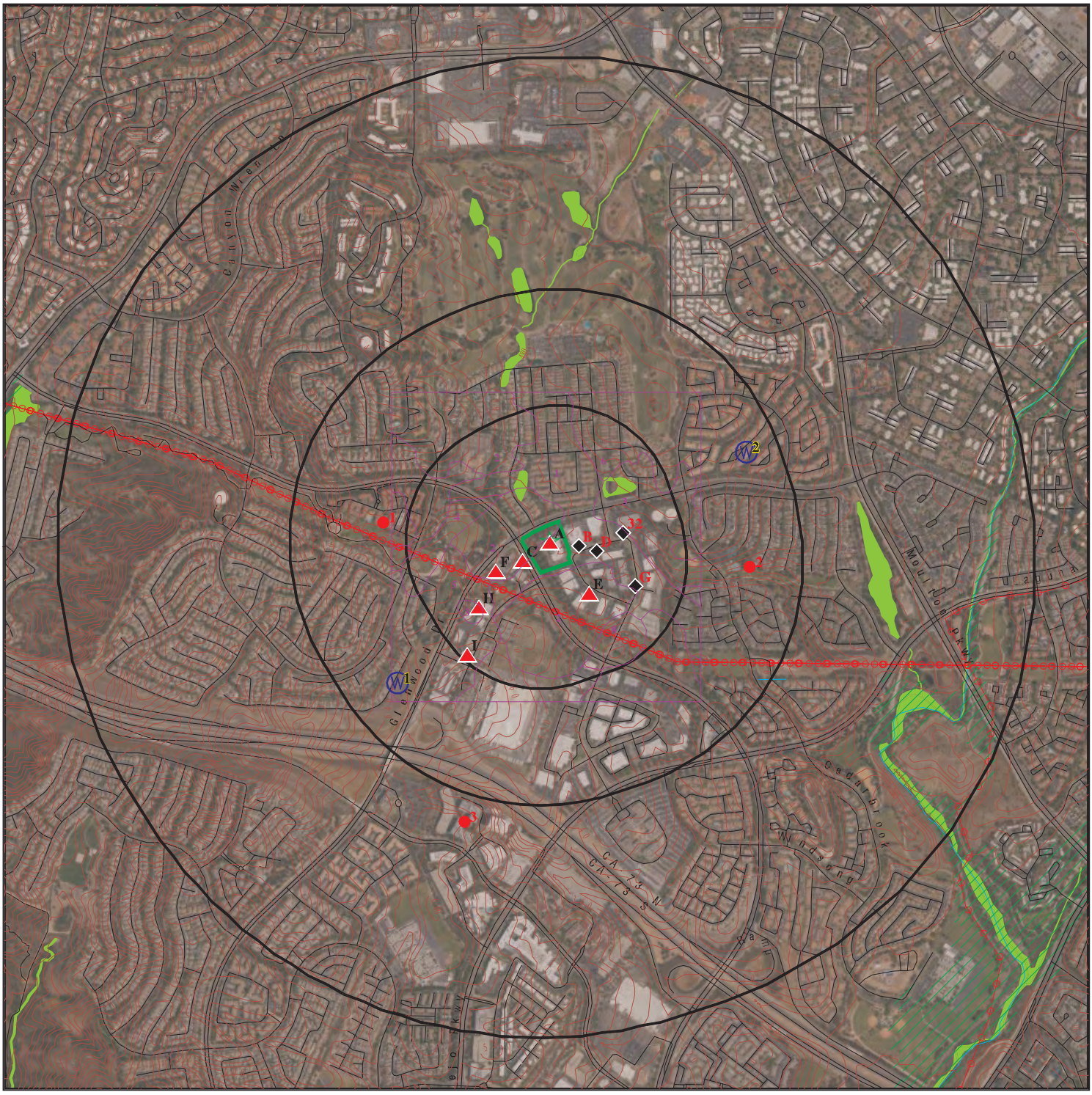
A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOBILE TECH INC	21 ARGONAUT	SE 0 - 1/8 (0.016 mi.)	B12	67
CHEVRON USA INC	23022 ALISO CREEK RD	SW 0 - 1/8 (0.020 mi.)	C21	122
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CORTE FINA HOMEOWNER	95 ARGONAUT STE 160	E 0 - 1/8 (0.123 mi.)	32	225

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 8037570.2S



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: 15 Argonaut ADDRESS: 15 Argonaut Aliso Viejo CA 92656 LAT/LONG: 33.593882 / 117.727325	CLIENT: Stantec CONTACT: Alicia Ruth Jansen INQUIRY #: 8037570.2s DATE: July 03, 2025 9:08 am

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DETAIL MAP - 8037570.2S



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

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

SITE NAME: 15 Argonaut ADDRESS: 15 Argonaut Aliso Viejo CA 92656 LAT/LONG: 33.593882 / 117.727325	CLIENT: Stantec CONTACT: Alicia Ruth Jansen INQUIRY #: 8037570.2s DATE: July 03, 2025 9:10 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250	1	0	0	NR	NR	NR	1
RCRA-SQG	0.250		3	0	NR	NR	NR	3
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	1	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		4	1	NR	NR	NR	5
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		4	0	NR	NR	NR	4
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	1	NR	NR	NR	2
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		1	1	NR	NR	NR	2
CERS TANKS	0.250		2	0	NR	NR	NR	2
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
Orange Co. Ind Site	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		7	7	NR	NR	NR	14
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	1	NR	NR	1
UST FINDER	0.250		1	1	NR	NR	NR	2
E MANIFEST	0.250		6	6	NR	NR	NR	12
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	0	1	NR	NR	1
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	TP	8	NR	NR	NR	NR	NR	8
HAZNET	TP	4	NR	NR	NR	NR	NR	4
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		15	32	17	4	0	0	68

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **AMBRY GENETICS CORP** **RCRA-LQG** **1014922508**
Target **15 ARGONAUT** **CAR000222810**
Property **ALISO VIEJO, CA 92656**

Site 1 of 10 in cluster A

Actual:
453 ft.

RCRA Listings:

Date Form Received by Agency:		20181030
Handler Name:		Ambry Genetics Corp
Handler Address:		Argonaut
Handler City,State,Zip:		ALISO VIEJO, CA 92656-0000
EPA ID:		CAR000222810
Contact Name:		SCOTT C DAWSON
Contact Address:		ARGONAUT
Contact City,State,Zip:		ALISO VIEJO, CA 92656-0000
Contact Telephone:		949-900-5540
Contact Fax:		949-900-5501
Contact Email:		SDAWSON@AMBRYGEN.COM
Contact Title:		ENVIRONMENTAL HEALTH AND SAFETY MANAGER
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2017
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		ARGONAUT
Mailing City,State,Zip:		ALISO VIEJO, CA 92656-0000
Owner Name:	Sherry Family Partnership	
Owner Type:		Private
Operator Name:	Ambry Genetic Corporation	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No

AMBRY GENETICS CORP (Continued) **1014922508**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181126
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D022
Waste Description:	Chloroform
Waste Code:	F003
Waste Description:	The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	U002
Waste Description:	2-Propanone (I) (Or) Acetone (I)
Waste Code:	U007
Waste Description:	2-Propenamide (Or) Acrylamide
Waste Code:	U031
Waste Description:	1-Butanol (I) (Or) N-Butyl Alcohol (I)
Waste Code:	U044

AMBRY GENETICS CORP (Continued) **1014922508**

Waste Description: Chloroform (Or) Methane, Trichloro-

Waste Code: U188
Waste Description: Phenol

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: AMBRY GENETIC CORPORATION
Legal Status: Private
Date Became Current: 20120101
Date Ended Current: Not reported
Owner/Operator Address: 15 ARGONAUT
Owner/Operator City,State,Zip: ALISO VIEJO, CA 92656-0000
Owner/Operator Telephone: 949-900-5500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SDAWSON@AMBRYGEN.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: AICI, LLC
Legal Status: Private
Date Became Current: 19891001
Date Ended Current: Not reported
Owner/Operator Address: 2101 ROSECRANS AVENUE
Owner/Operator City,State,Zip: EL SEGUNDO, CA 90245
Owner/Operator Telephone: 310-725-0006
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AICI LLC
Legal Status: Private
Date Became Current: 19891001
Date Ended Current: Not reported
Owner/Operator Address: 2101 ROSENCRANS AVE
Owner/Operator City,State,Zip: EL SEGUNDO, CA 92656
Owner/Operator Telephone: 310-725-0006
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AMBRY GENETICS CORP
Legal Status: Private
Date Became Current: 20120102
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

AMBRY GENETICS CORP (Continued) **1014922508**

Owner/Operator Indicator: Owner
Owner/Operator Name: SHERRY FAMILY PARTNERSHIP
Legal Status: Private
Date Became Current: 20180117
Date Ended Current: Not reported
Owner/Operator Address: 1040 SOUTH ROBERTSON BLVD
Owner/Operator City,State,Zip: LOS ANGELES, CA 90035
Owner/Operator Telephone: 323-839-5511
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DEAN@DUKEPM.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: AICI, LLC
Legal Status: Private
Date Became Current: 19891001
Date Ended Current: Not reported
Owner/Operator Address: 2101 ROSECRANS AVENUE
Owner/Operator City,State,Zip: EL SEGUNDO, CA 90245
Owner/Operator Telephone: 310-725-0006
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AMBRY GENETICS CORP
Legal Status: Private
Date Became Current: 20120102
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AMBRY GENETICS CORPORATION
Legal Status: Private
Date Became Current: 20120101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALCL INC
Legal Status: Private
Date Became Current: 19940629
Date Ended Current: Not reported
Owner/Operator Address: 2321 ROSECRANS AVE
Owner/Operator City,State,Zip: EL SEGUNDO, CA 90245
Owner/Operator Telephone: 310-725-0006
Owner/Operator Telephone Ext: Not reported

AMBRY GENETICS CORP (Continued) **1014922508**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AMBRY GENETICS CORPORATION
Legal Status: Private
Date Became Current: 20120101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160229
Handler Name: AMBRY GENETICS CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20181030
Handler Name: AMBRY GENETICS CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20171113
Handler Name: AMBRY GENETICS CORPORATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20111116
Handler Name: AMBRY GENETICS CORP

AMBRY GENETICS CORP (Continued) **1014922508**

Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150323
Handler Name: AMBRY GENETICS CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 541711
NAICS Description: Research And Development In Biotechnology

NAICS Code: 541714
NAICS Description: Research And Development In Biotechnology (Except Nanobiotechnology

NAICS Code: 62151
NAICS Description: Medical And Diagnostic Laboratories

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A2 **KAMANARI INC** **HWTS** **S124943416**
Target **15 ARGONAUT** **N/A**
Property **ALISO VIEJO, CA 92656**

Site 2 of 10 in cluster A

Actual: **453 ft.**

HWTS:
Name: KAMANARI INC
Address: 15 ARGONAUT
Address 2: Not reported
City,State,Zip: ALISO VIEJO, CA 92656
EPA ID: CAP982455610
Inactive Date: 12/21/2000
Create Date: 05/13/1998
Last Act Date: Not reported

KAMANARI INC (Continued) **S124943416**

Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing Address 2:	Not reported
Mailing City,State,Zip:	0
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	FEDERAL
Latitude:	33.594139
Longitude:	-117.725167

A3 **ARBONNE INTERNATIONAL** **HWTS** **S124554686**
Target **15 ARGONAUT** **N/A**
Property **ALISO VIEJO, CA 92656**

Site 3 of 10 in cluster A

Actual: **453 ft.**

HWTS:

Name:	ARBONNE INTERNATIONAL
Address:	15 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAC001314128
Inactive Date:	10/25/2000
Create Date:	06/22/1998
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	15 ARGONAUT
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ALISO VIEJO, CA 926560000
Owner Name:	ARBONNE INTERNATIONAL INC
Owner Address:	15 ARGONAUT
Owner Address 2:	Not reported
Owner City,State,Zip:	ALISO VIEJO, CA 926560000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	CRAIG ZURLINI - MANUFACT MGR
Contact Address:	15 ARGONAUT
Contact Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 926560000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	33.594139
Longitude:	-117.725167

A4 **STRACON MANUFACTURING** **HWTS** **S124847249**
Target **15 ARGONAUT** **N/A**
Property **ALISO VIEJO, CA 92656**

Site 4 of 10 in cluster A

Actual:
453 ft.

HWTS:

Name:	STRACON MANUFACTURING
Address:	15 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAL000277358
Inactive Date:	06/30/2006
Create Date:	12/16/2003
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	1672 KAISER AVE #1
Mailing Address 2:	Not reported
Mailing City,State,Zip:	IRVINE, CA 92614
Owner Name:	LUONG NGUYEN
Owner Address:	2 HORIZON
Owner Address 2:	Not reported
Owner City,State,Zip:	NEWPORT COAST, CA 92657
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	PHONG T TRAN
Contact Address:	15 ARGONAUT
Contact Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 926560000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.593611
Longitude:	-117.726393

NAICS:

EPA ID:	CAL000277358
Create Date:	2003-12-16 15:29:15.477
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2003-12-16 15:29:15.43000
Inactive Date:	2006-06-30 14:21:36.99700
Facility Name:	STRACON MANUFACTURING
Facility Address:	15 ARGONAUT
Facility Address 2:	Not reported
Facility City:	ALISO VIEJO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	926561423

A5 **CENTON ELECTRONICS INC** **HWTS** **S113139014**
Target **15 ARGONAUT** **HAZNET** **N/A**
Property **ALISO VIEJO, CA 92656**

Site 5 of 10 in cluster A

Actual:
453 ft.

HWTS:

Name:	CENTON ELECTRONICS INC
Address:	15 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAL000298473
Inactive Date:	06/30/2008
Create Date:	09/15/2005
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	27412 ALISO VIEJO PKWY
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ALISO VIEJO, CA 926563371
Owner Name:	CENTON ELECTRONICS INC
Owner Address:	15 ARGONAUT
Owner Address 2:	Not reported
Owner City,State,Zip:	ALISO VIEJO, CA 926560000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	JAY O'NEIL, OPERATIONS MGR
Contact Address:	15 ARGONAUT
Contact Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 926560000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.59409
Longitude:	-117.7277

HAZNET:

Name:	CENTON ELECTRONICS INC
Address:	15 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
Contact:	JAY O'NEIL, OPERATIONS MGR
Telephone:	9496992036
Mailing Name:	Not reported
Mailing Address:	27412 ALISO VIEJO PKWY
Year:	2015
Gepaid:	CAL000298473
TSD EPA ID:	CAD003963592
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1865
Year:	2013
Gepaid:	CAL000298473
TSD EPA ID:	CAD003963592
CA Waste Code:	181 - Other inorganic solid waste

CENTON ELECTRONICS INC (Continued) **S113139014**

Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.275

Year: 2010
Gepaid: CAL000298473
TSD EPA ID: CAD003963592
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.165

Year: 2009
Gepaid: CAL000298473
TSD EPA ID: CAD003963592
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.125

Year: 2008
Gepaid: CAL000298473
TSD EPA ID: CAD003963592
CA Waste Code: -
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: Not reported

Year: 2008
Gepaid: CAL000298473
TSD EPA ID: CAD003963592
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.225

Year: 2007
Gepaid: CAL000298473
TSD EPA ID: CAD003963592
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.613

Year: 2006
Gepaid: CAL000298473
TSD EPA ID: CAD003963592
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: R01 - Recycler
Tons: 0.1375

Additional Information:
Year: 2015
Gen EPA ID: CAL000298473

Shipment Date: 20150929
Creation Date: 12/16/2015 22:15:07
Receipt Date: 20151007
Manifest ID: 012868271JJK
Trans EPA ID: CAD003963592

CENTON ELECTRONICS INC (Continued) **S113139014**

Trans Name:	ECS REFINING
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEMS
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1865
Waste Quantity:	373
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2013
Gen EPA ID:	CAL000298473
Shipment Date:	20131202
Creation Date:	2/18/2014 22:15:13
Receipt Date:	20131211
Manifest ID:	010873631JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CAR000188201
Trans 2 Name:	ENVIRONMENTAL RECOVERY SERVICES
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130326
Creation Date:	6/9/2013 22:15:06
Receipt Date:	20130404
Manifest ID:	009479293JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CAR000188201
Trans 2 Name:	ENVIRONMENTAL RECOVERY SERVICES

CENTON ELECTRONICS INC (Continued) **S113139014**

TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2010
Gen EPA ID:	CAL000298473
Shipment Date:	20100716
Creation Date:	9/30/2010 18:30:48
Receipt Date:	20100721
Manifest ID:	005935080JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CAR000188201
Trans 2 Name:	ENVIRONMENTAL RECOVERY SERVICES
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.165
Waste Quantity:	330
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2009
Gen EPA ID:	CAL000298473
Shipment Date:	20090406
Creation Date:	5/12/2009 18:30:20
Receipt Date:	20090409
Manifest ID:	004467077JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING

CENTON ELECTRONICS INC (Continued) **S113139014**

Trans 2 EPA ID: CAR000188201
Trans 2 Name: ENVIROSERV
TSDF EPA ID: CAD003963592
Trans Name: ECS REFINING TEXAS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Information:
Year: 2008
Gen EPA ID: CAL000298473

Shipment Date: 20080714
Creation Date: 9/10/2008 18:30:08
Receipt Date: 20080723
Manifest ID: 004467245JJK
Trans EPA ID: CAD003963592
Trans Name: ECS REFINING
Trans 2 EPA ID: CAR000188201
Trans 2 Name: ENVIROSERV
TSDF EPA ID: CAD003963592
Trans Name: ECS REFINING TEXAS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080714
Creation Date: 9/10/2008 18:30:08
Receipt Date: 20080723
Manifest ID: 004467245JJK
Trans EPA ID: CAD003963592
Trans Name: ECS REFINING
Trans 2 EPA ID: CAR000188201
Trans 2 Name: ENVIROSERV
TSDF EPA ID: CAD003963592
Trans Name: ECS REFINING TEXAS LLC
TSDF Alt EPA ID: Not reported

CENTON ELECTRONICS INC (Continued) **S113139014**

TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2007
Gen EPA ID:	CAL000298473
Shipment Date:	20071015
Creation Date:	1/25/2008 18:30:07
Receipt Date:	20071017
Manifest ID:	002970641JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIROSERV
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.3605
Waste Quantity:	721
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070327
Creation Date:	8/19/2007 18:30:34
Receipt Date:	20070329
Manifest ID:	001393764JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIROSERV
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.2525

CENTON ELECTRONICS INC (Continued) **S113139014**

Waste Quantity:	505
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2006
Gen EPA ID:	CAL000298473
Shipment Date:	20060208
Creation Date:	7/5/2006 12:02:53
Receipt Date:	20060209
Manifest ID:	22365876
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIROMENTAL RECOVERY SVCS
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.1375
Waste Quantity:	275
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

A6 **AMBRY GENETICS CORPROATION** **HWTS** **S113800227**
Target **15 ARGONAUT** **HAZNET** **N/A**
Property **ALISO VIEJO, CA 92656**

Site 6 of 10 in cluster A

Actual: **453 ft.**

HWTS:

Name:	AMBRY GENETICS CORPRORATION
Address:	15 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAL000368674
Inactive Date:	07/03/2015
Create Date:	10/27/2011
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	15 ARGONAUT
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ALISO VIEJO, CA 926560000
Owner Name:	AMBRY GENETICS CORPORATION
Owner Address:	15 ARGONAUT

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Owner Address 2:	Not reported
Owner City,State,Zip:	ALISO VIEJO, CA 926560000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	MARISSA TRACY
Contact Address:	15 ARGONAUT
Contact Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.59409
Longitude:	-117.7277

NAICS:

EPA ID:	CAL000368674
Create Date:	2011-10-27 11:32:25.430
NAICS Code:	621512
NAICS Description:	Diagnostic Imaging Centers
Issued EPA ID Date:	2011-10-27 11:32:25.38300
Inactive Date:	2015-07-03 00:00:00
Facility Name:	AMBRY GENETICS CORPRORATION
Facility Address:	15 ARGONAUT
Facility Address 2:	Not reported
Facility City:	ALISO VIEJO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92656

HAZNET:

Name:	AMBRY GENETICS CORPROATION
Address:	15 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
Contact:	MARISSA TRACY
Telephone:	9499005540
Mailing Name:	Not reported
Mailing Address:	15 ARGONAUT
Year:	2015
Gepaid:	CAL000368674
TSD EPA ID:	NED981723513
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.64
Year:	2015
Gepaid:	CAL000368674
TSD EPA ID:	NED981723513
CA Waste Code:	352 - Other organic solids
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.3195
Year:	2015

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Gepaid:	CAL000368674
TSD EPA ID:	NMD002208627
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.063
Year:	2015
Gepaid:	CAL000368674
TSD EPA ID:	UTD981552177
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	1.1185
Year:	2015
Gepaid:	CAL000368674
TSD EPA ID:	UTD981552177
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.0175
Year:	2015
Gepaid:	CAL000368674
TSD EPA ID:	CAD982444481
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.84
Year:	2015
Gepaid:	CAL000368674
TSD EPA ID:	UTD981552177
CA Waste Code:	352 - Other organic solids
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.411
Year:	2015
Gepaid:	CAL000368674
TSD EPA ID:	CAD982444481
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0545
Year:	2015
Gepaid:	CAL000368674
TSD EPA ID:	NED981723513
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.0435
Year:	2015
Gepaid:	CAL000368674
TSD EPA ID:	CAD059494310
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Tons: 0.1785

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

Additional Information:

Year:	2015
Gen EPA ID:	CAL000368674
Shipment Date:	20150612
Creation Date:	1/19/2016 22:15:49
Receipt Date:	20150630
Manifest ID:	007902972FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT (SV)
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TRANSPORT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150417
Creation Date:	8/31/2015 22:15:49
Receipt Date:	20150423
Manifest ID:	008258177FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150410
Creation Date:	6/25/2015 22:15:58
Receipt Date:	20150416
Manifest ID:	008258128FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150407
Creation Date:	11/25/2015 22:15:37
Receipt Date:	20150504
Manifest ID:	008258110FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150407
Creation Date:	11/25/2015 22:15:37
Receipt Date:	20150504
Manifest ID:	008258110FLE
Trans EPA ID:	CAR000070540

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0405
Waste Quantity:	81
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150407
Creation Date:	11/25/2015 22:15:37
Receipt Date:	20150504
Manifest ID:	008258110FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.021
Waste Quantity:	42
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150407
Creation Date:	11/25/2015 22:15:37
Receipt Date:	20150504
Manifest ID:	008258110FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150403
Creation Date:	8/21/2015 22:15:28
Receipt Date:	20150409
Manifest ID:	008258093FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0295
Waste Quantity:	59
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150403
Creation Date:	8/21/2015 22:15:28
Receipt Date:	20150409
Manifest ID:	008258093FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150403
Creation Date:	11/25/2015 22:15:37
Receipt Date:	20150504
Manifest ID:	008258092FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0195
Waste Quantity:	39
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2014
Gen EPA ID:	CAL000368674
Shipment Date:	20141230
Creation Date:	8/10/2015 22:15:28
Receipt Date:	20150202
Manifest ID:	007903147FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0345
Waste Quantity:	69
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141230
Creation Date:	8/10/2015 22:15:28

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Receipt Date:	20150202
Manifest ID:	007903147FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0325
Waste Quantity:	65
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141230
Creation Date:	8/10/2015 22:15:28
Receipt Date:	20150202
Manifest ID:	007903147FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141230
Creation Date:	3/23/2015 22:15:13
Receipt Date:	20150107
Manifest ID:	007903148FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported

AMBRY GENETICS CORPROATION (Continued) **S113800227**

TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141226
Creation Date:	7/16/2015 22:15:08
Receipt Date:	20150121
Manifest ID:	007903132FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.019
Waste Quantity:	38
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	7/16/2015 22:15:08
Receipt Date:	20150121
Manifest ID:	007903127FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.021
Waste Quantity:	42
Quantity Unit:	P
Additional Code 1:	Not reported

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	7/16/2015 22:15:08
Receipt Date:	20150121
Manifest ID:	007903127FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0595
Waste Quantity:	119
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141219
Creation Date:	2/14/2015 22:15:08
Receipt Date:	20141224
Manifest ID:	007903101FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141219
Creation Date:	8/5/2015 22:15:22
Receipt Date:	20150119

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Manifest ID:	007903099FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD39322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0215
Waste Quantity:	43
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141219
Creation Date:	8/5/2015 22:15:22
Receipt Date:	20150119
Manifest ID:	007903099FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD39322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2013
Gen EPA ID:	CAL000368674

Shipment Date:	20131206
Creation Date:	5/20/2014 22:14:51
Receipt Date:	20131230
Manifest ID:	006034408FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC

AMBRY GENETICS CORPROATION (Continued) **S113800227**

TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.325
Waste Quantity:	650
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131018
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131122
Manifest ID:	006033089FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.027
Waste Quantity:	54
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130830
Creation Date:	1/11/2014 22:15:06
Receipt Date:	20130906
Manifest ID:	006032821FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.003

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130830
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006032821FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0755
Waste Quantity:	151
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130830
Creation Date:	1/17/2014 22:15:06
Receipt Date:	20130911
Manifest ID:	006032822FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Shipment Date:	20130830
Creation Date:	1/11/2014 22:15:06
Receipt Date:	20130906
Manifest ID:	006032821FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130830
Creation Date:	1/11/2014 22:15:06
Receipt Date:	20130906
Manifest ID:	006032821FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0085
Waste Quantity:	17
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130830
Creation Date:	1/11/2014 22:15:06
Receipt Date:	20130906
Manifest ID:	006032821FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130830
Creation Date:	3/3/2014 22:15:27
Receipt Date:	20131011
Manifest ID:	006032820FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.028
Waste Quantity:	56
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130823
Creation Date:	2/12/2014 22:15:06
Receipt Date:	20130826
Manifest ID:	006032769FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAL000368674
TSDF Alt Name:	AMBRY GENETICS
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D001
Meth Code:	- Not reported

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2012
Gen EPA ID:	CAL000368674
Shipment Date:	20121116
Creation Date:	5/21/2013 22:15:06
Receipt Date:	20130101
Manifest ID:	005089720FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.023
Waste Quantity:	46
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121102
Creation Date:	1/6/2013 22:15:16
Receipt Date:	20121112
Manifest ID:	005089604FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.064
Waste Quantity:	128
Quantity Unit:	P
Additional Code 1:	Not reported

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121019
Creation Date:	12/28/2012 22:15:08
Receipt Date:	20121026
Manifest ID:	005090319FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0475
Waste Quantity:	95
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121019
Creation Date:	12/28/2012 22:15:08
Receipt Date:	20121026
Manifest ID:	005090319FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1218
Waste Quantity:	29
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121002
Creation Date:	11/28/2012 22:15:34

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Receipt Date:	20121005
Manifest ID:	005090249FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.157
Waste Quantity:	314
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121002
Creation Date:	11/28/2012 22:15:34
Receipt Date:	20121005
Manifest ID:	005090249FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.147
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120814
Creation Date:	10/10/2012 22:15:09
Receipt Date:	20120817
Manifest ID:	005089965FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.189
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120814
Creation Date:	10/10/2012 22:15:09
Receipt Date:	20120817
Manifest ID:	005089965FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1915
Waste Quantity:	383
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120612
Creation Date:	12/11/2012 22:16:18
Receipt Date:	20120710
Manifest ID:	004522692FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS (ARAGONITE)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0305

AMBRY GENETICS CORPROATION (Continued) **S113800227**

Waste Quantity:	61
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120612
Creation Date:	9/17/2012 22:15:18
Receipt Date:	20120621
Manifest ID:	005166144FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

A7 **AMBRY GENETICS CORP** **HWTS** **S118938990**
Target **15 ARGONAUT** **HAZNET** **N/A**
Property **ALISO VIEJO, CA 92656**

Site 7 of 10 in cluster A

Actual: **453 ft.**

HWTS:

Name:	AMBRY GENETICS CORP
Address:	15 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAR000222810
Inactive Date:	11/07/2017
Create Date:	12/21/2011
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	15 ARGONAUT
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ALISO VIEJO, CA 92656
Owner Name:	AMBRY GENETICS CORPORATION
Owner Address:	15 ARGONAUT
Owner Address 2:	Not reported
Owner City,State,Zip:	ALISO VIEJO, CA 92656
Owner Phone:	Not reported
Owner Fax:	Not reported

AMBRY GENETICS CORP (Continued) **S118938990**

Contact Name:	SCOTT DAWSON
Contact Address:	15 ARGONAUT
Contact Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	33.594094
Longitude:	-117.727699

NAICS:

EPA ID:	CAR000222810
Create Date:	2015-04-29 11:25:43.610
NAICS Code:	54171
NAICS Description:	Research and Development in the Physical, Engineering, and Life Sciences
Issued EPA ID Date:	2011-12-21 06:48:07.99700
Inactive Date:	2017-11-07 00:00:00
Facility Name:	AMBRY GENETICS CORP
Facility Address:	15 ARGONAUT
Facility Address 2:	Not reported
Facility City:	ALISO VIEJO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	926560000

Name:	AMBRY GENETICS CORP
Address:	15 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAL000376361
Inactive Date:	Not reported
Create Date:	07/16/2012
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	15 ARGONAUT
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ALISO VIEJO, CA 926560000
Owner Name:	CHARLES DUNLOP
Owner Address:	15 ARGONAUT
Owner Address 2:	Not reported
Owner City,State,Zip:	ALISO VIEJO, CA 926560000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	CESAR VAZQUEZ
Contact Address:	15 ARGONAUT
Contact Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 926560000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	33.59388
Longitude:	-117.72721

AMBRY GENETICS CORP (Continued) **S118938990**

NAICS:

EPA ID:	CAL000376361
Create Date:	2012-07-16 11:44:22.423
NAICS Code:	621512
NAICS Description:	Diagnostic Imaging Centers
Issued EPA ID Date:	2012-07-16 11:44:22.41000
Inactive Date:	Not reported
Facility Name:	AMBRY GENETICS CORP
Facility Address:	15 ARGONAUT
Facility Address 2:	Not reported
Facility City:	ALISO VIEJO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	926560000

Name:	AMBRY GENETICS CORP
Address:	15 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAL000376362
Inactive Date:	Not reported
Create Date:	07/16/2012
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	15 ARGONAUT
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ALISO VIEJO, CA 926560000
Owner Name:	AMBRY GENETICS CORP
Owner Address:	15 ARGONAUT
Owner Address 2:	Not reported
Owner City,State,Zip:	ALISO VIEJO, CA 926560000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	BELINDA DIN
Contact Address:	15 ARGONAUT
Contact Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 926560000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	33.59388
Longitude:	-117.72721

NAICS:

EPA ID:	CAL000376362
Create Date:	2012-07-16 11:52:57.840
NAICS Code:	621511
NAICS Description:	Medical Laboratories
Issued EPA ID Date:	2012-07-16 11:52:57.84000
Inactive Date:	Not reported
Facility Name:	AMBRY GENETICS CORP
Facility Address:	15 ARGONAUT
Facility Address 2:	Not reported
Facility City:	ALISO VIEJO

AMBRY GENETICS CORP (Continued) **S118938990**

Facility County: Not reported
Facility State: CA
Facility Zip: 926560000

HAZNET:
Name: AMBRY GENETICS CORP
Address: 15 ARGONAUT
Address 2: Not reported
City,State,Zip: ALISO VIEJO, CA 926560000
Contact: MARISSA TRACY
Telephone: 9499005540
Mailing Name: Not reported
Mailing Address: 15 ARGONAUT

Year: 2017
Gepaid: CAR000222810
TSD EPA ID: NMD002208627
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.006

Year: 2017
Gepaid: CAR000222810
TSD EPA ID: NMD002208627
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.028

Year: 2017
Gepaid: CAR000222810
TSD EPA ID: NED981723513
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.102

Year: 2017
Gepaid: CAR000222810
TSD EPA ID: CAD982444481
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.525

Year: 2017
Gepaid: CAR000222810
TSD EPA ID: NED981723513
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.029

Year: 2017
Gepaid: CAR000222810
TSD EPA ID: NED981723513
CA Waste Code: 343 - Unspecified organic liquid mixture

AMBRY GENETICS CORP (Continued) **S118938990**

Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.035

Year: 2017
Gepaid: CAR000222810
TSD EPA ID: NMD002208627
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.413

Year: 2017
Gepaid: CAR000222810
TSD EPA ID: NMD002208627
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.048

Year: 2016
Gepaid: CAR000222810
TSD EPA ID: NED981723513
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.1685

Year: 2016
Gepaid: CAR000222810
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.051

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

Additional Information:
Year: 2017
Gen EPA ID: CAR000222810

Shipment Date: 20170915
Creation Date: 5/30/2018 18:32:32
Receipt Date: 20170921
Manifest ID: 010441629FLE
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

AMBRY GENETICS CORP (Continued) **S118938990**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170915
Creation Date:	10/11/2018 18:31:58
Receipt Date:	20170928
Manifest ID:	010441628FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC (KP)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F003
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0475
Waste Quantity:	95
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170915
Creation Date:	7/17/2018 18:30:28
Receipt Date:	20170929
Manifest ID:	010441627FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0325
Waste Quantity:	65
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

AMBRY GENETICS CORP (Continued) **S118938990**

Additional Code 5:	Not reported
Shipment Date:	20170915
Creation Date:	7/17/2018 18:30:28
Receipt Date:	20170929
Manifest ID:	010441627FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170901
Creation Date:	6/20/2018 18:32:00
Receipt Date:	20170908
Manifest ID:	010441522FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170811
Creation Date:	5/31/2018 18:30:25
Receipt Date:	20170817
Manifest ID:	010395386FLE
Trans EPA ID:	CAR000070540

AMBRY GENETICS CORP (Continued) **S118938990**

Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170811
Creation Date:	9/27/2018 18:30:17
Receipt Date:	20170825
Manifest ID:	010395385FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC (KP)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F003
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0485
Waste Quantity:	97
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170811
Creation Date:	8/3/2018 18:30:14
Receipt Date:	20170821
Manifest ID:	010395384FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution

AMBRY GENETICS CORP (Continued) **S118938990**

RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170811
Creation Date:	8/3/2018 18:30:14
Receipt Date:	20170821
Manifest ID:	010395384FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.014
Waste Quantity:	28
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170714
Creation Date:	7/19/2018 18:30:11
Receipt Date:	20170726
Manifest ID:	010395160FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.019
Waste Quantity:	38
Quantity Unit:	P
Additional Code 1:	Not reported

AMBRY GENETICS CORP (Continued) **S118938990**

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

Additional Information:
Year: 2016
Gen EPA ID: CAR000222810

Shipment Date: 20151231
Creation Date: 10/17/2016 18:31:58
Receipt Date: 20160201
Manifest ID: 008892972FLE
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151231
Creation Date: 10/17/2016 18:31:58
Receipt Date: 20160201
Manifest ID: 008892972FLE
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.0405
Waste Quantity: 81
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

AMBRY GENETICS CORP (Continued) **S118938990**

Shipment Date:	20151229
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160201
Manifest ID:	008892958FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0395
Waste Quantity:	79
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151229
Creation Date:	10/18/2016 18:31:25
Receipt Date:	20160111
Manifest ID:	008892957FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151229
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160201
Manifest ID:	008892958FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS

AMBRY GENETICS CORP (Continued) **S118938990**

TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.042
Waste Quantity:	84
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151229
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160201
Manifest ID:	008892958FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0195
Waste Quantity:	39
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151229
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160201
Manifest ID:	008892958FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0275
Waste Quantity:	55

AMBRY GENETICS CORP (Continued) **S118938990**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151224
Creation Date:	9/30/2016 18:31:31
Receipt Date:	20160203
Manifest ID:	008892925FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERV
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0565
Waste Quantity:	113
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151224
Creation Date:	9/30/2016 18:31:31
Receipt Date:	20160203
Manifest ID:	008892925FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERV
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151224
Creation Date:	3/4/2016 22:15:32

AMBRY GENETICS CORP (Continued) **S118938990**

Receipt Date:	20151230
Manifest ID:	008892926FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2015
Gen EPA ID:	CAR000222810
Shipment Date:	20151231
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160201
Manifest ID:	008892972FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151231
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160201
Manifest ID:	008892972FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)

AMBRY GENETICS CORP (Continued) **S118938990**

Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.0405
Waste Quantity:	81
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151229
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160201
Manifest ID:	008892958FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0395
Waste Quantity:	79
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151229
Creation Date:	10/18/2016 18:31:25
Receipt Date:	20160111
Manifest ID:	008892957FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

AMBRY GENETICS CORP (Continued) **S118938990**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151229
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160201
Manifest ID:	008892958FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.042
Waste Quantity:	84
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151229
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160201
Manifest ID:	008892958FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0195
Waste Quantity:	39
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

AMBRY GENETICS CORP (Continued) **S118938990**

Shipment Date:	20151229
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160201
Manifest ID:	008892958FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151224
Creation Date:	9/30/2016 18:31:31
Receipt Date:	20160203
Manifest ID:	008892925FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERV
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0565
Waste Quantity:	113
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151224
Creation Date:	9/30/2016 18:31:31
Receipt Date:	20160203
Manifest ID:	008892925FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERV
TSDF EPA ID:	UTD981552177

AMBRY GENETICS CORP (Continued) **S118938990**

Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151224
Creation Date:	3/4/2016 22:15:32
Receipt Date:	20151230
Manifest ID:	008892926FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

A8 **1X KAMINARI** **HWTS** **S124536201**
Target **15 ARGONAUT STREET** **N/A**
Property **ALISO VIE JO, CA 92656**

Site 8 of 10 in cluster A

Actual: **453 ft.**

HWTS:

Name:	1X KAMINARI
Address:	15 ARGONAUT STREET
Address 2:	Not reported
City,State,Zip:	ALISO VIE JO, CA 92656
EPA ID:	CAC000646640
Inactive Date:	10/25/2000
Create Date:	10/16/1991
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	15 ARGONAUT STREET
Mailing Address 2:	Not reported

1X KAMINARI (Continued) **S124536201**

Mailing City,State,Zip:	ALISO VIE JO, CA 925650000
Owner Name:	MR JAN CUTTLER
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	RICH BRADY/SALE MAN
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	33.593548
Longitude:	-117.726326

A9 **GREEN CO SERVICES LLC** **HWTS** **S112975587**
Target **15 ARGONAUT** **HAZNET** **N/A**
Property **ALISO VIEJO, CA 92656**

Site 9 of 10 in cluster A

Actual:
453 ft.

HWTS:

Name:	GREEN CO SERVICES LLC
Address:	15 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAC002638779
Inactive Date:	07/28/2009
Create Date:	01/28/2009
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	15 ARGONAUT
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ALISO VIEJO, CA 926561423
Owner Name:	GREEN CO SERVICES LLC
Owner Address:	15 ARGONAUT
Owner Address 2:	Not reported
Owner City,State,Zip:	ALISO VIEJO, CA 926561423
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	MARK MISCIONE
Contact Address:	15 ARGONAUT
Contact Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 926561423
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	33.593639
Longitude:	-117.726375

HAZNET:

GREEN CO SERVICES LLC (Continued) **S112975587**

Name:	GREEN CO SERVICES LLC
Address:	15 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 926561423
Contact:	MARK MISCIONE
Telephone:	9493051646
Mailing Name:	Not reported
Mailing Address:	15 ARGONAUT
Year:	2009
Gepaid:	CAC002638779
TSD EPA ID:	CAD028409019
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.18
Year:	2009
Gepaid:	CAC002638779
TSD EPA ID:	CAD028409019
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.3465

Additional Information:

Year:	2009
Gen EPA ID:	CAC002638779
Shipment Date:	20090428
Creation Date:	6/4/2009 18:30:08
Receipt Date:	20090506
Manifest ID:	005428387JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D008
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090312
Creation Date:	4/15/2009 18:30:09
Receipt Date:	20090318
Manifest ID:	005430954JJK
Trans EPA ID:	CAR000172460

GREEN CO SERVICES LLC (Continued) **S112975587**

Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090213
Creation Date:	4/8/2009 18:30:46
Receipt Date:	20090218
Manifest ID:	005387363JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

A10 **AMBRY GENETICS CORP** **FINDS 1015867398**
Target **15 ARGONAUT** **ECHO N/A**
Property **ALISO VIEJO, CA 92656**

Site 10 of 10 in cluster A

Actual:
453 ft.

FINDS:
Registry ID: 110044804218

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is

AMBRY GENETICS CORP (Continued) **1015867398**

used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1015867398
Registry ID: 110044804218

DFR URL:
Name: AMBRY GENETICS CORP
Address: 15 Argonaut
City,State,Zip: ALISO VIEJO, CA 92656

B11 **HUNTER GRAPHICS INC** **RCRA-SQG** **1000401505**
SE **21 ARGONAUT** **FINDS** **CAD982509853**
< 1/8 **ALISO VIEJO, CA 92656** **ECHO**
0.016 mi.
86 ft. **Site 1 of 7 in cluster B**

Relative:
Higher

Actual:
459 ft.

RCRA Listings:

Date Form Received by Agency:	19891114
Handler Name:	Hunter Graphics Inc
Handler Address:	Argonaut
Handler City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAD982509853
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	21 ARGONAUT
Contact City,State,Zip:	ALISO VIEJO, CA 92656
Contact Telephone:	714-768-1899
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Federal
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ca
State District:	4
Mailing Address:	ARGONAUT
Mailing City,State,Zip:	ALISO VIEJO, CA 92656
Owner Name: Alex Hunter	
Owner Type:	Private
Operator Name: Not Required	
Operator Type:	Federal
Short-Term Generator Activity:	No
Importer Activity:	No

HUNTER GRAPHICS INC (Continued) **1000401505**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: ALEX HUNTER	
Legal Status:	Private
Date Became Current:	Not reported

HUNTER GRAPHICS INC (Continued) **1000401505**

Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19891114
Handler Name: HUNTER GRAPHICS INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110002837306

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Registry ID: 110071391687

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

HUNTER GRAPHICS INC (Continued) **1000401505**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000401505
Registry ID: 110002837306

DFR URL:
Name: HUNTER GRAPHICS INC
Address: 21 Argonaut
City,State,Zip: ALISO VIEJO, CA 92656

B12 **MOBILE TECH INC** **EDR Hist Auto** **1021596172**
SE **21 ARGONAUT** **N/A**
< 1/8 **ALISO VIEJO, CA 92656**
0.016 mi.
86 ft. **Site 2 of 7 in cluster B**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
459 ft. 2008 MOBILE TECH INC Gasoline Service Stations, NEC

B13 **HALO CLINICAL LAB INC** **RCRA NonGen / NLR** **1027701467**
SE **21 ARGONAUT STE B** **E MANIFEST** **CAL000478070**
< 1/8 **ALISO VIEJO, CA 92656**
0.016 mi.
86 ft. **Site 3 of 7 in cluster B**

Relative: RCRA Listings:
Higher
Date Form Received by Agency: 20230517
Actual: Handler Name: Halo Clinical Lab Inc
459 ft. Handler Address: 21 Argonaut Ste B
Handler City,State,Zip: ALISO VIEJO, CA 92656
EPA ID: CAL000478070
Contact Name: LONY LIM
Contact Address: 21 ARGONAUT STE B
Contact City,State,Zip: ALISO VIEJO, CA 92656
Contact Telephone: 949-648-6754
Contact Fax: Not reported
Contact Email: LONY.LIM@HALODX.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 21 ARGONAUT STE B
Mailing City,State,Zip: ALISO VIEJO, CA 92656
Owner Name: Halo Clinal Lab Inc
Owner Type: Other
Operator Name: Lony Lim

HALO CLINICAL LAB INC (Continued) **1027701467**

Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230612
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: HALO CLINAL LAB INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21 ARGONAUT UNIT B
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	760-275-7919
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

HALO CLINICAL LAB INC (Continued) **1027701467**

Owner/Operator Name: LONY LIM
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 21 ARGONAUT STE B
Owner/Operator City,State,Zip: ALISO VIEJO, CA 92656
Owner/Operator Telephone: 949-648-6754
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20230517
Handler Name: HALO CLINICAL LAB INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 621512
NAICS Description: Diagnostic Imaging Centers

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:
Manifest Tracking Number: 025661447JJK
Last Updated Date: 20241029
Shipped Date: 20240917
Received Date: 20240919
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Web
Generator EPA ID: CAL000478070
Generator Name: Halo Clinical Lab Inc
Generator Location Street Number: Not reported
Generator Location Street 1: 21 ARGONAUT STE B
Generator Location Street 2: Not reported
Generator Location City: ALISO VIEJO
Generator Location State: CA
Generator Location Zip: 92656
Generator Mail Street Number: Not reported
Generator Mail Street 1: 21 ARGONAUT STE B
Generator Mail Street 2: Not reported

HALO CLINICAL LAB INC (Continued) **1027701467**

Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery Services Inc
Designated Facility Mail Street Number:	3150
Designated Facility Mail Street 1:	CA90023 CA037US 3150
Designated Facility Mail Street 2:	EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	3150
Designated Facility Location Street 1:	EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	025661499JJK
Last Updated Date:	20240806
Shipped Date:	20240620
Received Date:	20240627
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000478070
Generator Name:	Halo Clinical Lab Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	21 ARGONAUT STE B
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	21 ARGONAUT STE B
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery Services Inc
Designated Facility Mail Street Number:	3150
Designated Facility Mail Street 1:	CA90023 CA037US 3150
Designated Facility Mail Street 2:	EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	3150
Designated Facility Location Street 1:	EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023-0000

HALO CLINICAL LAB INC (Continued) **1027701467**

Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	100090220ELC
Last Updated Date:	20231214
Shipped Date:	20231213
Received Date:	20231214
Manifest Status:	Signed
Submission Type:	Hybrid
Origin Type:	Web
Generator EPA ID:	CAL000478070
Generator Name:	Halo Clinical Lab Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	21 ARGONAUT STE B
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	21 ARGONAUT STE B
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery Services Inc
Designated Facility Mail Street Number:	3150
Designated Facility Mail Street 1:	CA90023 CA037US 3150
Designated Facility Mail Street 2:	EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	3150
Designated Facility Location Street 1:	EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	100090220ELC
Transporter Line Number:	1
Transporter EPA ID:	CAD982431785
Transporter Name:	Efficient X Ray Inc

Waste Line:

Manifest Tracking Number:	100090220ELC
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported

HALO CLINICAL LAB INC (Continued) **1027701467**

U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non Rcra Hazardous Waste Liquid (Neutral Buffered Formamide)
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	30
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.12510425
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.12510425
Waste Quantity, in Kilograms:	113.47331
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	113.47331
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	Not reported
Quantity Haz Tons:	Not reported
Quantity Non Haz Kg:	113.47331
Quantity Non Haz Tons:	0.12510425
State Waste Codes:	CA-551

B14 **HALO CLINICAL LAB, INC** **RCRA NonGen / NLR** **1027522871**
SE **21 ARGONAUT** **CAC003215244**
< 1/8 **ALISO VIEJO, CA 92656**
0.016 mi.
86 ft. **Site 4 of 7 in cluster B**

Relative: **Higher**

Actual: **459 ft.**

RCRA Listings:

Date Form Received by Agency:	20230131
Handler Name:	Halo Clinical Lab, Inc
Handler Address:	21 Argonaut
Handler City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAC003215244
Contact Name:	LONY LIM
Contact Address:	21 ARGONAUT
Contact City,State,Zip:	ALISO VIEJO, CA 92656
Contact Telephone:	949-648-6754
Contact Fax:	Not reported
Contact Email:	LONY.LIM@HALODX.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported

HALO CLINICAL LAB, INC (Continued) **1027522871**

Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		21 ARGONAUT
Mailing City,State,Zip:		ALISO VIEJO, CA 92656
Owner Name:	John Feller, M.D.	
Owner Type:		Other
Operator Name:	Lony Lim	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20230203
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Handler - Owner Operator:
Owner/Operator Indicator: Owner

HALO CLINICAL LAB, INC (Continued) **1027522871**

Owner/Operator Name: JOHN FELLER, M.D.
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 74785 HWY 111 STE 101
Owner/Operator City,State,Zip: INDIAN WELLS, CA 92210
Owner/Operator Telephone: 760-275-7919
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LONY LIM
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 21 ARGONAUT
Owner/Operator City,State,Zip: ALISO VIEJO, CA 92656
Owner/Operator Telephone: 949-648-6754
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20230131
Handler Name: HALO CLINICAL LAB, INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 621511
NAICS Description: Medical Laboratories

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C15
SW
< 1/8
0.020 mi.
106 ft.

Relative: Higher

Actual: 485 ft.

CHEVRON PRODUCTS COMPANY
23022 ALISO CREEK ROAD
ALISO VIEJO, CA 92656

Site 1 of 7 in cluster C

Database(s): RCRA-SQG, SWEEPS UST, CA FID UST, FINDS, ECHO, E MANIFEST

EDR ID Number: 1000686467
EPA ID Number: CAD983637851

RCRA Listings:

Date Form Received by Agency:		20240828
Handler Name:		Chevron 200913
Handler Address:		Aliso Creek Rd
Handler City,State,Zip:		ALISO VIEJO, CA 92656
EPA ID:		CAD983637851
Contact Name:		MICHELLE FRENGS
Contact Address:		PO BOX 6004
Contact City,State,Zip:		SAN RAMON, CA 94583
Contact Telephone:		877-386-6044
Contact Fax:		Not reported
Contact Email:		NAWTDESK@CHEVRON.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		ALISO CREEK RD
Mailing City,State,Zip:		ALISO VIEJO, CA 92656
Owner Name:	Chevron Usa Inc	
Owner Type:		Private
Operator Name:	Chevron Usa Inc	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20240920
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D018
Waste Description: Benzene

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: CHEVRON USA INC	
Legal Status:	Private
Date Became Current:	19900614
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: CHEVRON PRODUCTS CO.	
Legal Status:	Private
Date Became Current:	19900614
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

Owner/Operator Indicator:	Operator
Owner/Operator Name: CHEVRON STATIONS INC.	
Legal Status:	Private
Date Became Current:	19900614
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: CHEVRON USA INC	
Legal Status:	Private
Date Became Current:	19900614
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: CHEVRON USA INC	
Legal Status:	Private
Date Became Current:	19900614
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	NAWTDESK@CHEVRON.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name: CHEVRON USA INC	
Legal Status:	Private
Date Became Current:	19900614
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	NAWTDESK@CHEVRON.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name: CHEVRON PRODUCTS COMPANY	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20140301
Handler Name: CHEVRON 200913
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020617
Handler Name: CHEVRON STATION NO 200913
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20240828
Handler Name: CHEVRON 200913
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20040223
Handler Name: CHEVRON 200913
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

List of NAICS Codes and Descriptions:
NAICS Code: 44711
NAICS Description: Gasoline Stations With Convenience Stores

NAICS Code: 45711
NAICS Description: Gasoline Stations With Convenience Stores

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SWEEPS UST:
Name: CHEVRON
Address: 23022 ALISO CREEK RD
City: ALISO VIEJO
Status: Active
Comp Number: 12182
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-012182-000001
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Name: CHEVRON
Address: 23022 ALISO CREEK RD
City: ALISO VIEJO
Status: Active
Comp Number: 12182
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-012182-000002
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

Name:	CHEVRON
Address:	23022 ALISO CREEK RD
City:	ALISO VIEJO
Status:	Active
Comp Number:	12182
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-012182-000003
Tank Status:	A
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	30010575
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	1300 S BCH BLVD / P O BOX 2
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ALISO VIEJO 92656
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

FINDS:

Registry ID: 110002877245

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
California's Hazardous Waste Tracking System Data Mart (HWTS-DATAMART) provides information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

ECHO:

Envid:	1000686467
Registry ID:	110002877245
DFR URL:	
Name:	CHEVRON 200913
Address:	23022 Aliso Creek Rd
City,State,Zip:	ALISO VIEJO, CA 92656

E MANIFEST:

Manifest Tracking Number:	012312821FLE
Last Updated Date:	20190827
Shipped Date:	20190325
Received Date:	20190408
Manifest Status:	Corrected
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983637851
Generator Name:	Chevron Products Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	23022 ALISO CREEK ROAD
Generator Location Street 2:	Chevron #200913
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO Box 6004
Generator Mail Street 2:	Not reported
Generator Mail City:	San Ramon
Generator Mail Zip:	94583
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1737 East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1737 East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	017802531FLE
Last Updated Date:	20230123
Shipped Date:	20221217
Received Date:	20230103
Manifest Status:	Signed
Submission Type:	DataImage5Copy

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

Origin Type:	Service
Generator EPA ID:	CAD983637851
Generator Name:	Chevron Products Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	23022 ALISO CREEK ROAD
Generator Location Street 2:	Chevron #200913
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO Box 6004
Generator Mail Street 2:	Not reported
Generator Mail City:	San Ramon
Generator Mail Zip:	94583
Generator Mail State:	CA
Generator Contact Company Name:	Chevron Products Company
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1737 East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1737 East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	016320056FLE
Last Updated Date:	20211026
Shipped Date:	20210915
Received Date:	20210929
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983637851
Generator Name:	Chevron Products Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	23022 ALISO CREEK ROAD
Generator Location Street 2:	Chevron #200913
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO Box 6004
Generator Mail Street 2:	Not reported
Generator Mail City:	San Ramon
Generator Mail Zip:	94583
Generator Mail State:	CA
Generator Contact Company Name:	Chevron Products Company
Designated Facility EPA ID:	CAD044429835

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1737 East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1737 East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	014194019FLE
Last Updated Date:	20200716
Shipped Date:	20200616
Received Date:	20200626
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983637851
Generator Name:	Chevron Products Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	23022 ALISO CREEK ROAD
Generator Location Street 2:	Chevron #200913
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO Box 6004
Generator Mail Street 2:	Not reported
Generator Mail City:	San Ramon
Generator Mail Zip:	94583
Generator Mail State:	CA
Generator Contact Company Name:	Chevron Products Company
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1737 East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1737 East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

Manifest Tracking Number:	013213187FLE
Last Updated Date:	20190827
Shipped Date:	20190717
Received Date:	20190729
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983637851
Generator Name:	Chevron Products Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	23022 ALISO CREEK ROAD
Generator Location Street 2:	Chevron #200913
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO Box 6004
Generator Mail Street 2:	Not reported
Generator Mail City:	San Ramon
Generator Mail Zip:	94583
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1737 East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1737 East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	015766835FLE
Last Updated Date:	20210526
Shipped Date:	20210422
Received Date:	20210506
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983637851
Generator Name:	Chevron Products Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	23022 ALISO CREEK ROAD
Generator Location Street 2:	Chevron #200913
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO Box 6004

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

Generator Mail Street 2:	Not reported
Generator Mail City:	San Ramon
Generator Mail Zip:	94583
Generator Mail State:	CA
Generator Contact Company Name:	Chevron Products Company
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1737 East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1737 East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019176779FLE
Last Updated Date:	20240304
Shipped Date:	20240205
Received Date:	20240207
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983637851
Generator Name:	Chevron Products Company 200913
Generator Location Street Number:	23022
Generator Location Street 1:	23022 ALISO CREEK ROAD
Generator Location Street 2:	Chevron #200913
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	23022
Generator Mail Street 1:	PO Box 6004
Generator Mail Street 2:	Chevron #200913
Generator Mail City:	San Ramon
Generator Mail Zip:	94583
Generator Mail State:	CA
Generator Contact Company Name:	Chevron Products Company 200913
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	1737
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1737
Designated Facility Location Street 1:	East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018703464FLE
Last Updated Date:	20231030
Shipped Date:	20231006
Received Date:	20231009
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983637851
Generator Name:	Chevron Products Company 200913
Generator Location Street Number:	23022
Generator Location Street 1:	23022 ALISO CREEK ROAD
Generator Location Street 2:	Chevron #200913
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	23022
Generator Mail Street 1:	PO Box 6004
Generator Mail Street 2:	Chevron #200913
Generator Mail City:	San Ramon
Generator Mail Zip:	94583
Generator Mail State:	CA
Generator Contact Company Name:	Chevron Products Company 200913
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	1737
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1737
Designated Facility Location Street 1:	East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	012243471FLE
Last Updated Date:	20181126
Shipped Date:	20181008
Received Date:	20181022
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983637851
Generator Name:	Chevron Products Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	23022 ALISO CREEK ROAD

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

Generator Location Street 2:	Chevron #200913
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO Box 6004
Generator Mail Street 2:	Not reported
Generator Mail City:	San Ramon
Generator Mail Zip:	94583
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1737 East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1737 East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	013530616FLE
Last Updated Date:	20190916
Shipped Date:	20190806
Received Date:	20190819
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983637851
Generator Name:	Chevron Products Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	23022 ALISO CREEK ROAD
Generator Location Street 2:	Chevron #200913
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO Box 6004
Generator Mail Street 2:	Not reported
Generator Mail City:	San Ramon
Generator Mail Zip:	94583
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1737 East Denni Street
Designated Facility Mail City:	Wilmington

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1737 East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019488618FLE
Last Updated Date:	20240501
Shipped Date:	20240329
Received Date:	20240403
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983637851
Generator Name:	Chevron Products Company 200913
Generator Location Street Number:	23022
Generator Location Street 1:	23022 ALISO CREEK ROAD
Generator Location Street 2:	Chevron #200913
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	23022
Generator Mail Street 1:	PO Box 6004
Generator Mail Street 2:	Chevron #200913
Generator Mail City:	San Ramon
Generator Mail Zip:	94583
Generator Mail State:	CA
Generator Contact Company Name:	Chevron Products Company 200913
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	1737
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1737
Designated Facility Location Street 1:	East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	019097553FLE
Transporter Line Number:	1
Transporter EPA ID:	MAD039322250
Transporter Name:	Clean Harbors Environmental Services, Inc.

CHEVRON PRODUCTS COMPANY (Continued) **1000686467**

Waste Line:

Manifest Tracking Number:	019097553FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	NA3077
U.S. DOT Description:	Na3077, Hazardous Waste, Solid, N.O.S. (Gasoline, Benzene), 9, Pg Iii, (Spill Pads)
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	80
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.04
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.04
Waste Quantity, in Kilograms:	36.2812
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	36.2812
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D018
Quantity Haz Kg:	36.2812
Quantity Haz Tons:	0.04
Quantity Non Haz Kg:	Not reported
Quantity Non Haz Tons:	Not reported
State Waste Codes:	CA-352

Click this hyperlink while viewing on your computer to access
9 additional US EManifest: record(s) in the EDR Site Report.

C16 **CHEVRON # 0200913** **UST** **U004344178**
SW **23022 ALISO CREEK RD** **N/A**
< 1/8 **ALISO VIEJO, CA 92656**
0.020 mi.
106 ft. **Site 2 of 7 in cluster C**

Relative:
Higher

Actual:
485 ft.

UST:

Name:	CHEVRON # 0200913
Address:	23022 ALISO CREEK RD
City,State,Zip:	ALISO VIEJO, CA 92656
Facility ID:	12182

CHEVRON # 0200913 (Continued) **U004344178**

Permitting Agency:	ORANGE COUNTY
CERSID:	Not reported
Latitude:	33.5940106
Longitude:	-117.7269038
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

C17 **CHEVRON STATION #200913/1404** **UST FINDER** **1028190943**
SW **23022 ALISO CREEK RD** **N/A**
< 1/8 **ALISO VIEJO, CA 92656**
0.020 mi.
106 ft. **Site 3 of 7 in cluster C**

Relative:
Higher

Actual:
485 ft.

UST FINDER:

Object ID:	735174
Facility ID:	CA10441546
Name:	CHEVRON STATION #200913/1404
Address:	23022 ALISO CREEK RD
City,State,Zip:	ALISO VIEJO, CA 92656
Address Match Type:	PointAddress
Open USTs:	3
Closed USTs:	Not reported
TOS USTs:	Not reported
Population 1500ft:	353

CHEVRON STATION #200913/1404 (Continued) **1028190943**

Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	Not reported
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Not reported
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	9
Tribe:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.728512985
Y Coord:	33.5928980040001
Latitude:	33.5928980044987
Longitude:	-117.728512984574

UST FINDER:

Object ID:	2269855
Facility ID:	CA10441546
Tank ID:	CA10441546-001_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	2004/06/22 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	20000
Substances:	Regular Unleaded
Tank Wall Type:	Double Wall

Object ID:	2269856
Facility ID:	CA10441546
Tank ID:	CA10441546-002_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	2004/06/22 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	15000
Substances:	Premium Unleaded
Tank Wall Type:	Double Wall

Object ID:	2269857
Facility ID:	CA10441546
Tank ID:	CA10441546-003_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	2016/05/13 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	10000
Substances:	Diesel
Tank Wall Type:	Double Wall

C18
SW
< 1/8
0.020 mi.
106 ft.

CHEVRON # 0200913
23022 ALISO CREEK
ALISO VIEJO, CA 92656

Site 4 of 7 in cluster C

UST **U003938660**
N/A

Relative:
Higher

Actual:
485 ft.

ORANGE CO. UST:

Name:	CHEVRON # 0200913
Address:	23022 ALISO CREEK
City,State,Zip:	ALISO VIEJO 92656
Facility ID:	FA0024729
SR Number:	Not reported
Permit Number:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	CHEVRON # 0200913
Address:	23022 ALISO CREEK RD
City,State,Zip:	ALISO VIEJO, CA 92656-1540
Facility ID:	FA0024729
SR Number:	Not reported
Permit Number:	PR0024578
Latitude:	33.593340
Longitude:	-117.728840

C19
SW
< 1/8
0.020 mi.
106 ft.

CHEVRON STATION #200913/1404
23022 ALISO CREEK RD
ALISO VIEJO, CA 92656

Site 5 of 7 in cluster C

CERS HAZ WASTE
CERS TANKS
CHMIRS
CERS
S123298347
N/A

Relative:
Higher

Actual:
485 ft.

CERS HAZ WASTE:

Name:	CHEVRON STATION #200913/1404
Address:	23022 ALISO CREEK RD
City,State,Zip:	ALISO VIEJO, CA 92656
Site ID:	104900
CERS ID:	10441546
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	CHEVRON STATION #200913/1404
Address:	23022 ALISO CREEK RD
City,State,Zip:	ALISO VIEJO, CA 92656
Site ID:	104900
CERS ID:	10441546
CERS Description:	Underground Storage Tank

CHMIRS:

Name:	Not reported
Address:	23022 ALISO CREEK RD
City,State,Zip:	ALISO VIEJO, CA 92656
OES Incident Number:	18-5178
OES notification:	07/31/2018
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Service Station
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1440
Year:	2018
Agency:	Chevron
Incident Date:	07/31/2018
Admin Agency:	Orange County Emergency Management Division
Amount:	Not reported
Contained:	Stopped,Contained
Site Type:	Not reported
E Date:	Not reported
Substance:	Gasoline
Quantity Released:	2
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Injuries: No
Fatals: No
Comments: Not reported
Description: Customer overfilled their vehicle and the automatic shutoff on the pump did not engage. Spilled approximately 2 gallons onto concrete. Spill was cleaned up by service station personnel. Not reported

CERS:
Name: CHEVRON STATION #200913/1404
Address: 23022 ALISO CREEK RD
City,State,Zip: ALISO VIEJO, CA 92656
Site ID: 104900
CERS ID: 10441546
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 104900
Site Name: Chevron Station #200913/1404
Violation Date: 05-17-2016
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes: Returned to compliance on 05/17/2016. 87 octane PLLD failed testing during the annual monitoring system certification. Leak detector was replaced and passed testing later that day
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 104900
Site Name: Chevron Station #200913/1404
Violation Date: 05-07-2014
Citation: HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description: Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.
Violation Notes: Returned to compliance on 05/18/2015. The following secondary components failed SB 989 testing performed on 4-28-14: UDCs 1/2, 3/4, 5/6, 7/8, 9/10, 11/12 & 13/14 and the vent termination sump. According to the report, entry fittings are dried out and cracked. Address situation and submit modification plans to Health Care Agency within 30 days.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 104900
Site Name: Chevron Station #200913/1404
Violation Date: 07-05-2016
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Violation Description: Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes: Returned to compliance on 07/05/2016. Diesel turbine sump sensor failed testing. Sensor was replaced and successfully tested. Abated violation I504
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 08-05-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted submittal. Tank sump sensors were changed from Veeder-Root 208s to 209s.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-23-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site for a modification inspection. Alan Evans of Wayne Perry on site. Current ICC (service technician and retro fitting) certifications provided. Current Bravo certification also provided. Piping penetration fittings have been replaced in all nine UDCs and in the vent termination sump. Secondary testing to be performed on this date Witnessed first 15 minute testing on UDCs 9/10, 11/12, 13/14 & 15/16. All four passed. * Send the complete testing results to Health Care Agency
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-17-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received secondary containment testing report for all UDCs and the vent sump. All passed. Violations previously deleted. SR0124107 closed.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-18-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received report for spill bucket retesting performed on 7-3-13. Regular (87) spill bucket passed (Tanknology). Deleted violation TM05. No violations noted at this time.
Eval Division: Orange County Environmental Health
Eval Program: UST

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-23-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Plan review. Call for modification status
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-11-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review of CERS this date accepted UST info. The SB989 post modification 6 month testing dated 11/29/2016 was reviewed. All lines, UDCs and sumps passed at that time.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-24-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Plan review and call to Greg Hohn regarding status. Said Chevron put the install on hold.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-14-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This Agency received the secondary containment test report for a test conducted 3/25/20. NOTE: 87 and 91 UST annulars hydrostatically monitored and diesel UST AB2481 compliant * Test failures noted below are in violation and must be repaired/replaced and re-tested (see violation) The following components were tested: 87 UST: PASS Vent piping run Fill sump FAIL Product piping run Piping/STP sump 91 UST PASS Vent piping run Fill sump FAIL Product piping run Piping/STP sump UDCs PASS 3/4 5/6 7/8 9/10 15/16 17/18 **TIED TO DIESEL UST** 1/2 11/12 13/14
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Eval General Type: Other/Unknown
Eval Date: 04-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification for 5-2
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-21-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-25-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Service request status as of this date: Hi Monica, The anniversary date for the plan approval is 5-11-16. If there are no changes to the scope of work, I can extend the plan check (permit) to the new tank set date (5-31-16). If the tank set gets delayed again we will need a new submittal (application/plans/fees). Lance Lance, The construction start date for this site has been delayed, new start date 05/09/2016. We anticipate setting the new tank 05/31/2016, please let me know if we need to extend our permit that will expire 05/11/2016. Thank You Monica Molinar Project Manager West Wind Consulting/Chevron Products Team 145 S. State College Blvd., Suite 500 Brea, CA 92821 714-671-3212 Office 714-671-3232 Fax 714-745-0415 Cell mmolinar@chevron.com From: Malis, Lance [mailto:LMalis@ochca.com] Sent: Monday, February 29, 2016 9:23 AM To: Molinar, Monica [West Wind] [Contractor] Subject: [**EXTERNAL**] RE: 200913 - 23022 Aliso Creek Rd., [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-27-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Amendment to plans submitted. Initial review and calls to Wayne Perry.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: emailed copy to Lisa Patrick Pfrang, Tanknology ICC- 8202676 VR A29052 3 tanks electronic PLLD sensors - 303 tanks/ sumps, udss 209/463
Eval Division: Orange County Environmental Health
Eval Program: UST

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Routine inspection conducted this date in regards to hazardous waste, consent to enter, inspect and take photographs was given by Lisawati Djojo, manager Hazardous waste containers on-site this date consisted of: solids and liquids contaminated with fuel The containers are in compliance with all applicable labeling requirements this date. Per records, employees receive Hazardous Waste Management Training on the job. Consolidated waste receipts/ manifests were reviewed this date. Hazardous Waste Emergency Response information and was posted. Inspected municipal trash dumpster and area, no apparent hazardous waste in this area. Perimeter of facility inspected, no water runoff or staining noted at this time. Discussed Hazardous Waste Program, Hazardous Materials Program, and Management of Universal Waste. E-mailed copy of report this date.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-03-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous materials and business emergency plan inspection. The cashier, provided consent to inspect. Observed the facility and inspected hazardous materials storage. The following materials were observed inamounts that meet or exceed the minimum volumes required for disclosure: CO2, gasoline, alkaline presoak 105, low pH Cleaner 203, biodiesel B20. Hazardous Materials disclosed in CERS 10441546 match what is reported on site. Employee training records were available and reviewed. Per California Health & Safety Code Ch. 6.95, businesses that store and handle hazardous materials at or over reportable quantities (55 gal of a liquid, 500 lbs of a solid, 200 cubic ft of a compressed gas) must prepare and implement an HMBP. The facility is responsible for identifying all hazardous materials, including hazardous wastes, which are at or above disclosure thresholds. If there is a change in the type of amount of chemicals that are maintained on site, please submit revised
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-07-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Received results for SB 989 testing performed on 4-28-14. Six of the eight UDCs, and the vent termination sump failed.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Eval Date: 05-11-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Certificate of financial responsibility (CFR) and designated operator (DO) notification updated/submitted in CERS. CFR valid through 4-30-17 DO notification dated 4-20-16 Accepted submittal.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-14-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This Agency received the monitoring system certification test report, site map, and spill bucket test report for a test conducted 5/12/2020. The following components PASSED testing: - Tank Annular Sensors (3) - STP Sump Sensors (3) - Fill Sump Sensors (3) - UDC Sensors (8) - Vacuum Sensors (3) - Fail Safe/Sensor Out - Spill Buckets Visual Test - Line Leak Detectors
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-17-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Received report for a UST system monitoring certification performed on 5-5-16. Violation I198 abated . All monitoring equipment operational per manufacturer’s specifications.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-18-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Fix violation status in EC (close > open for previously corrected violations)
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-30-2017
Violations Found: No

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed monitoring certification results for testing done on 5/2/2017. All components passed.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-30-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review of CERS. Review of test results for diesel tank install and disponser upgrade under SR0126102, all components passed Financial responcibility/CFO expires 4/20/2018 DO Jesus Lopez, exp 4/17/19
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspected perimeter of facility including the dumpster area. Permission to inspect and take necessary photos granted by Lisa Djojo. Hazardous waste properly stored, labeled and dated. Hazardous waste contingency plan available for review. Manifests for hazardous waste pickup reviewed on site. Employee training records kept on site and available for review. No violations noted at this time.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-04-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed submittal. The following modifications need to be made: Both gasoline disclosures should be listed as pure (gasoline has a CAS #). Mixture components box should then be blank. The mixture components box should be blank for the CO2 disclosure. The three disclosures listing 30 gallons as the maximum daily amount are below the disclosure requirement. Delete these chemicals from the disclosure. Propane has been removed from this facility. It also would not need to be disclosed because of the retail exemption. Delete propane from the disclosure. The site map appears to be acceptable. Re submit with modifications. * Emergency response and training plans accepted in CERS
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-15-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine compliance inspection. Steven Gallardo of Tank Tec currently performing a UST system monitoring certification.

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Current ICC, Veeder-Root and VMI certifications provided. Facility consists of tr\\hree USTs, nine UDCs and a vent termination sump. The tank annulars are brine filled. Tank annular sensors (303s) appear to be located at the proper position. The Six tank top sumps, nine UDcs and vent termination box were free of liquid. Sensors located at the low areas of secondary containment. The vent termination box has a 208 sensor. All other sumps and UDCs have 209 sensors. Reviewed designated operator (DO) inspection reports during the past 12 months. All documented alarms in the DO reports were followed up on. Corrective action documentation attached to the corresponding reports. UST training provided to all employees within the past year by the DO. Records available for review. Financial responsibility certification valid through [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received SB989 testing for 6 months post dispenser upgrade conducted on12/16/16. All product, vent, vapor and UDC's passed at that time.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-25-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989 test notification

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed SB989 dated 3/3/17. All portions requiring testing have passed. The diesel system is VPH so does not require testing.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-03-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct an Underground Storage Tank (UST) inspection and witness the annual monitoring system certification and spill bucket testing. Met with Matt Lipke, service technician with Tanknology. The site has the following double walled (DW) tanks: - 15k gallon (premium) - 10k gallon (biodiesel) - 20k gallon (regular unleaded) - nine UDCs The system is monitored by a Veeder Root TLS 350R system.

CHEVRON STATION #200913/1404 (Continued) **S123298347**

The monitor is operational for audible and visual alarms and the display reads "all functions normal." Sensors: Tank Annulars - VR303; Sumps - VR209; UDCs - VR208; Pipe Monitoring - VR208; Vent Sump: VR208 Sensors were observed at the lowest point. Sensor out and fail-safe were verified and passed. All sensors tested, were operational and passed. Leak detectors are PLLDs (electronic). Tanks utilizes flappers for overfill protection. Spill buckets were hydrostatically tested with no changes in water level. Testing was conducted by Matt Lipke with Tanknology. Technician certifications (I

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-13-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Plan check review and approval.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspected perimeter of facility including th dumpster area. Permission to inspect granted by the manager on duty. Hazardous waste properly stored, labeled and dated. Documentation for hazardous waste pickup available for review during the past three years. Emergency response/contingency plan complete, kept on site and available for review. Training provided to all nine employees within the past 12 months. No violations noted at this time.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Walked facility with the latest submitted hazardous material inventory and site map. Did not observe any additional hazardous material stored at or above disclosure threshold. Hazardous material containers appeared to be in satisfactory condition. No sign of leaking or previous releases. Locations for site map requirements were accurate. Business emergency plan complete and available for review. Training provided to all nine employees within the past 12 months. * Propane may be deleted from the hazardous material inventory. The propane stored on site falls under the retail exemption.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2021
Violations Found: No

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Eval Type: Routine done by local agency
Eval Notes: On site to witness monitoring system certification activities and to conduct routine UST inspection. Dilon Ratnayake granted consent to conduct inspection. Annulars are wet . Sensors shut down respective turbine at sensor out and high liquid level. Sump sensors alarmed properly (visual and audible) and shut down respective turbine when submerged in water. UDC sensors alarmed properly (visual and audible) and shut down all turbines when submerged in water. Dispensers with diesel also shut down diesel turbine. Vacuum sensors for diesel tank system were tested and passed. Fail-safe and sensor out were tested and passed. Line leak detectors were tested and passed. Spill buckets were tested by donut (vacuum) with no changes in pressure. Valid permit, designated operator documentation, monthly inspection reports with responses to alarms, monitoring plan, response plan, employee training records (maintained in Emergency Response Procedures binder), tank [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989 test notification for 3-30-17
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-22-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted submittal in CERS.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-26-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File purge.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2024
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine Hazardous Materials Business Plan (HMBP). Cashier, provided consent to inspect. Observed the following materials on site at reportable quantities: retail propane, diesel, unleaded gasoline, carbon dioxide, liquid pH cleaner, alkaline presoak cleanser. Hazardous Materials disclosed in CERS 10441546 match what is reported on site. Training was reported to be conducted. Inspection report

CHEVRON STATION #200913/1404 (Continued) **S123298347**

emailed permitdesk@chevron.com
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2024
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine small quantity hazardous waste inspection, The facility ashier, provided consent to inspect. The hazardous waste drum is properly labeled, dated and stored closed. Drums are stored in trash enclosure area. A perimeter walk was conducted. Municipal dumpster does not appear to contain any hazardous waste. Manifests were available and reviewed. Facility uses Clean Harbor to transport hazardous waste. Emergency response information is posted and employees are reported to be trained. Inspection report emailed permitdesk@chevron.com
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2024
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct an Underground Storage Tank (UST) inspection and witness the annual monitoring system certification and spill bucket testin, and overfill. Met with Francisco Castro, service technician with Tanknology. The site has the following double walled (DW) tanks: - 15k gallon (premium) - 10k gallon (biodiesel) - 20k gallon (regular unleaded) - nine UDCs The system is monitored by a Veeder Root TLS 350R system. The monitor is operational for audible and visual alarms and the display reads "all functions normal." Sensors: Tank Annulars - VR303; Sumps - VR209; UDCs - VR208; Pipe Monitoring - VR208; Vent Sump: VR208 Sensors were observed at the lowest point. Sensor out and fail-safe were verified and passed. All sensors tested, were operational and passed. Leak detectors are PLLDs (electronic). Tanks utilizes flappers for overfill protection. Spill buckets were hydrostatically tested with no changes in water level. Testing was conducted by Francisco Castro with Tanknology. Te
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted in CERS this date Financial responsibility/ CFO exp 4/30/2018 DO statement Jesus Lopez exp 4/17/2019
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-03-2023

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine small quantity hazardous waste inspection. The cashier provided consent to inspect. The hazardous waste drum is properly labeled, dated and stored closed. Drums are stored in trash enclosure area. A perimeter walk was conducted. Municipal dumpster does not appear to contain any hazardous waste at the time of the inspection. Manifests were available and reviewed. Last picked up was on 2/3/23 by Adams Services. Emergency response information is posted and employees are reported to be trained. Inspection report emailed permitdesk@chevron.com
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspected perimeter of facility including the dumpster area. Permission to inspect and take necessary photos granted by Muhammad Shah . Hazardous waste properly stored, labeled and dated. Hazardous waste/material contingency plan kept on site and available for review. Manifests for hazardous waste pickup and universal waste handling reviewed on site. Employee training records kept on site and available for review. No violations noted at this time.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-05-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File review regarding status of modification.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine compliance inspection. Jeffrey Crisostomo of Tanknology currently performing a UST system monitoring certification. Current ICC, Veeder-Root and VMI certifications provided. Facility consists of two USTs, nine UDCs and a vent termination sump. The tank annulars are brine filled. Tank annular sensors (303s) appear to be located at the proper position. The four tank top sumps, nine UDcs and vent termination box were free of liquid. Sensors (208s) located at the low areas of secondary containment. Reviewed designated operator (DO) inspection reports during the past 12 months. All documented alarms in the DO reports were followed up on. Corrective action documentation attached to the corresponding reports. Employee training provided on 4-29-15 by the DO. Records available for review. Latest Recs submittal reviewed and accepted on this date. Financial responsibility certification valid through 4-30-16. SB 989 testing was

CHEVRON STATION #200913/1404 (Continued) **S123298347**

performed [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-17-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received results for overfill prevention testing performed on 1-21-19. Regular, supreme and diesel flapper valves passed.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct routine hazardous waste inspection. Anna Donaldson granted consent to conduct inspection. I walked the perimeter and inspected hazardous waste storage area in trash enclosure. I did not observe any hazardous waste in municipal trash. Fuel filters/hoses (1), spill pads contaminated with fuel (1) and sump/ test water (1) drums are stored closed and labeled. Manifests were reviewed. Business emergency plan is available on site (in Emergency Response Procedures Binder). Emergency contact information is posted on the wall in cashier area and is also available in Emergency Response Procedures Binder.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-24-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: I received and reviewed copies of Monitoring System Certification Form and Spill Container Testing Report Form for activities conducted on 5/13/21. All components passed test.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-26-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Secondary piping held pressure for > than 60 minutes. All fittings/connections were "soaped". No leaking/bubbling noticed. The annular space for the new piping termination box and UDCs 1/2, 11/12 & 13/14 to be under vacuum (not brine). * Inspection required two separate visits.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Eval General Type: Other/Unknown
Eval Date: 06-02-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site for initial hazardous materials and business emergency plan audit. Observed the facility and inspected hazardous materials storage. The following hazardous materials were observed in amounts that exceed the required disclosure quantities: - Two gasoline USTs - One (> 1000 cubic feet) CO2 compressed gas cylider - Three 55 gallon drums of car wash chemicals
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted latest submittal in CERS
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-10-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received results for ELD testing performed on 6-9-16. One tank, two tank top sumps, Junction boxes with tank connection, three UDCs, one transition sump, and the product & vent pipelines were tested. All testing passed per Sergio L Nunez (CA tank tester #06-1727)
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-16-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Initial plan review.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-27-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received report for a monitoring certification performed on 5-13-19. All monitoring equipment operational per manufacturer’s specifications.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-05-2016

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Received report for a UST system monitoring certification performed on 6-15-16. All monitoring equipment operational per manufacturer's specifications.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-22-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: file and plan review for status and inspection prep
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-27-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received results for secondary containment re testing performed on 10-23-14. Nine UDCs and the vent termination sump passed two consecutive 15 minute tests. Closed SR0124107
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-12-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Plan review and approval. Call to Greg Hohn.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-16-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-17-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine small quantity hazardous waste inspection. Anu, Cashier, provided consent to inspect. The hazardous waste drum is properly labeled, dated and stored closed. Drums are stored in trash enclosure area. A perimeter walk was conducted. Municipal dumpster does not appear to contain any hazardous waste. Manifests were available and reviewed. Last picked up was on 2/9/2022

CHEVRON STATION #200913/1404 (Continued) **S123298347**

by Clean Harbor. Emergency response information is posted and employees are reported to be trained. Inspection report emailed permitdesk@chevron.com

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct hazardous materials chemical inventory and business emergency plan inspection. Anna Donaldson granted consent to conduct inspection. I walked through facility and inspected hazardous material storage areas inside and outside building, including "Electrical Room" next to car wash tunnel. There has been no changes in types and/or volumes of the hazardous material stored on site since last inspection or previous reporting period. Facility has been reporting propane tanks for sale (retail) that are not reportable. Please delete retail propane tanks from inventory. Facility stores the following hazardous materials at disclosure threshold: - Diesel - Gasoline - Low PH Presoak 203 (car wash solution) - Alkaline Presoak 105 (car wash solution) - Liquid Carbon Dioxide Site map must be revised as follows and resubmitted: - There are no storm drains in car wash tunnel as shown. There is only a drain inside the car wash tunnel. - Car wash [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-25-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site for primary piping inspection. Current ICC certifications provided for Hector Cardenas (service technician, vapor installation & repair and UST installation & retrofitting). Also. current ICC certification for Vincent Santangelo (UST installation & retrofitting) provided. Primary piping held pressure for > than 60 minutes. All fittings/connections were "soaped". No leaking/bubbling noticed.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-26-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: An on-site inspection was conducted this date. The annual monitoring system certification was performed by Luis Navarro (Tanknology) on 5/12/2020 and was NOT witnessed by this agency on that date due to COVID-19 precautions. This facility contains: 3 - USTs (reg, prem, diesel) Monitor system is a Veeder-Root monitor panel. NOTE: At the time of the inspection the panel was in alarm for an "Auto-Dialer Error." The operator showed me that a service call had been placed prior to my arrival. The following were tested on 5/12/20 and PASSED per the test report submitted to this agency by the service

CHEVRON STATION #200913/1404 (Continued) **S123298347**

technician: - Sensors: -- Tank Annulars: VR303 -- Sumps: VR209 -- UDCs: VR208 - Sensors, initiated positive shutdown to the turbines when tested in water - Fail Safe and Positive Shutdown - Spill buckets using a visual hydrostatic test - Leak detectors. PLLDs (electronic) Documents reviewed onsite: - Permit to operate - Previous Monitoring System [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-29-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received results for a UST system monitoring certification performed on 5-15-15. All monitoring equipment operational per manufacturer's specifications.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-29-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review of CERS cfo/FR expires 4/25/18 DO- Jesus Lopez 4/17/19 monitoring cert results from testeing done on 5/1/2018 - all components passed at that time.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine compliance inspection. Jeffrey Crisostomo of Tanknology currently performing a UST system monitoring certification. Current ICC, Veeder-Root and VMI certifications provided. Facility consists of two USTs, nine UDCs and a vent termination sump. The tank annulars are brine filled. Tank annular sensors (303s) appear to be located at the proper position. The four tank top sumps, nine UDcs and vent termination box were free of liquid. Sensors (208s) located at the low areas of secondary containment. Reviewed designated operator (DO) inspection reports during the past 12 months. All documented alarms in the DO reports were followed up on. Corrective action documentation attached to the corresponding reports. Employee training current per 5-19-14 DO report. UPC forms submitted on 4-30-14 (CERS) were reviewed and accepted on this date. Financial responsibility certification valid through 4-30-15. SB 989 testing was performed on 4-28-14. Many [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-08-2016

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site. ELD testing postponed.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-08-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This Agency received the secondary containment test report for a post-repair test (SR0141635) conducted 5/8/2020. The following components PASSED testing: Secondary piping run (2) Piping sump (2)
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site for final inspection. All aspects of the installation and modifications have been completed. A full facility UST system monitoring procedure including integrity testing for newly installed components being perfommed. New facility permit will be issued upon operational status results received regarding the testing.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-16-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received modification plans to correct failed secondary containment components.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-18-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Plan reviewed and approved
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-03-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This Agency received the monitoring system certification test report, site map, and spill bucket test report for a test conducted 5/12/20. The following components PASSED testing: - Tank Annular Sensors (3) -

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Line Leak Detectors - STP Sump Sensors (3) - Fill Sump Sensors (3) - UDC Sensors (6) - Vent Sump (1) - Fail Safe/Sensor Out - Spill Buckets Visual Test

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-06-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review of CERS accepted DO-Jesus Lopez exp 10/22/2017 finacial responsibility/cfo-4/30/2017

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-22-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted submittal in CERS.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct hazardous materials chemical inventory and business emergency plan inspection this date, consent to enter, inspect and take photographs was given by - Lisawati Djojo, manager The HMBEP has been submitted through CERS10441546 Employee Business Emergency Plan Training was reviewed this date. Safety/cleanup equipment is available. Hazardous materials storage area were reviewed at this time. The facility has the following hazardous materials that exceed the required disclosure quantities: -pH low car wash presoak -pH high car waste presoak -CO2 33 gallons -unleaded gas 35000 gal -desiel-10000 gal **Please note, you are required to review the submittal yearly and resubmit prior to March 1st each year. You will get communication (probably email) indicating you should go in and review and resubmit around January of each year as a reminder. Emailed copy of inspection this date.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Routine inspection conducted this date in regards to underground storage tank, consent to enter, inspect and take photographs was given by Lisawati Djojo, manager Monitoring system certification was conducted at this time. Jorge Hernandez, of Tanknology performed the monitor cert. Ensure submittal of monitor cert test results within 30

CHEVRON STATION #200913/1404 (Continued) **S123298347**

days. Tester provided the following certifications: ICC tech exp 6/30/2017 Veeder-Root tech #b45883 exp 8/13/2017 VMI/TLDT-5000 exp 2/11/18 Number of UST s -3 with 303 sensors Leak detector type -electronic Veeder Root Sensor types - 209's in tank sumps, 208 in vent termination box 9 UDC type -208's in dispensers The Veeder-Root monitoring panel showed all functions normal. Sensors and sumps in good order this date. The following documents were available for review: CUPA Business Activities form, CUPA Business Owner / Operator Identification form CUPA UST Facility Information form, CUPA UST Tank Information CUPA [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-08-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: A on-site follow-up inspection was conducted this date (5/8/20). The violations noted below are in reference to a review of this facility's secondary containment test conducted 3/25/20. On this date Juan Martinez (Wayne Perry) provided current ICC and a Fastech ELD certifications (hydrostatic testing). Both the 87 and 91 STP sumps and the 87 and 91 product piping runs were tested for post-repair tightness (see SR0141635) to meet the secondary containment test requirements. OUTSTANDING VIOLATIONS - 5/8/20 NONE CORRECTED VIOLATIONS - 5/8/20 I382 - The following UST components were repaired and subsequently re-tested this date to meet secondary containment requirments. 87 STP sump: PASS (NOTE: Initially failed test, but sump was emptied of water, and putty was re-applied and cured. Second test yielded PASS results). 91 STP sump: PASS 87 product line: PASS 91 product line: PASS An inspection report is to be emailed to: permitdesk@chevron.com

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-13-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site for the tank set. 10,000 gallon brine filled Xerxes tank on site, still on truck bed. UL # S-993266 Tank was placed on a designated inspection area. No tank damage or leaking was observed. Tank was set in tank pit, secured and pressurized to 5 psi. Two four inch liquid filled guages were used to determine pressure. All fittings (bungs & bolts) for the tank were "soaped". No bubbling observed. Pressure held for > one hour with no indication of pressure loss. Refer to field activity page and chain of custody for further details regarding the soil sampling.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2019
Violations Found: No

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Eval Type: Routine done by local agency
Eval Notes: On site for a routine compliance inspection. Luis Navarro of Tanknology currently performing a UST system monitoring certification. Current ICC, Veeder-Root and VMI certifications provided. Facility consists of three USTs, nine UDCs and a vent termination sump. The tank annulars are brine filled. Tank annular sensors (303s) appear to be located at the proper position. The Six tank top sumps, nine UDCs and the vent termination box were free of liquid. Sensors located at the proper area of secondary containment. Leak detectors are electronic Veeder Root. Veeder-Root 209's are in the tank sumps. Veeder-Root 208's are in the vent termination box and UDCs. Vacuum sensors (463s) for the diesel components and UDCs 1/2, 15/16 & 17/18. Reviewed designated operator (DO) inspection reports during the past 12 months. All documented alarms in the DO reports were followed up on. Corrective action verbiage/documentation attached to the corresponding reports. UST training [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine inspection. Walked facility with the latest submitted site map. Did not observe any additional hazardous materials stored at or above disclosure threshold. Site map was accurate as to the various disclosed locations. Reviewed and accepted latest submittal in CERS.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-17-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct an Underground Storage Tank (UST) inspection and witness the annual monitoring system certification and spill bucket testing. Met with Steven Lantz, service technician with Tanknology. The site has the following double walled (DW) tanks: - 15k gallon (premiun) - 10k gallon (biodiesel) - 20k gallon (regular unleaded) - nine UDCs The system is monitored by a Veeder Root TLS 350R system. The monitor is operational for audible and visual alarms and the display reads "all functions normal." Sensors: Tank Annulars - VR303 Sumps - VR209 UDCs - VR208 Pipe Monitoring - VR208 Vent Sump: VR208 Sensors were observed at the lowest point. Sensor out and fail-safe were verified and passed. All sensors tested, were operational and passed. Leak detectors are PLLDs (electronic). Overfill protection is with flapper valves. Spill buckets were hydrostatically tested with no changes in water level. Testing was conducted by Steven Lantz with [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Eval Date: 06-07-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Final SR inspection notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Violation status review. Closed violations that indicated they were abated during the inspection.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted submittal in CERS. Removed materials from inventory that did not meet the minimum reporting thresholds.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-23-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received change of designated operator (DO) notification dated 9-16-13. Deborah Rowe is listed as the primary DO. ICC # 8164556 exp 6-30-14.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-27-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Closed plan check. Deleted violation TM02.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted latest submittal in CERS
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Eval General Type: Other/Unknown
Eval Date: 07-22-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File review and calls for update on status
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-05-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and declined submittal. The two "solid" disclosures and six of the "liquid" disclosures are listed at levels below disclosure threshold. If the maximum daily amounts listed are accurate, delete these materials from the inventory. If the maximum daily amounts are at least 500 pounds (solid) or 55 gallons (liquid), change the amounts on the disclosure. Resubmit after modifications have been performed.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Plans expired and were replaced with SR0126102
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-02-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: I reviewed Overfill Prevention Equipment Inspection Report Form for activities conducted on 7/20/21. All tested components passed test. Facility has Fill Tube Shut-Off Valve for overfill protection with equipment activating between 93.6% and 93.7%.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-12-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Activities required to close SR
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-23-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Eval Notes: Initial plan review
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-12-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File review regarding compliance
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Coordinates:
Site ID: 104900
Facility Name: Chevron Station #200913/1404
Env Int Type Code: HWG
Program ID: 10441546
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.592860
Longitude: -117.728520

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004 (ATTN: PERMIT DESK)
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94583
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004 (ATTN: PERMIT DESK)
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94583
Affiliation Phone: (925) 842-9002,

Affiliation Type Desc: UST Tank Owner
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94583
Affiliation Phone: (925) 842-9002,

Affiliation Type Desc: Parent Corporation

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Permit Applicant
Entity Name: CHARLES BITTLE - 6/21/2016
Entity Title: RETAIL HES
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (925) 842-9002,

Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6406,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004 (ATTN: PERMIT DESK)
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94583
Affiliation Phone: ,

Affiliation Type Desc: UST Property Owner Name
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94583
Affiliation Phone: (925) 842-9002,

Affiliation Type Desc: Document Preparer
Entity Name: Pedro R Carranza
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

CHEVRON STATION #200913/1404 (Continued) **S123298347**

Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Pedro R Carranza
Entity Title:	RETAIL HES SPECIALIST
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 6004 (ATTN: PERMIT DESK)
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94583
Affiliation Phone:	(925) 842-9002,
Affiliation Type Desc:	Operator
Entity Name:	Chevron Station #200913/1404
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 362-5166,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94583
Affiliation Phone:	(925) 842-9002,

C20 **CHEVRON STATION #200913/1404** **UST** **U004354138**
SW **23022 ALISO CREEK RD** **N/A**
< 1/8 **ALISO VIEJO, CA 92656**
0.020 mi.
106 ft. **Site 6 of 7 in cluster C**

Relative: UST:
Higher

Actual: Name:	CHEVRON STATION #200913/1404
485 ft. Address:	23022 ALISO CREEK RD
City,State,Zip:	ALISO VIEJO, CA 92656
Facility ID:	FA0024729
Permitting Agency:	Orange County Environmental Health
CERSID:	10441546
Latitude:	33.5928600
Longitude:	-117.728520

CHEVRON STATION #200913/1404 (Continued) **U004354138**

Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Tank owner mailing address:	P.O. BOX 6004, ATTN: PERMIT DESK
Tank owner mailing city:	SAN RAMON
Tank owner mailing zip:	94583
Tank owner mailing state:	CA
Tank operator name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Tank operator mailing address:	P.O. BOX 6004, ATTN: PERMIT DESK
Tank operator mailing city:	SAN RAMON
Tank operator mailing zip:	94583
Tank operator mailing state:	CA
Tankidnumber:	1
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	6/22/2004 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Regular Unleaded
Tank capacity gallons:	20000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Flexible
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	CHEVRON STATION #200913/1404
Address:	23022 ALISO CREEK RD
City,State,Zip:	ALISO VIEJO, CA 92656
Facility ID:	FA0024729
Permitting Agency:	Orange County Environmental Health
CERSID:	10441546
Latitude:	33.5928600
Longitude:	-117.728520
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Tank owner mailing address:	P.O. BOX 6004, ATTN: PERMIT DESK
Tank owner mailing city:	SAN RAMON
Tank owner mailing zip:	94583
Tank owner mailing state:	CA

CHEVRON STATION #200913/1404 (Continued) **U004354138**

Tank operator name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Tank operator mailing address:	P.O. BOX 6004, ATTN: PERMIT DESK
Tank operator mailing city:	SAN RAMON
Tank operator mailing zip:	94583
Tank operator mailing state:	CA
Tankidnumber:	3
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	5/13/2016 12:00:00 AM
Tank num of compartments:	1
Tank contents:	13
Tank capacity gallons:	10000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	CHEVRON STATION #200913/1404
Address:	23022 ALISO CREEK RD
City,State,Zip:	ALISO VIEJO, CA 92656
Facility ID:	FA0024729
Permitting Agency:	Orange County Environmental Health
CERSID:	10441546
Latitude:	33.5928600
Longitude:	-117.728520
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Tank owner mailing address:	P.O. BOX 6004, ATTN: PERMIT DESK
Tank owner mailing city:	SAN RAMON
Tank owner mailing zip:	94583
Tank owner mailing state:	CA
Tank operator name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Tank operator mailing address:	P.O. BOX 6004, ATTN: PERMIT DESK
Tank operator mailing city:	SAN RAMON
Tank operator mailing zip:	94583
Tank operator mailing state:	CA
Tankidnumber:	2
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	6/22/2004 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Premium Unleaded

CHEVRON STATION #200913/1404 (Continued) **U004354138**

Tank capacity gallons:	15000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Flexible
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

C21 **CHEVRON USA INC** **EDR Hist Auto** **1021427549**
SW **23022 ALISO CREEK RD** **N/A**
< 1/8 **ALISO VIEJO, CA 92656**
0.020 mi.
106 ft. **Site 7 of 7 in cluster C**

Relative: EDR Hist Auto
Higher

Actual:
485 ft.

Year:	Name:	Type:
1996	CHEVRON USA INC	Gasoline Service Stations
1997	CHEVRON USA INC	Gasoline Service Stations
1998	CHEVRON USA INC	Gasoline Service Stations
1999	CHEVRON USA INC	Gasoline Service Stations
2000	CHEVRON USA INC	Gasoline Service Stations
2001	CHEVRON USA INC	Gasoline Service Stations
2002	CHEVRON USA INC	Gasoline Service Stations
2003	CHEVRON USA INC	Gasoline Service Stations
2004	CHEVRON USA INC	Gasoline Service Stations
2005	CHEVRON USA INC	Gasoline Service Stations, NEC
2006	CHEVRON USA INC	Gasoline Service Stations, NEC
2007	CHEVRON USA INC	Gasoline Service Stations, NEC
2010	CHEVRON USA INC	Gasoline Service Stations, NEC
2011	CHEVRON USA INC	Gasoline Service Stations, NEC
2012	CHEVRON USA INC	Gasoline Service Stations, NEC
2013	CHEVRON USA INC	Gasoline Service Stations, NEC
2014	CHEVRON USA INC	Gasoline Service Stations, NEC

B22 **AMBRY GENETICS** **CERS TANKS** **S123513709**
East **7 ARGONAUT** **CERS** **N/A**
< 1/8 **ALISO VIEJO, CA 92656**
0.024 mi.
126 ft. **Site 5 of 7 in cluster B**

Relative: CERS TANKS:
Lower

Actual:
435 ft.

Name:	AMBRY GENETICS
Address:	7 ARGONAUT
City,State,Zip:	ALISO VIEJO, CA 92656
Site ID:	368624
CERS ID:	10668994
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	AMBRY GENETICS

AMBRY GENETICS (Continued) **S123513709**

Address: 7 ARGONAUT
City,State,Zip: ALISO VIEJO, CA 92656
Site ID: 368624
CERS ID: 10668994
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Ambry Genetics, 7 Argonaut, Aliso Viejo On site to conduct aboveground petroleum storage tank (APST) inspection, consent to enter, inspect and take photographs was given by - Marissa Tracy, EH&S Coordinator Facility is regulated under the Aboveground Storage Tank Act (APSA). Facility has between 1,320 and 9,999 gallons of regulated petroleum products . Facility has the Following: 1) On site SPCC Prepared and implemented and dated 2/24/2017 a. The federal template for Tier I facilities under 10,000 gallons was used b. Plan is required to be reviewed every 5 years. 2) Periodic checklist of inspection activities is available for tank. 3) Appropriate secondary containment or diversionary structures are available, the tank is double walled and it is also diked. 4) Training on SPCC plan for appropriate staff. Orange County Environmental Health has created a website that contains information regarding the APST program and its requirements. The APST website is [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for an aboveground petroleum storage tank (APST) inspection. Access to this facility was provided by Ryan Castillo, EHS Supervisor. Facility contains: - 1 Diesel APST (4820 gallons) Facility is regulated under the Aboveground Storage Tank Act (APSA). This facility has between 1,320 and 9,999 gallons of regulated petroleum products (Tier 1 facility). Facility has the following: - On-site Tier 1 Spill Prevention Controls and Countermeasures (SPCC) plan prepared and implemented. SPCC must be evaluated every 5 years) - Training - Periodic checklist is available for tanks (per SPCC inspections are conducted weekly) - Appropriate secondary containment or diversionary structures
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a Medical Waste Large Quantity Generator inspection. Met this date with Douglas Echeverria, Sr. Environmental Health and Safety Manager who granted consent to enter and conduct the inspection A walk through of the facility was conducted. The final storage area is locked. Observed red bags that were zip-tied. Wastes

AMBRY GENETICS (Continued) **S123513709**

generated at this facility include biohazardous, sharps, pathology, and trace chemotherapy waste. Waste containers are closed and labeled. Waste is hauled by ACT once a week. Tracking documents were available and reviewed. Brian with ACT is at this facility and responsible for the transferring, labeling, daily empty for the facility. The Emergency Action Plan was available for review. Inspection report emailed to Douglas Echeverria decheverria@ambrygen.com

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Ambry Genetics, 7 Argonaut, Aliso Viejo On site to conduct hazardous materials chemical inventory and business emergency plan inspection this date, consent to enter, inspect and take photographs was given by - Marissa Tracy, EH&S Coordinator. The HMBEP has been submitted through CERS 10668994. Changes to the BEP to add the OC CUPA phone number to the plan so that if there is a spill we can be notified easily 714-433-6000 Employee Business Emergency Plan Training was reviewed this date. Safety/cleanup equipment is available. Hazardous materials storage area were reviewed at this time. The facility has the following hazardous materials that exceed the required disclosure quantities: diesel 4820 gallons, air 1550 cubic feet. **Please note, you are required to review the submittal yearly and resubmit prior to March 1st each year. You will get communication (probably email) indicating you should go in and review and resubmit around January of each year as a [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-01-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine Hazardous Materials Business Plan (HMBP) inspection. Met this date with Joel Azpuru Sr. Environmental Health and Safety Manager who granted consent to enter and conduct the inspection. Hazardous Materials disclosed in CERS match what is reported on site. The following were available for review this date: - Emergency Contingency Plan - Employee Training Records Per California Health & Safety Code Ch. 6.95, businesses that store and handle hazardous materials at or over reportable quantities (55 gal of a liquid, 500 lbs of a solid, 200 cubic ft of a compressed gas) must prepare and implement an HMBP. The facility is responsible for identifying all hazardous materials, including hazardous wastes, which are at or above disclosure thresholds. If there is a change in the type of amount of chemicals that are maintained on site, please submit revised documents (electronically though CERS) within 30 days of change. The HMBP must be submitted online [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

AMBRY GENETICS (Continued) **S123513709**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine Hazardous Materials Business Plan (HMBP) inspection. Met this date with Douglas Echeverria, Sr. Environmental Health and Safety Manager who granted consent to enter and conduct the inspection. Observed the following materials on site at reportable quantities: diesel fuel, R-404A, Liquid Nitrogen. Hazardous Materials disclosed in CERS (10668994) match what is reported on site. The following were available for review this date: - Emergency Contingency Plan - Employee Training Records Per California Health & Safety Code Ch. 6.95, businesses that store and handle hazardous materials at or over reportable quantities (55 gal of a liquid, 500 lbs of a solid, 200 cubic ft of a compressed gas) must prepare and implement an HMBP. The facility is responsible for identifying all hazardous materials, including hazardous wastes, which are at or above disclosure thresholds. If there is a change in the type of amount of chemicals that are maintained on site, please submit revise
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous materials inspection. Also present was Dean Freed of OCHCA. Access to the facility, and permission to inspect and take photographs (if needed) was provided by Ryan Castillo, EHS Supervisor, and included the areas noted below. Businesses who handle or store hazardous materials in quantities equal to or exceeding 55 gallons of liquid, 500 pounds of solid, or 200 cubic feet of a gas are required to develop the following items and submit them electronically into the state's portal CERS website (http://cers.calepa.ca.gov). Currently the battery array in the Data Center is not listed as part of your hazardous materials inventory. Determine if the amount of hazardous materials for the battery array exceeds the threshold above and disclose the batteries as part of your inventory, if necessary. 7 Argonaut - North Side of bldg: Nitrogen/Air aboveground tank - Data Center: USB (battery array) - Backup generator: Diesel aboveground tank
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-01-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for an Aboveground Petroleum Storage tank (APST) inspection. Joel Azpru, Sr. Environmental Health and Safety Manager, provided consent to inspect. This facility is a Tier I Facility (equal to or greater than 1,320 gallons but less than 9,999 gallons of regulated petroleum products) - 1 diesel emergency generator (4,820 gallons) The SPCC Plan was on site for review and was dated March 22, 2021. SPCC plan must be reviewed and updated every five (5) years. Periodic

AMBRY GENETICS (Continued) **S123513709**

inspections per SPCC are being conducted. Tank inspection logs were available and reviewed. No spill have occurred or been reported. Appropriate secondary containment are in place. Annual SPCC training records for oil handling personnel are reported to be given and training records were available for review (maintained online) Inspection report emailed to jazpuru@ambrygen.com

Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Coordinates:
Site ID: 368624
Facility Name: Ambry Genetics
Env Int Type Code: HMBP
Program ID: 10668994
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.594140
Longitude: -117.726430

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Douglas Echeverria
Entity Title: Sr. EH&S Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Douglas Echeverria
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: REALM IDx
Entity Title: Not reported
Affiliation Address: 1 Enterprise
Affiliation City: Aliso Viejo
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92656
Affiliation Phone: (949) 900-5500,

Affiliation Type Desc: Operator
Entity Name: Ambry Genetics Corporation
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

AMBRY GENETICS (Continued) **S123513709**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 900-5500,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Douglas Echeverria
Entity Title:	Not reported
Affiliation Address:	1 Enterprise
Affiliation City:	Aliso Viejo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92656
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1 Enterprise
Affiliation City:	Aliso Viejo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92656
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	REALM IDx
Entity Title:	Not reported
Affiliation Address:	1 Enterprise
Affiliation City:	Alsio Viejo
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92656
Affiliation Phone:	(949) 900-5500,
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Ambry Genetics Corporation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

B23 **AMBRY GENETICS** **CERS HAZ WASTE** **S129010514**
East **7 ARGONAUT** **EMI** **N/A**
< 1/8 **ALISO VIEJO, CA 92656**
0.024 mi.
126 ft. **Site 6 of 7 in cluster B**

Relative: **Lower**

Actual: **435 ft.**

CERS HAZ WASTE:
Name: AMBRY GENETICS
Address: 7 ARGONAUT
City,State,Zip: ALISO VIEJO, CA 92656
Site ID: 368624
CERS ID: 10668994
CERS Description: Hazardous Waste Generator

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Ambry Genetics, 7 Argonaut, Aliso Viejo On site to conduct aboveground petroleum storage tank (APST) inspection, consent to enter, inspect and take photographs was given by - Marissa Tracy, EH&S Coordinator Facility is regulated under the Aboveground Storage Tank Act (APSA). Facility has between 1,320 and 9,999 gallons of regulated petroleum products . Facility has the Following: 1) On site SPCC Prepared and implemented and dated 2/24/2017 a. The federal template for Tier I facilities under 10,000 gallons was used b. Plan is required to be reviewed every 5 years. 2) Periodic checklist of inspection activities is available for tank. 3) Appropriate secondary containment or diversionary structures are available, the tank is double walled and it is also diked. 4) Training on SPCC plan for appropriate staff. Orange County Environmental Health has created a website that contains information regarding the APST program and its requirements. The APST website is [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for an aboveground petroleum storage tank (APST) inspection. Access to this facility was provided by Ryan Castillo, EHS Supervisor. Facility contains: - 1 Diesel APST (4820 gallons) Facility is regulated under the Aboveground Storage Tank Act (APSA). This facility has between 1,320 and 9,999 gallons of regulated petroleum products (Tier 1 facility). Facility has the following: - On-site Tier 1 Spill Prevention Controls and Countermeasures (SPCC) plan prepared and implemented. SPCC must be evaluated every 5 years) - Training - Periodic checklist is available for tanks (per SPCC inspections are conducted weekly) - Appropriate secondary containment or diversionary structures
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2023
Violations Found: No

AMBRY GENETICS (Continued) **S129010514**

Eval Type: Routine done by local agency
Eval Notes: On site to conduct a Medical Waste Large Quantity Generator inspection. Met this date with Douglas Echeverria, Sr. Environmental Health and Safety Manager who granted consent to enter and conduct the inspection A walk through of the facility was conducted. The final storage area is locked. Observed red bags that were zip-tied. Wastes generated at this facility include biohazardous, sharps, pathology, and trace chemotherapy waste. Waste containers are closed and labeled. Waste is hauled by ACT once a week. Tracking documents were available and reviewed. Brian with ACT is at this facility and responsible for the transferring, labeling, daily empty for the facility. The Emergency Action Plan was available for review. Inspection report emailed to Douglas Echeverria decheverria@ambrygen.com
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Ambry Genetics, 7 Argonaut, Aliso Viejo On site to conduct hazardous materials chemical inventory and business emergency plan inspection this date, consent to enter, inspect and take photographs was given by - Marissa Tracy, EH&S Coordinator. The HMBEP has been submitted through CERS 10668994. Changes to the BEP to add the OC CUPA phone number to the plan so that if there is a spill we can be notified easily 714-433-6000 Employee Business Emergency Plan Training was reviewed this date. Safety/cleanup equipment is available. Hazardous materials storage area were reviewed at this time. The facility has the following hazardous materials that exceed the required disclosure quantities: diesel 4820 gallons, air 1550 cubic feet. **Please note, you are required to review the submittal yearly and resubmit prior to March 1st each year. You will get communication (probably email) indicating you should go in and review and resubmit around January of each year as a [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-01-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine Hazardous Materials Business Plan (HMBP) inspection. Met this date with Joel Azpuru Sr. Environmental Health and Safety Manager who granted consent to enter and conduct the inspection. Hazardous Materials disclosed in CERS match what is reported on site. The following were available for review this date: - Emergency Contingency Plan - Employee Training Records Per California Health & Safety Code Ch. 6.95, businesses that store and handle hazardous materials at or over reportable quantities (55 gal of a liquid, 500 lbs of a solid, 200 cubic ft of a compressed gas) must prepare and implement an HMBP. The facility is responsible for identifying all hazardous materials, including hazardous wastes, which are at or above disclosure thresholds. If there is a change in the type of amount of chemicals that are maintained on site, please submit

AMBRY GENETICS (Continued) **S129010514**

revised documents (electronically though CERS) within 30 days of change. The HMBP must be submitted online [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine Hazardous Materials Business Plan (HMBP) inspection. Met this date with Douglas Echeverria, Sr. Environmental Health and Safety Manager who granted consent to enter and conduct the inspection. Observed the following materials on site at reportable quantities: diesel fuel, R-404A, Liquid Nitrogen. Hazardous Materials disclosed in CERS (10668994) match what is reported on site. The following were available for review this date: - Emergency Contingency Plan - Employee Training Records Per California Health & Safety Code Ch. 6.95, businesses that store and handle hazardous materials at or over reportable quantities (55 gal of a liquid, 500 lbs of a solid, 200 cubic ft of a compressed gas) must prepare and implement an HMBP. The facility is responsible for identifying all hazardous materials, including hazardous wastes, which are at or above disclosure thresholds. If there is a change in the type of amount of chemicals that are maintained on site, please submit revise

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous materials inspection. Also present was Dean Freed of OCHCA. Access to the facility, and permission to inspect and take photographs (if needed) was provided by Ryan Castillo, EHS Supervisor, and included the areas noted below. Businesses who handle or store hazardous materials in quantities equal to or exceeding 55 gallons of liquid, 500 pounds of solid, or 200 cubic feet of a gas are required to develop the following items and submit them electronically into the state's portal CERS website (http://cers.calepa.ca.gov). Currently the battery array in the Data Center is not listed as part of your hazardous materials inventory. Determine if the amount of hazardous materials for the battery array exceeds the threshold above and disclose the batteries as part of your inventory, if necessary. 7 Argonaut - North Side of bldg: Nitrogen/Air aboveground tank - Data Center: USB (battery array) - Backup generator: Diesel aboveground tank

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-01-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for an Aboveground Petroleum Storage tank (APST) inspection.

AMBRY GENETICS (Continued) **S129010514**

Joel Azpru, Sr. Environmental Health and Safety Manager, provided consent to inspect. This facility is a Tier I Facility (equal to or greater than 1,320 gallons but less than 9,999 gallons of regulated petroleum products) - 1 diesel emergency generator (4,820 gallons) The SPCC Plan was on site for review and was dated March 22, 2021. SPCC plan must be reviewed and updated every five (5) years. Periodic inspections per SPCC are being conducted. Tank inspection logs were available and reviewed. No spill have occurred or been reported. Appropriate secondary containment are in place. Annual SPCC training records for oil handling personnel are reported to be given and training records were available for review (maintained online) Inspection report emailed to jazpuru@ambrygen.com

Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Coordinates:
Site ID: 368624
Facility Name: Ambry Genetics
Env Int Type Code: HMBP
Program ID: 10668994
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.594140
Longitude: -117.726430

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Douglas Echeverria
Entity Title: Sr. EH&S Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Douglas Echeverria
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: REALM IDx
Entity Title: Not reported
Affiliation Address: 1 Enterprise
Affiliation City: Aliso Viejo
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92656
Affiliation Phone: (949) 900-5500,

AMBRY GENETICS (Continued) **S129010514**

Affiliation Type Desc:	Operator
Entity Name:	Ambry Genetics Corporation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 900-5500,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Douglas Echeverria
Entity Title:	Not reported
Affiliation Address:	1 Enterprise
Affiliation City:	Aliso Viejo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92656
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1 Enterprise
Affiliation City:	Aliso Viejo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92656
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	REALM IDx
Entity Title:	Not reported
Affiliation Address:	1 Enterprise
Affiliation City:	Alsio Viejo
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92656
Affiliation Phone:	(949) 900-5500,
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Ambry Genetics Corporation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

AMBRY GENETICS (Continued) **S129010514**

Affiliation Zip: Not reported
Affiliation Phone: ,

EMI:

Name:	AMBRY GENETICS
Address:	7 ARGONAUT
City,State,Zip:	ALISO VIEJO, CA 92656
Year:	2022
County Code:	30
Air Basin:	SC
Facility ID:	179190
Air District Name:	SC
SIC Code:	8071
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.02276607854297097324 9857
Reactive Organic Gases Tons/Yr:	0.02
Carbon Monoxide Emissions Tons/Yr:	0.06
NOX - Oxides of Nitrogen Tons/Yr:	0.28
SOX - Oxides of Sulphur Tons/Yr:	0.000126
Particulate Matter Tons/Yr:	0.02
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.01988

Name:	AMBRY GENETICS
Address:	7 ARGONAUT
City,State,Zip:	ALISO VIEJO, CA 92656
Year:	2023
County Code:	30
Air Basin:	SC
Facility ID:	179190
Air District Name:	SC
SIC Code:	8071
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.022766078543
Reactive Organic Gases Tons/Yr:	0.02
Carbon Monoxide Emissions Tons/Yr:	0.06
NOX - Oxides of Nitrogen Tons/Yr:	0.28
SOX - Oxides of Sulphur Tons/Yr:	0.000126
Particulate Matter Tons/Yr:	0.02
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.01988

B24 **BEARING ENGINEERS** **RCRA NonGen / NLR 1025865882**
SE **27 ARGONAUT** **E MANIFEST CAL000111876**
< 1/8 **ALISO VIEJO, CA 92656**
0.049 mi.
258 ft. **Site 7 of 7 in cluster B**

Relative: **Higher**

Actual: **468 ft.**

RCRA Listings:

Date Form Received by Agency:	19940302
Handler Name:	Bearing Engineers
Handler Address:	27 Argonaut
Handler City,State,Zip:	ALISO VIEJO, CA 92656-0000
EPA ID:	CAL000111876

BEARING ENGINEERS (Continued) **1025865882**

Contact Name:		WALLY LOGAN
Contact Address:		27 ARGONAUT
Contact City,State,Zip:		ALISO VIEJO, CA 92656
Contact Telephone:		949-586-7442
Contact Fax:		949-586-7786
Contact Email:		WALLY.LOGAN@MOTIONSOLUTIONS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		27 ARGONAUT
Mailing City,State,Zip:		ALISO VIEJO, CA 92656-0000
Owner Name:	Bearing Engineers Inc	
Owner Type:		Other
Operator Name:	Wally Logan	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20190627
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No

BEARING ENGINEERS (Continued) **1025865882**

Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: BEARING ENGINEERS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 27 ARGONAUT
Owner/Operator City,State,Zip: ALISO VIEJO, CA 92656-0000
Owner/Operator Telephone: 949-586-7442
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALLY LOGAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 27 ARGONAUT
Owner/Operator City,State,Zip: ALISO VIEJO, CA 92656
Owner/Operator Telephone: 949-586-7442
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19940302
Handler Name: BEARING ENGINEERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42184
NAICS Description: Industrial Supplies Wholesalers

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

BEARING ENGINEERS (Continued) **1025865882**

E MANIFEST:

Manifest Tracking Number:	000399963DAT
Last Updated Date:	20210907
Shipped Date:	20210805
Received Date:	20210825
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000111876
Generator Name:	Motion Solutions
Generator Location Street Number:	Not reported
Generator Location Street 1:	27 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	27 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008364432
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	425 Isis Ave.
Designated Facility Mail City:	Inglewood
Designated Facility Mail Zip:	90301
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	425 Isis Ave.
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Inglewood
Designated Facility Location Zip:	90301
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Rho Chem Llc
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	000273475DAT
Last Updated Date:	20200106
Shipped Date:	20190712
Received Date:	20190722
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000111876
Generator Name:	Motion Solutions
Generator Location Street Number:	Not reported
Generator Location Street 1:	27 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported

BEARING ENGINEERS (Continued) **1025865882**

Generator Mail Street 1:	27 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008364432
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	425 Isis Ave.
Designated Facility Mail City:	Inglewood
Designated Facility Mail Zip:	90301
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	425 Isis Ave.
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Inglewood
Designated Facility Location Zip:	90301
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Rho Chem Llc
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	000273475DAT
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Stericycle Specialty Waste Solutions Inc

Waste Line:

Manifest Tracking Number:	000273475DAT
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non-Rcra Hazardous Waste, Liquid (Oil, Water)
Number of Containers:	6
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	305
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	1.2718933
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	1.2718933
Waste Quantity, in Kilograms:	1153.6454
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	1153.6454
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported

BEARING ENGINEERS (Continued) **1025865882**

Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	1153.6454
Quantity Non Haz Tons:	1.2718933
State Waste Codes:	CA-221, CA-221
Manifest Tracking Number:	000273475DAT
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non-Rcra Hazardous Waste, Liquid (Trans-1-Chloro-3,3,3-Trifluoropropene, Water) F001(Chlorinated Fluoro
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	5
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.020850709
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.020850709
Waste Quantity, in Kilograms:	18.912218
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	18.912218
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	F001
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	18.912218
Quantity Non Haz Tons:	0.020850709
State Waste Codes:	CA-211, CA-211

D25 **SOFT HEALTH TECHNOLOGIES LLC** **RCRA NonGen / NLR** **1024847614**
East **8 ARGONAUT STE 170** **CAL000402655**
< 1/8 **ALISO VIEJO, CA 92656**
0.059 mi.
309 ft. **Site 1 of 2 in cluster D**

Relative: **Lower**
Actual: **431 ft.**

RCRA Listings:

Date Form Received by Agency:		20141202
Handler Name:		Soft Health Technologies Llc
Handler Address:		8 Argonaut Ste 170
Handler City,State,Zip:		ALISO VIEJO, CA 92656-4215
EPA ID:		CAL000402655
Contact Name:		JOHN TAYLOR
Contact Address:		8 ARGONAUT
Contact City,State,Zip:		ALISO VIEJO, CA 92656
Contact Telephone:		949-697-3386
Contact Fax:		Not reported
Contact Email:		ADMIN@SOFTHEALTHTECH.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		8 ARGONAUT STE 170
Mailing City,State,Zip:		ALISO VIEJO, CA 92656-4215
Owner Name:	Soft Health Technologies Llc	
Owner Type:		Other
Operator Name:	John Taylor	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No

SOFT HEALTH TECHNOLOGIES LLC (Continued) **1024847614**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JOHN TAYLOR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8 ARGONAUT
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	949-697-3386
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SOFT HEALTH TECHNOLOGIES LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8 ARGONAUT STE 170
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656-4215
Owner/Operator Telephone:	949-716-6770
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20141202
Handler Name: SOFT HEALTH TECHNOLOGIES LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SOFT HEALTH TECHNOLOGIES LLC (Continued) **1024847614**

List of NAICS Codes and Descriptions:
NAICS Code: 339932
NAICS Description: Game, Toy, And Children'S Vehicle Manufacturing

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D26 **INCEPTUS MEDICAL** **RCRA NonGen / NLR** **1027468027**
East **8 ARGONAUT STE 100** **CAL000472373**
< 1/8 **ALISO VIEJO, CA 92656**
0.059 mi.
309 ft. **Site 2 of 2 in cluster D**

Relative: **Lower**
Actual: **431 ft.**

RCRA Listings:

Date Form Received by Agency:		20220805
Handler Name:		Inceptus Medical
Handler Address:		8 Argonaut Ste 100
Handler City,State,Zip:		ALISO VIEJO, CA 92656
EPA ID:		CAL000472373
Contact Name:		MICHAEL JACKSON
Contact Address:		8 ARGONAUT STE 100
Contact City,State,Zip:		ALISO VIEJO, CA 92656
Contact Telephone:		949-636-1575
Contact Fax:		Not reported
Contact Email:		MICHAEL.JACKSON@INCEPTUSMEDICAL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		8 ARGONAUT STE 100
Mailing City,State,Zip:		ALISO VIEJO, CA 92656
Owner Name:	Inceptus Medical Llc	
Owner Type:		Other
Operator Name:	Michael Jackson	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No

INCEPTUS MEDICAL (Continued) **1027468027**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220816
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MICHAEL JACKSON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8 ARGONAUT STE 100
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	949-636-1575
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: INCEPTUS MEDICAL LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8 ARGONAUT STE 100
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	949-598-0300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

INCEPTUS MEDICAL (Continued) **1027468027**

Historic Generators:
Receive Date: 20220805
Handler Name: INCEPTUS MEDICAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 339999
NAICS Description: All Other Miscellaneous Manufacturing

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E27 **ALISO VIEJO TOWING & RECOVERY, INC** **CERS HAZ WASTE** **S123522862**
SE **31 ARGONAUT** **CERS** **N/A**
< 1/8 **ALISO VIEJO, CA 92656**
0.078 mi.
411 ft. **Site 1 of 3 in cluster E**

Relative:
Higher

Actual:
471 ft.

CERS HAZ WASTE:
Name: ALISO VIEJO TOWING & RECOVERY, INC
Address: 31 ARGONAUT
City,State,Zip: ALISO VIEJO, CA 92656
Site ID: 445757
CERS ID: 10777825
CERS Description: Hazardous Waste Generator

CERS:
Name: ALISO VIEJO TOWING & RECOVERY, INC
Address: 31 ARGONAUT
City,State,Zip: ALISO VIEJO, CA 92656
Site ID: 445757
CERS ID: 10777825
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 445757
Site Name: ALISO VIEJO TOWING & RECOVERY, INC
Violation Date: 07-11-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

ALISO VIEJO TOWING & RECOVERY, INC (Continued) **S123522862**

Violation Notes:	Returned to compliance on 12/03/2018. Complete the Emergency Response plan I emailed or the one on the CERS site and upload to CERS and submit for review within 30 days. The violation will be abated when the submittal is accepted.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	445757
Site Name:	ALISO VIEJO TOWING & RECOVERY, INC
Violation Date:	07-12-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 11/13/2018. OBSERVATION: The waste oil drums must be appropriately labeled. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. In addition, your waste oil filter drum must be labeled "used drained oil filters" with the date of accumulation. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. I have left labels to be affixed to the waste oil drums, put them on the drums and label the filter drum as listed above. Send me a picture of the labeled waste oil drums to abate the violation.
Violation Division:	Orange County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	445757
Site Name:	ALISO VIEJO TOWING & RECOVERY, INC
Violation Date:	07-11-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 12/03/2018. Complete all three sections in CERS for your site (business activities, materials, map and business emergency plan) and submit for review within 30 days. The violation will be abated when the submittal is accepted.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	445757
Site Name:	ALISO VIEJO TOWING & RECOVERY, INC
Violation Date:	09-09-2021
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial

ALISO VIEJO TOWING & RECOVERY, INC (Continued) **S123522862**

transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Accumulation period for storing waste absorbent has been exceeded since drum is full, "accumulation start date" is not label and there is no manifest documenting disposal of this waste in the last three years. Waste absorbent must be disposed of by registered hauler within 30 days of this inspection and copy of manifest be provided to this agency.
Violation Division: Orange County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 445757
Site Name: ALISO VIEJO TOWING & RECOVERY, INC
Violation Date: 07-12-2018
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 11/13/2018. OBSERVATION: waste absorbent and waste oil filters are stored in sawed off plastic drums. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately obtain drums that can be maintained lidded, and close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. Send me pictures of the labeled and closed waste absorbent and waste oil filter containers to abate the violation within 30 days.
Violation Division: Orange County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 445757
Site Name: ALISO VIEJO TOWING & RECOVERY, INC
Violation Date: 09-09-2021
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Please be advised that Hazardous Materials Business Plan (HMBP) must be certified annually by March 1st of every year. HMBP for this facility have not been reviewed annually and electronically certified that they are complete, accurate, and up-to-date. HMBP documents must be electronically certified within 30 days of this inspection by going to California Environmental Reporting System (CERS) at https://cers.calepa.ca.gov/
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 445757
Site Name: ALISO VIEJO TOWING & RECOVERY, INC

ALISO VIEJO TOWING & RECOVERY, INC (Continued) **S123522862**

Violation Date:	07-12-2018
Citation:	HSC 6.5 25189.5(a),25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a),25201(a)
Violation Description:	Failure to dispose of hazardous waste at a facility which has a permit from DTSC or disposing of hazardous waste at any point which is not authorized according to HSC 6.5.
Violation Notes:	Returned to compliance on 11/13/2018. Immediately discontinue disposing of waste absorbent from both this site and crash sites in either the trash or in the cars. Start accumulating the waste for disposal as a hazardous waste. To abate the violation, send me a picture of the labeled and lidded waste absorbent drum within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	445757
Site Name:	ALISO VIEJO TOWING & RECOVERY, INC
Violation Date:	07-12-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 11/13/2018. OBSERVATION: Copies of hazardous waste disposal records] were not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, maintain them on site, and submit copies to the CUPA by August 15 to abate the violation.
Violation Division:	Orange County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	445757
Site Name:	ALISO VIEJO TOWING & RECOVERY, INC
Violation Date:	07-11-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 12/03/2018. Complete the site map I emailed or the one on the CERS site and upload to CERS and submit for review within 30 days. The violation will be abated when the submittal is accepted.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	445757
Site Name:	ALISO VIEJO TOWING & RECOVERY, INC
Violation Date:	09-09-2021
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)

ALISO VIEJO TOWING & RECOVERY, INC (Continued) **S123522862**

Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Training in hazardous materials management has not been provided for employee(s). Training that includes safety procedures in the event of a release or threatened release of hazardous materials, must be conducted within 30 days of this inspection and records be submitted to this agency.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 445757
Site Name: ALISO VIEJO TOWING & RECOVERY, INC
Violation Date: 07-12-2018
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 11/13/2018. The waste absorbent waste from below wrecked cars is presumed to be hazardous by this agency. Manage this waste as hazardous waste unless you can prove to this agency that the waste is non-hazardous by submitting to a certified lab for analysis. Because the absorbent waste is obtained from numerous locations when you pick up the vehicles, determining that it is not a hazardous waste is problematic. You must bring this waste back to your site and dispose of it as hazardous waste or if it is not saturated, you may continue to use the absorbent at your location until you dispose of it as a hazardous waste through your hazardous waste transporter. Until you have proven this waste absorbent is not hazardous, the waste absorbent generated at the pickup site and in the shop, must be managed as a hazardous waste. Obtain a lidded drum and label it as a hazardous waste- a label was left during the inspection.
Violation Division: Orange County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-11-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a new hazardous materials chemical inventory and business emergency plan inspection this date, consent to enter, inspect and take photographs was given by - Eddie Gueva Hazardous materials storage area were reviewed at this time. The facility has the following hazardous materials that exceed the required disclosure quantities: - 110 gallons of used oil - 40 gallons of propane - 330 gallons of DEF *For your reference, CAS # 64742-57-0, and hazard category combustible IIIB is used for waste/used oil. Use federal hazard category flammable and OHH The facility is required (and is notified) to electronically submit the following documents within 30 days of this inspection: - Business Activities form - Owner/Operator Identification form - Hazardous Material Chemical Inventory forms - Facility Site Map - Business Emergency Plan The above documents can be electronically submitted by going to http://cers.calepa.ca.gov/ and

ALISO VIEJO TOWING & RECOVERY, INC (Continued) **S123522862**

requesting a [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-10-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site for follow up inspection to review manifest for waste absorbent that was stored on site beyond permissible accumulation period and correct outstanding violation cited during inspection conducted on 9/9/21. Mr. Maldonado stated that waste absorbent is scheduled to be picked up today and copy of manifest will be submitted to this agency. Please be advised that copy of manifest must be submitted to this agency by 12/27/21 to avoid further enforcement action.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-10-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site to conduct follow up inspection to discuss and correct the following outstanding violations cited during routine inspection conducted on 9/9/21: - Violation I239 regarding failure to provide hazardous materials training for employees. Violation cannot be corrected since training has not been conducted. - Violation I463 regarding failure to annually review and electronically certify that Hazardous Materials Business Plan (HMBP) is complete, accurate and up-to date. Violation cannot be corrected since documents have not been submitted to CERS. Violations must be complied with by 12/27/21 to avoid further enforcement action. Please be advised that second or subsequent re-inspections may be conducted at an hourly rate. Please refer to HCA Environmental Health Division, Hazardous Materials Management Program Fee Schedule at https://www.ochealthinfo.com/about-hca/public-health-services/environmental-health-services/resources/fees-services for more [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-09-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to conduct hazardous materials chemical inventory and business emergency plan inspection. Jorge Maldonado granted consent to conduct inspection. I walked through facility and inspected hazardous material storage areas throughout the shop. There has been changes in types and/or volumes of the hazardous material stored on site since last inspection or previous reporting period. Facility is now storing absorbent, Solid A Sorb (Diotamceous Earth) at disclosure threshold. Please report/submit inventory form for this material to CERS within 30 days of this inspection. The 55 gallons of new motor oil and 55

ALISO VIEJO TOWING & RECOVERY, INC (Continued) **S123522862**

gallons of diesel engine oil are exempt from reporting since volume of each type of oil does not exceed 55 gallons and total volume of all types of oil does not exceeds 275 gallons. Facility stores the following hazardous materials at disclosure threshold: - 40 gallons of propane - 110 gallons of Waste Oil - approximately 6000 pounds of Solid A Sorb [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-09-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to conduct routine hazardous waste inspection. Jorge Maldonado granted consent to conduct inspection. I walked through facility, perimeter and inspected hazardous waste storage areas in the shop. I did not observe any hazardous waste in municipal trash or trash cans throughout the shop. Waste oil (2), used oil filter (1) and waste absorbent (1) drums are stored closed and labeled. Please be advised that "accumulation start date" must be written on the label(s) when there is 27 gallons or 220 pound of hazardous waste stored on site, then have all waste hauled off site by a registered transporter for proper disposal within 180 days of that date in CA or 270 days if disposed outside of CA. Manifests were reviewed. Accumulation period for storing waste absorbent has been exceeded since drum is full, "accumulation start date" is not label and there is no manifest documenting disposal of this waste in the last three years. Waste absorbent must be disposed [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-11-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: New hazardous waste generator Aliso Viejo Towing and Recovery Inc, 31 Argonaut, Aliso Viejo, CA Emailed copy of report to owner- Victor and to Eddie Gueva

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 445757
Facility Name: ALISO VIEJO TOWING & RECOVERY, INC
Env Int Type Code: HMBP
Program ID: 10777825
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.592020
Longitude: -117.726130

Affiliation:
Affiliation Type Desc: Document Preparer

ALISO VIEJO TOWING & RECOVERY, INC (Continued) **S123522862**

Entity Name:	Elsa Zaragoza Jimenez
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	EDDIE CUEVA
Entity Title:	Not reported
Affiliation Address:	31 Argonaut
Affiliation City:	Aliso Viejo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92656
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Victor Jimenez
Entity Title:	Not reported
Affiliation Address:	31 Argonaut
Affiliation City:	Aliso Viejo
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92656
Affiliation Phone:	(949) 360-8068,
Affiliation Type Desc:	Property Owner
Entity Name:	Aliso Viejo Towing & Recovery, Inc.
Entity Title:	Not reported
Affiliation Address:	31 Argonaut
Affiliation City:	Aliso Viejo
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92656
Affiliation Phone:	(949) 360-8068,
Affiliation Type Desc:	Parent Corporation
Entity Name:	ALISO VIEJO TOWING AND RECOVERY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611

ALISO VIEJO TOWING & RECOVERY, INC (Continued) **S123522862**

Affiliation Phone:	(714) 433-6406,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	31 Argonaut
Affiliation City:	Aliso Viejo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92656
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Victor Jimenez
Entity Title:	owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Victor Jimenez
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 360-8068,

E28 **ALISO VIEJO TOWING** **RCRA NonGen / NLR** **1024872919**
SE **31 ARGONAUT** **E MANIFEST** **CAL000441567**
< 1/8 **ALISO VIEJO, CA 92656**
0.078 mi.
411 ft. **Site 2 of 3 in cluster E**

Relative: **Higher**

Actual: **471 ft.**

RCRA Listings:

Date Form Received by Agency:	20181206
Handler Name:	Aliso Viejo Towing
Handler Address:	31 Argonaut
Handler City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAL000441567
Contact Name:	VICTOR JIMENEZ
Contact Address:	31 ARGONAUT
Contact City,State,Zip:	ALISO VIEJO, CA 92656
Contact Telephone:	714-360-8068
Contact Fax:	949-273-6578
Contact Email:	VICTOR@ALISOVIEJOTOWING.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

ALISO VIEJO TOWING (Continued) **1024872919**

Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		31 ARGONAUT
Mailing City,State,Zip:		ALISO VIEJO, CA 92656
Owner Name:	Victor Jimenez	
Owner Type:		Other
Operator Name:	Victor Jimenez	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20181220
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: VICTOR JIMENEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

ALISO VIEJO TOWING (Continued) **1024872919**

Owner/Operator Address: 31 ARGONAUT
Owner/Operator City,State,Zip: ALISO VIEJO, CA 92656
Owner/Operator Telephone: 949-360-8068
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: VICTOR JIMENEZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 31 ARGONAUT
Owner/Operator City,State,Zip: ALISO VIEJO, CA 92656
Owner/Operator Telephone: 714-360-8068
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181206
Handler Name: ALISO VIEJO TOWING
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: All Other Waste Management Services

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:
Manifest Tracking Number: 006971408GBF
Last Updated Date: 20220311
Shipped Date: 20220114
Received Date: 20220202
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Web
Generator EPA ID: CAL000441567
Generator Name: Aliso Viejo Towing
Generator Location Street Number: Not reported

ALISO VIEJO TOWING (Continued) **1024872919**

Generator Location Street 1:	31 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	31 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000520478
Designated Facility Name:	Environmental Waste Solutions, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO BOX 626
Designated Facility Mail City:	LOMA LINDA
Designated Facility Mail Zip:	92354
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	31915 INDUSTRIAL LANE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	PARKER
Designated Facility Location Zip:	85344
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	025152091JJK
Last Updated Date:	20240715
Shipped Date:	20240624
Received Date:	20240627
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAS111111030
Generator Name:	Orange County Dept Public Works
Generator Location Street Number:	Not reported
Generator Location Street 1:	31 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92056
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	31 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92056
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD028409019
Designated Facility Name:	Crosby & Overton
Designated Facility Mail Street Number:	1630
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	W. 17TH STREET

ALISO VIEJO TOWING (Continued) **1024872919**

Designated Facility Mail City:	LONG BEACH
Designated Facility Mail Zip:	90813
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1630
Designated Facility Location Street 1:	W. 17TH STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LONG BEACH
Designated Facility Location Zip:	90813
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	025152091JJK
Transporter Line Number:	1
Transporter EPA ID:	CAD983608258
Transporter Name:	Ocean Blue Environmental Services

Waste Line:

Manifest Tracking Number:	025152091JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non-Rcra Hazardous Waste, Liquid
Number of Containers:	3
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	120
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.50042
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.50042
Waste Quantity, in Kilograms:	453.89324
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	453.8959526
Management Method Code:	H136
Management Method Description:	DISCHARGE TO SEWER/POTW
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0

ALISO VIEJO TOWING (Continued) **1024872919**

Quantity Haz Tons:	0
Quantity Non Haz Kg:	453.8959526
Quantity Non Haz Tons:	0.50042
State Waste Codes:	CA-135

F29 **ECONO LUBE N TUNE** **UST** **U003779139**
WSW **22932 GLENWOOD DR** **N/A**
< 1/8 **ALISO VIEJO, CA 92656**
0.081 mi.
428 ft. **Site 1 of 2 in cluster F**

Relative: **Higher**

Actual: **515 ft.**

UST:

Name:	ECONO LUBE N TUNE
Address:	22932 GLENWOOD DR
City,State,Zip:	ALISO VIEJO, CA 92656
Facility ID:	14836
Permitting Agency:	ORANGE COUNTY
CERSID:	Not reported
Latitude:	33.5943958
Longitude:	-117.7280934
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

F30
WSW
< 1/8
0.081 mi.
428 ft.

UTV REPAIR LLC DBA GLENWOOD ALISO CREEK AUTO REPAI
22932 GLENWOOD DR
ALISO VIEJO, CA 92656

RCRA NonGen / NLR
E MANIFEST

1027470009
CAL000474466

Site 2 of 2 in cluster F

Relative:
Higher

Actual:
515 ft.

RCRA Listings:

Date Form Received by Agency:		20221104
Handler Name:		Utv Repair Llc Dba Glenwood Aliso Creek Auto Repair
Handler Address:		22932 Glenwood Dr
Handler City,State,Zip:		ALISO VIEJO, CA 92656
EPA ID:		CAL000474466
Contact Name:		JESSE PASCAL
Contact Address:		22932 GLENWOOD DR
Contact City,State,Zip:		ALISO VIEJO, CA 92656
Contact Telephone:		949-505-5056
Contact Fax:		Not reported
Contact Email:		ALISOCREEKAUTO@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		807 W CHAPMAN AVE
Mailing City,State,Zip:		ORANGE, CA 92868
Owner Name:	Utv Repair Llc	
Owner Type:		Other
Operator Name:	Jesse Pascal	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No

UTV REPAIR LLC DBA GLENWOOD ALISO CREEK AUTO REPAIR (Continued) **1027470009**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221105
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: UTV REPAIR LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	807 W CHAPMAN AVE
Owner/Operator City,State,Zip:	ORANGE, CA 92868
Owner/Operator Telephone:	949-505-5056
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JESSE PASCAL	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	22932 GLENWOOD DR
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	949-505-5056
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20221104
Handler Name:	UTV REPAIR LLC DBA GLENWOOD ALISO CREEK AUTO REPAIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

UTV REPAIR LLC DBA GLENWOOD ALISO CREEK AUTO REPAIR (Continued) **1027470009**

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: General Automotive Repair

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	007259481GBF
Last Updated Date:	20230823
Shipped Date:	20230713
Received Date:	20230717
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000474466
Generator Name:	Utv Repair Llc Dba Glenwood Aliso Creek Auto Repair
Generator Location Street Number:	Not reported
Generator Location Street 1:	22932 GLENWOOD DR
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	807 W CHAPMAN AVE
Generator Mail Street 2:	Not reported
Generator Mail City:	ORANGE
Generator Mail Zip:	92868
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000520478
Designated Facility Name:	Environmental Waste Solutions, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO BOX 626
Designated Facility Mail City:	LOMA LINDA
Designated Facility Mail Zip:	92354
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	31915 INDUSTRIAL LANE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	PARKER
Designated Facility Location Zip:	85344
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	007259481GBF
Transporter Line Number:	1

UTV REPAIR LLC DBA GLENWOOD ALISO CREEK AUTO REPAIR (Continued) **1027470009**

Transporter EPA ID: CAL000464694
Transporter Name: Golden State Environmental

Manifest Tracking Number: 007259481GBF
Transporter Line Number: 2
Transporter EPA ID: CAR000183574
Transporter Name: Environmental Mngmt Technologies Inc

Waste Line:
Manifest Tracking Number: 007259481GBF
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: Non Rcra Hazardous Waste Solid
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 55
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0275
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0275
Waste Quantity, in Kilograms: 24.943325
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 24.943325
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N
Federal Waste Codes: Not reported
Quantity Haz Kg: Not reported
Quantity Haz Tons: Not reported
Quantity Non Haz Kg: 24.943325
Quantity Non Haz Tons: 0.0275
State Waste Codes: CA-352

E31
SE
< 1/8
0.105 mi.
557 ft.

Relative:
Higher

Actual:
463 ft.

PARA TECH COASTING INC
35 ARGONAUT CIRCLE #A-1
ALISO VIEJO, CA 92656

Site 3 of 3 in cluster E

RCRA-SQG **1001815610**
CERS HAZ WASTE **CAR000057828**
FINDS
ECHO
E MANIFEST
HWTS
HAZNET
CERS

RCRA Listings:

Date Form Received by Agency:		19991013
Handler Name:		Para Tech Coating Inc
Handler Address:		35 Argonaut
Handler City,State,Zip:		ALISO VIEJO, CA 92656
EPA ID:		CAR000057828
Contact Name:		LUIS SORIANO
Contact Address:		35 ARGONAUT
Contact City,State,Zip:		ALISO VIEJO, CA 92656
Contact Telephone:		949-855-8010
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		35 ARGONAUT
Mailing City,State,Zip:		ALISO VIEJO, CA 92656
Owner Name:	Jeffrey Stewart	
Owner Type:		Private
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No

PARA TECH COASTING INC (Continued) **1001815610**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: JEFFREY STEWART	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	35 ARGONAUT
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	949-855-8010
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19991013
Handler Name: PARA TECH COATING INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

PARA TECH COASTING INC (Continued) **1001815610**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CERS HAZ WASTE:
Name: PARA TECH COATING INC
Address: 35 ARGONAUT
City,State,Zip: ALISO VIEJO, CA 92656
Site ID: 418870
CERS ID: 10548292
CERS Description: Hazardous Waste Generator

FINDS:
Registry ID: 110002930437

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
California's Hazardous Waste Tracking System Data Mart (HWTS-DATAMART) provides information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001815610
Registry ID: 110002930437

DFR URL:
Name: PARA TECH COATING INC
Address: 35 Argonaut
City,State,Zip: ALISO VIEJO, CA 92656

E MANIFEST:
Manifest Tracking Number: 019178068JJK
Last Updated Date: 20190215
Shipped Date: 20190121
Received Date: 20190128
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: CAR000057828
Generator Name: Para Tech Coating Inc
Generator Location Street Number: Not reported
Generator Location Street 1: 35 ARGONAUT
Generator Location Street 2: Not reported

PARA TECH COASTING INC (Continued) **1001815610**

Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	35 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	Demenno/Kerdoon
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	025014055JJK
Last Updated Date:	20230424
Shipped Date:	20230403
Received Date:	20230413
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000057828
Generator Name:	Para Tech Coating
Generator Location Street Number:	Not reported
Generator Location Street 1:	35 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	35 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003

PARA TECH COASTING INC (Continued) **1001815610**

Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020250392JJK
Last Updated Date:	20190918
Shipped Date:	20190815
Received Date:	20190826
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000057828
Generator Name:	Para Tech Coating Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	35 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	35 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	026364142JJK
Last Updated Date:	20240401
Shipped Date:	20240219
Received Date:	20240308
Manifest Status:	Signed
Submission Type:	DataImage5Copy

PARA TECH COASTING INC (Continued) **1001815610**

Origin Type:	Web
Generator EPA ID:	CAR000057828
Generator Name:	Para Tech Coating Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	35 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	35 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000520304
Designated Facility Name:	Aa Sydcol Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	3155 GOLDEN WILLOW CT
Designated Facility Mail City:	YORBA LINDA
Designated Facility Mail Zip:	92886-1303
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2264 E 13TH ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365-1858
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	020249632JJK
Last Updated Date:	20190617
Shipped Date:	20190521
Received Date:	20190528
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000057828
Generator Name:	Para Tech Coating Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	35 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	35 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352

PARA TECH COASTING INC (Continued) **1001815610**

Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019175433JJK
Last Updated Date:	20181203
Shipped Date:	20181108
Received Date:	20181112
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000057828
Generator Name:	Para Tech Coating Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	35 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	35 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	Demenno Kerdoon
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

PARA TECH COASTING INC (Continued) **1001815610**

Manifest Tracking Number:	022146618JJK
Last Updated Date:	20210222
Shipped Date:	20210203
Received Date:	20210215
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000057828
Generator Name:	Para Tech Coating Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	35 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	35 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO BOX 578
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HWY 95 11 MI S OF BEATTY
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019173507JJK
Last Updated Date:	20190926
Shipped Date:	20180807
Received Date:	20180813
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000057828
Generator Name:	Para Tech Coating Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	35 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	35 ARGONAUT

PARA TECH COASTING INC (Continued) **1001815610**

Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	Demenno Kerdoon
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019173916JJK
Last Updated Date:	20181020
Shipped Date:	20180918
Received Date:	20180924
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000057828
Generator Name:	Para Tech Coating Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	35 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	35 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	Demenno/Kerdoon
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON

PARA TECH COASTING INC (Continued) **1001815610**

Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018527816FLE
Last Updated Date:	20230605
Shipped Date:	20230516
Received Date:	20230522
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000057828
Generator Name:	Para Tech Coasting Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	35 ARGONAUT CIRCLE #A-1
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	35 ARGONAUT CIRCLE #A-1
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	017956575FLE
Last Updated Date:	20221123
Shipped Date:	20221025
Received Date:	20221031
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000057828
Generator Name:	Para Tech Coating Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	35 ARGONAUT

PARA TECH COASTING INC (Continued) **1001815610**

Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	35 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	022117985JJK
Transporter Line Number:	1
Transporter EPA ID:	CAR000172189
Transporter Name:	Amberwick Corporation

Waste Line:

Manifest Tracking Number:	022117985JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Baghouse Dust (Non-Rcra Solid)
Number of Containers:	2
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	1800
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.9
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.9
Waste Quantity, in Kilograms:	816.327
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	816.327
Management Method Code:	H132
Management Method Description:	LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)

PARA TECH COASTING INC (Continued) **1001815610**

Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	816.327
Quantity Non Haz Tons:	0.9
State Waste Codes:	CA-181

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

HWTS:

Name:	PARA TECH COATING
Address:	35 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAR000057828
Inactive Date:	Not reported
Create Date:	04/26/2000
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	35 ARGONAUT A-1
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ALISO VIEJO, CA 926564151
Owner Name:	PAUL STEWART
Owner Address:	35 ARGONAUT
Owner Address 2:	Not reported
Owner City,State,Zip:	ALISO VIEJO, CA 926564151
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	PATRICIA LANGRAPHI
Contact Address:	35 ARGONAUT A-1
Contact Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 92656
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	33.59196
Longitude:	-117.72548

NAICS:

EPA ID:	CAR000057828

PARA TECH COASTING INC (Continued) **1001815610**

Create Date:	2002-03-14 16:36:30.000
NAICS Code:	3328
NAICS Description:	Coating, Engraving, Heat Treating, and Allied Activities
Issued EPA ID Date:	2000-04-26 00:00:00
Inactive Date:	Not reported
Facility Name:	PARA TECH COATING INC
Facility Address:	35 ARGONAUT
Facility Address 2:	Not reported
Facility City:	ALISO VIEJO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	926564151

EPA ID:	CAR000057828
Create Date:	2007-04-03 13:26:14.080
NAICS Code:	339914
NAICS Description:	Costume Jewelry and Novelty Manufacturing
Issued EPA ID Date:	2000-04-26 00:00:00
Inactive Date:	Not reported
Facility Name:	PARA TECH COATING INC
Facility Address:	35 ARGONAUT
Facility Address 2:	Not reported
Facility City:	ALISO VIEJO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	926564151

HAZNET:

Name:	PARA TECH COATING
Address:	35 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO, CA 926564151
Contact:	PATRICIA LANGRAPHI
Telephone:	9499008860
Mailing Name:	Not reported
Mailing Address:	35 ARGONAUT A-1

Year:	2021
Gepaid:	CAR000057828
TSD EPA ID:	NVT330010000
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	2.4

Year:	2020
Gepaid:	CAR000057828
TSD EPA ID:	NVT330010000
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	1.6

Year:	2020
Gepaid:	CAR000057828
TSD EPA ID:	CAT080013352

PARA TECH COASTING INC (Continued) **1001815610**

CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.19

Year: 2019
Gepaid: CAR000057828
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.00000

Year: 2018
Gepaid: CAR000057828
TSD EPA ID: MXC130619001
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H020 - Solvents Recovery
Tons: 1.39800

Year: 2018
Gepaid: CAR000057828
TSD EPA ID: MXC130619001
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H020 - Solvents Recovery
Tons: 2.12400

Year: 2018
Gepaid: CAR000057828
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.00000

Year: 2017
Gepaid: CAR000057828
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.589

Year: 2017
Gepaid: CAR000057828
TSD EPA ID: MXC130619001
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H020 - Solvents Recovery
Tons: 0.396

Year: 2017
Gepaid: CAR000057828
TSD EPA ID: MXC130619001
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H020 - Solvents Recovery
Tons: 2.736

PARA TECH COASTING INC (Continued) **1001815610**

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

Additional Information:

Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	7/23/2020
Shipment Date:	7/23/2020
Receipt Date:	7/28/2020
Manifest Number:	020952242JJK
Generator EPA ID:	CAR000057828
Name:	PARA TECH COATING INC
Address:	35 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO 92656
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	626-961-9326
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000172189
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000045963
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVT330010000
TSDF Name:	US ECOLOGY NEVADA, INC
TSDF Address 1:	HWY 95 11 MI S OF BEATTY
TSDF Address 2:	Not reported
TSDF City,State,Zip:	BEATTY 89003
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	2/24/2020
Shipment Date:	2/24/2020
Receipt Date:	3/2/2020
Manifest Number:	021174458JJK
Generator EPA ID:	CAR000057828
Name:	PARA TECH COATING INC
Address:	35 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO 92656
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	949-855-8010
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000129759
Transporter Name:	Not reported

PARA TECH COASTING INC (Continued) **1001815610**

Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAT080013352
TSDF Name:	WORLD OIL RECYCLING
TSDF Address 1:	N. ALAMEDA STREET
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COMPTON 90222-0000
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	10/5/2020
Shipment Date:	10/5/2020
Receipt Date:	10/13/2020
Manifest Number:	022117985JJK
Generator EPA ID:	CAR000057828
Name:	PARA TECH COATING INC
Address:	35 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO 92656
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	626-961-9326
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000172189
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVT330010000
TSDF Name:	US ECOLOGY NEVADA, INC
TSDF Address 1:	HWY 95 11 MI S OF BEATTY
TSDF Address 2:	Not reported
TSDF City,State,Zip:	BEATTY 89003
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Additional Information:

Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	7/23/2020

PARA TECH COASTING INC (Continued) **1001815610**

Shipment Date:	7/23/2020
Receipt Date:	7/28/2020
Manifest Number:	020952242JJK
Generator EPA ID:	CAR000057828
Name:	PARA TECH COATING INC
Address:	35 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO 92656
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	626-961-9326
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000172189
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000045963
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVT330010000
TSDF Name:	US ECOLOGY NEVADA, INC
TSDF Address 1:	HWY 95 11 MI S OF BEATTY
TSDF Address 2:	Not reported
TSDF City,State,Zip:	BEATTY 89003
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	2/24/2020
Shipment Date:	2/24/2020
Receipt Date:	3/2/2020
Manifest Number:	021174458JJK
Generator EPA ID:	CAR000057828
Name:	PARA TECH COATING INC
Address:	35 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO 92656
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	949-855-8010
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000129759
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAT080013352
TSDF Name:	WORLD OIL RECYCLING
TSDF Address 1:	N. ALAMEDA STREET
TSDF Address 2:	Not reported

PARA TECH COASTING INC (Continued) **1001815610**

TSDF City,State,Zip:	COMPTON 90222-0000
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	10/5/2020
Shipment Date:	10/5/2020
Receipt Date:	10/13/2020
Manifest Number:	022117985JJK
Generator EPA ID:	CAR000057828
Name:	PARA TECH COATING INC
Address:	35 ARGONAUT
Address 2:	Not reported
City,State,Zip:	ALISO VIEJO 92656
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	626-961-9326
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000172189
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVT330010000
TSDF Name:	US ECOLOGY NEVADA, INC
TSDF Address 1:	HWY 95 11 MI S OF BEATTY
TSDF Address 2:	Not reported
TSDF City,State,Zip:	BEATTY 89003
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Additional Information:

Year:	2019
EM Manifest ID:	019173508JJK20180807_D_1
Shipment Date:	8/7/2018
Shipment Date:	8/7/2018
Receipt Date:	8/10/2018
Manifest Number:	019173508JJK
Generator EPA ID:	CAR000057828
Name:	PARA TECH COATING INC
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported

PARA TECH COASTING INC (Continued) **1001815610**

Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000129759
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000194217
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	MXC130619001
TSDF Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2019
EM Manifest ID:	019173508JJK20180807_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2018-08-07
Manifest Number:	019173508JJK
Line Number:	1
Method Code:	H020
Quantity Tons:	0.54000
Quantity Waste:	150.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

State:

Year:	2019
EM Manifest ID:	019173508JJK20180807_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2018-08-07
Manifest Number:	019173508JJK
Line Number:	1
Method Code:	H020
Quantity Tons:	0.54000
Quantity Waste:	150.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
State Code:	214

PARA TECH COASTING INC (Continued) **1001815610**

Year:	2019
EM Manifest ID:	018408633JJK20180705_D_1
Shipment Date:	7/5/2018
Shipment Date:	7/5/2018
Receipt Date:	7/12/2018
Manifest Number:	018408633JJK
Generator EPA ID:	CAR000057828
Name:	PARA TECH COATING INC
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000129759
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000194217
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	MXC130619001
TSDF Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2019
EM Manifest ID:	018408633JJK20180705_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2018-07-05
Manifest Number:	018408633JJK
Line Number:	1
Method Code:	H020
Quantity Tons:	0.39600
Quantity Waste:	110.000000
Quantity Unit:	G
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

State:

Year:	2019
EM Manifest ID:	018408633JJK20180705_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2018-07-05
Manifest Number:	018408633JJK

PARA TECH COASTING INC (Continued) **1001815610**

Line Number: 1
Method Code: H020
Quantity Tons: 0.39600
Quantity Waste: 110.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
State Code: 214

Additional Information:
Year: 2018
EM Manifest ID: 017524486JJK20170926_D_1
Shipment Date: 9/26/2017
Shipment Date: 9/26/2017
Receipt Date: 10/2/2017
Manifest Number: 017524486JJK
Generator EPA ID: CAR000057828
Name: PARA TECH COATING INC
Address: Not reported
Address 2: Not reported
City,State,Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Transporter 1 EPA ID: CAR000129759
Transporter Name: Not reported
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000194217
Transporter Name 2: Not reported
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: MXC130619001
TSDF Name: RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City,State,Zip: Not reported
TSDF Telephone: Not reported
TSDFA EPA ID: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

Federal:
Year: 2018
EM Manifest ID: 017524486JJK20170926_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-09-26
Manifest Number: 017524486JJK
Line Number: 1
Method Code: H020
Quantity Tons: 0.03750
Quantity Waste: 75.000000

PARA TECH COASTING INC (Continued) **1001815610**

Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

Year: 2018
EM Manifest ID: 017524486JJK20170926_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-09-26
Manifest Number: 017524486JJK
Line Number: 2
Method Code: H020
Quantity Tons: 0.01250
Quantity Waste: 25.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

Year: 2018
EM Manifest ID: 017524486JJK20170926_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-09-26
Manifest Number: 017524486JJK
Line Number: 2
Method Code: H020
Quantity Tons: 0.01250
Quantity Waste: 25.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: D018

Year: 2018
EM Manifest ID: 017524486JJK20170926_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-09-26
Manifest Number: 017524486JJK
Line Number: 2
Method Code: H020
Quantity Tons: 0.01250
Quantity Waste: 25.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: F003

State:
Year: 2018
EM Manifest ID: 017524486JJK20170926_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-09-26
Manifest Number: 017524486JJK

PARA TECH COASTING INC (Continued) **1001815610**

Line Number:	1
Method Code:	H020
Quantity Tons:	0.03750
Quantity Waste:	75.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331
Year:	2018
EM Manifest ID:	017524486JJK20170926_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2017-09-26
Manifest Number:	017524486JJK
Line Number:	2
Method Code:	H020
Quantity Tons:	0.01250
Quantity Waste:	25.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	343
Year:	2018
EM Manifest ID:	017524359JJK20170912_D_1
Shipment Date:	9/12/2017
Shipment Date:	9/12/2017
Receipt Date:	9/22/2017
Manifest Number:	017524359JJK
Generator EPA ID:	CAR000057828
Name:	PARA TECH COATING INC
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000129759
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000163824
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	MXC130619001
TSDF Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported

PARA TECH COASTING INC (Continued) **1001815610**

Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

Federal:
Year: 2018
EM Manifest ID: 017524359JJK20170912_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-09-12
Manifest Number: 017524359JJK
Line Number: 1
Method Code: H020
Quantity Tons: 0.59400
Quantity Waste: 165.000000
Quantity Unit: G
Number of Containers: 3
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

State:
Year: 2018
EM Manifest ID: 017524359JJK20170912_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-09-12
Manifest Number: 017524359JJK
Line Number: 1
Method Code: H020
Quantity Tons: 0.59400
Quantity Waste: 165.000000
Quantity Unit: G
Number of Containers: 3
Type of Container: NULL
Quantity Type: NULL
State Code: 214

Year: 2018
EM Manifest ID: 017523835JJK20170714_D_1
Shipment Date: 7/14/2017
Shipment Date: 7/14/2017
Receipt Date: 7/21/2017
Manifest Number: 017523835JJK
Generator EPA ID: CAR000057828
Name: PARA TECH COATING INC
Address: Not reported
Address 2: Not reported
City,State,Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Transporter 1 EPA ID: CAR000129759
Transporter Name: Not reported
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000163824
Transporter Name 2: Not reported

PARA TECH COASTING INC (Continued) **1001815610**

Transporter 2 Emergency Number: Not reported
TSDF EPA ID: MXC130619001
TSDF Name: RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City,State,Zip: Not reported
TSDF Telephone: Not reported
TSDFA EPA ID: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

Federal:
Year: 2018
EM Manifest ID: 017523835JJK20170714_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-07-14
Manifest Number: 017523835JJK
Line Number: 1
Method Code: H020
Quantity Tons: 0.79200
Quantity Waste: 220.000000
Quantity Unit: G
Number of Containers: 4
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

State:
Year: 2018
EM Manifest ID: 017523835JJK20170714_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-07-14
Manifest Number: 017523835JJK
Line Number: 1
Method Code: H020
Quantity Tons: 0.79200
Quantity Waste: 220.000000
Quantity Unit: G
Number of Containers: 4
Type of Container: NULL
Quantity Type: NULL
State Code: 214

Year: 2018
EM Manifest ID: 018407313JJK20180607_D_1
Shipment Date: 6/7/2018
Shipment Date: 6/7/2018
Receipt Date: 6/13/2018
Manifest Number: 018407313JJK
Generator EPA ID: CAR000057828
Name: PARA TECH COATING INC
Address: Not reported

PARA TECH COASTING INC (Continued) **1001815610**

Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000129759
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000194217
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	MXC130619001
TSDF Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2018
EM Manifest ID:	018407313JJK20180607_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2018-06-07
Manifest Number:	018407313JJK
Line Number:	1
Method Code:	H020
Quantity Tons:	1.18800
Quantity Waste:	330.000000
Quantity Unit:	G
Number of Containers:	6
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

State:

Year:	2018
EM Manifest ID:	018407313JJK20180607_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2018-06-07
Manifest Number:	018407313JJK
Line Number:	1
Method Code:	H020
Quantity Tons:	1.18800
Quantity Waste:	330.000000
Quantity Unit:	G
Number of Containers:	6
Type of Container:	NULL
Quantity Type:	NULL
State Code:	214

PARA TECH COASTING INC (Continued) **1001815610**

Year:	2018
EM Manifest ID:	016687182JJK20170512_D_1
Shipment Date:	5/12/2017
Shipment Date:	5/12/2017
Receipt Date:	5/17/2017
Manifest Number:	016687182JJK
Generator EPA ID:	CAR000057828
Name:	PARA TECH COAING INC
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000129759
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000194217
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	MXC130619001
TSDF Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2018
EM Manifest ID:	016687182JJK20170512_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2017-05-12
Manifest Number:	016687182JJK
Line Number:	1
Method Code:	H020
Quantity Tons:	0.59400
Quantity Waste:	165.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

State:

Year:	2018
EM Manifest ID:	016687182JJK20170512_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2017-05-12
Manifest Number:	016687182JJK

PARA TECH COASTING INC (Continued) **1001815610**

Line Number: 1
Method Code: H020
Quantity Tons: 0.59400
Quantity Waste: 165.000000
Quantity Unit: G
Number of Containers: 3
Type of Container: NULL
Quantity Type: NULL
State Code: 214

Year: 2018
EM Manifest ID: 016686763JJK20170405_D_1
Shipment Date: 4/5/2017
Shipment Date: 4/5/2017
Receipt Date: 4/19/2017
Manifest Number: 016686763JJK
Generator EPA ID: CAR000057828
Name: PARA TECH COATING INC
Address: Not reported
Address 2: Not reported
City,State,Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Transporter 1 EPA ID: CAR000129759
Transporter Name: Not reported
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000194217
Transporter Name 2: Not reported
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: MXC130619001
TSDF Name: RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City,State,Zip: Not reported
TSDF Telephone: Not reported
TSDFA EPA ID: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

Federal:
Year: 2018
EM Manifest ID: 016686763JJK20170405_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-04-05
Manifest Number: 016686763JJK
Line Number: 1
Method Code: H020
Quantity Tons: 0.39600
Quantity Waste: 110.000000
Quantity Unit: G
Number of Containers: 2

PARA TECH COASTING INC (Continued) **1001815610**

Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

State:
Year: 2018
EM Manifest ID: 016686763JJK20170405_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-04-05
Manifest Number: 016686763JJK
Line Number: 1
Method Code: H020
Quantity Tons: 0.39600
Quantity Waste: 110.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
State Code: 214

Year: 2018
EM Manifest ID: 018408264JJK20180410_D_1
Shipment Date: 4/10/2018
Shipment Date: 4/10/2018
Receipt Date: 4/16/2018
Manifest Number: 018408264JJK
Generator EPA ID: CAR000057828
Name: PARA TECH COATING INC
Address: Not reported
Address 2: Not reported
City,State,Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Transporter 1 EPA ID: CAR000129759
Transporter Name: Not reported
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000163824
Transporter Name 2: Not reported
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: MXC130619001
TSDF Name: RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City,State,Zip: Not reported
TSDF Telephone: Not reported
TSDFA EPA ID: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

Federal:

PARA TECH COASTING INC (Continued) **1001815610**

Year:	2018
EM Manifest ID:	018408264JJK20180410_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2018-04-10
Manifest Number:	018408264JJK
Line Number:	1
Method Code:	H020
Quantity Tons:	0.12750
Quantity Waste:	255.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

State:

Year:	2018
EM Manifest ID:	018408264JJK20180410_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2018-04-10
Manifest Number:	018408264JJK
Line Number:	1
Method Code:	H020
Quantity Tons:	0.12750
Quantity Waste:	255.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331

Year:	2018
EM Manifest ID:	016700271JJK20170217_D_1
Shipment Date:	2/17/2017
Shipment Date:	2/17/2017
Receipt Date:	2/24/2017
Manifest Number:	016700271JJK
Generator EPA ID:	CAR000057828
Name:	PARA TECH COATING INC
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000129759
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000194217
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	MXC130619001
TSDF Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported

PARA TECH COASTING INC (Continued) **1001815610**

TSDF City,State,Zip: Not reported
TSDF Telephone: Not reported
TSDFA EPA ID: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

Federal:
Year: 2018
EM Manifest ID: 016700271JJK20170217_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-02-17
Manifest Number: 016700271JJK
Line Number: 1
Method Code: H020
Quantity Tons: 0.45870
Quantity Waste: 110.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

State:
Year: 2018
EM Manifest ID: 016700271JJK20170217_D_1
Generator EPA ID: CAR000057828
Shipment Date: 2017-02-17
Manifest Number: 016700271JJK
Line Number: 1
Method Code: H020
Quantity Tons: 0.45870
Quantity Waste: 110.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
State Code: 214

Year: 2018
EM Manifest ID: 018407758JJK20180213_D_1
Shipment Date: 2/13/2018
Shipment Date: 2/13/2018
Receipt Date: 2/16/2018
Manifest Number: 018407758JJK
Generator EPA ID: CAR000057828
Name: PARA TECH COATING INC
Address: Not reported
Address 2: Not reported
City,State,Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported

PARA TECH COASTING INC (Continued) **1001815610**

Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000129759
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000194217
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	MXC130619001
TSDF Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2018
EM Manifest ID:	018407758JJK20180213_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2018-02-13
Manifest Number:	018407758JJK
Line Number:	1
Method Code:	H020
Quantity Tons:	0.90750
Quantity Waste:	275.000000
Quantity Unit:	G
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

State:

Year:	2018
EM Manifest ID:	018407758JJK20180213_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2018-02-13
Manifest Number:	018407758JJK
Line Number:	1
Method Code:	H020
Quantity Tons:	0.90750
Quantity Waste:	275.000000
Quantity Unit:	G
Number of Containers:	5
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331

Year:	2018
EM Manifest ID:	017525416JJK20171109_D_1
Shipment Date:	11/9/2017

PARA TECH COASTING INC (Continued) **1001815610**

Shipment Date:	11/9/2017
Receipt Date:	11/29/2017
Manifest Number:	017525416JJK
Generator EPA ID:	CAR000057828
Name:	PARA TECH COATING INC
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000129759
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000163824
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	MXC130619001
TSDF Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2018
EM Manifest ID:	017525416JJK20171109_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2017-11-09
Manifest Number:	017525416JJK
Line Number:	1
Method Code:	H020
Quantity Tons:	0.72600
Quantity Waste:	220.000000
Quantity Unit:	G
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

State:

Year:	2018
EM Manifest ID:	017525416JJK20171109_D_1
Generator EPA ID:	CAR000057828
Shipment Date:	2017-11-09
Manifest Number:	017525416JJK
Line Number:	1
Method Code:	H020
Quantity Tons:	0.72600

PARA TECH COASTING INC (Continued) **1001815610**

Quantity Waste: 220.000000
Quantity Unit: G
Number of Containers: 4
Type of Container: NULL
Quantity Type: NULL
State Code: 331

Additional Information:
Year: 2017
Gen EPA ID: CAR000057828

Shipment Date: 20171109
Creation Date: 6/13/2018 18:30:34
Receipt Date: 20171113
Manifest ID: 017525415JJK
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171109
Creation Date: 10/30/2018 18:30:15
Receipt Date: 20171129
Manifest ID: 017525416JJK
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: CAR000163824
Trans 2 Name: TRIMSA USA INC
TSDF EPA ID: MXC130619001
Trans Name: RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.726
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

PARA TECH COASTING INC (Continued) **1001815610**

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

Shipment Date: 20170926
Creation Date: 11/8/2018 18:30:45
Receipt Date: 20171002
Manifest ID: 017524486JJK
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: CAR000194217
Trans 2 Name: TEMARRY RECYCLING INC
TSDF EPA ID: MXC130619001
Trans Name: RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.0375
Waste Quantity: 75
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170926
Creation Date: 11/8/2018 18:30:45
Receipt Date: 20171002
Manifest ID: 017524486JJK
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: CAR000194217
Trans 2 Name: TEMARRY RECYCLING INC
TSDF EPA ID: MXC130619001
Trans Name: RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: F003
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: D018
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170912
Creation Date: 7/24/2018 18:30:51
Receipt Date: 20170922
Manifest ID: 017524359JJK
Trans EPA ID: CAR000129759

PARA TECH COASTING INC (Continued) **1001815610**

Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.594
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170912
Creation Date:	5/30/2018 18:34:06
Receipt Date:	20170918
Manifest ID:	017524358JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.38
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170714
Creation Date:	7/18/2018 18:30:10
Receipt Date:	20170721
Manifest ID:	017523835JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture

PARA TECH COASTING INC (Continued) **1001815610**

RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.792
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170512
Creation Date:	7/21/2018 18:30:10
Receipt Date:	20170517
Manifest ID:	016687182JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000194217
Trans 2 Name:	TEMARRY-RECYCLING-INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.594
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170405
Creation Date:	5/11/2018 18:34:42
Receipt Date:	20170419
Manifest ID:	016686763JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000194217
Trans 2 Name:	TEMARRY RECYCLING INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.396
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

PARA TECH COASTING INC (Continued) **1001815610**

Additional Code 5: Not reported

Shipment Date: 20170217
Creation Date: 5/10/2018 18:30:36
Receipt Date: 20170224
Manifest ID: 016700271JJK
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: CAR000194217
Trans 2 Name: TEMARRY RECYCLING INC
TSDF EPA ID: MXC130619001
Trans Name: RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.396
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Information:
Year: 2016
Gen EPA ID: CAR000057828

Shipment Date: 20150929
Creation Date: 5/4/2016 22:15:08
Receipt Date: 20151007
Manifest ID: 014854329JJK
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: CAR000163824
Trans 2 Name: TRIMSA USA INC
TSDF EPA ID: MXC130619001
Trans Name: RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H020 - Solvents Recovery
Quantity Tons: 1.08
Waste Quantity: 300
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150915
Creation Date: 1/5/2016 22:35:46
Receipt Date: 20150921

PARA TECH COASTING INC (Continued) **1001815610**

Manifest ID:	014854253JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150915
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150924
Manifest ID:	014854254JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150915
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150924
Manifest ID:	014854254JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported

PARA TECH COASTING INC (Continued) **1001815610**

TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150915
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150924
Manifest ID:	014854254JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F003
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150714
Creation Date:	2/8/2016 22:17:27
Receipt Date:	20150722
Manifest ID:	014853774JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA- USA - INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.386
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

PARA TECH COASTING INC (Continued) **1001815610**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150428
Creation Date:	9/22/2015 22:15:43
Receipt Date:	20150507
Manifest ID:	013714494JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.188
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150224
Creation Date:	8/10/2015 22:15:28
Receipt Date:	20150227
Manifest ID:	013713498JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000194217
Trans 2 Name:	TEMARRY RECYCLING INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.188
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2015
Gen EPA ID:	CAR000057828
Shipment Date:	20150929

PARA TECH COASTING INC (Continued) **1001815610**

Creation Date:	5/4/2016 22:15:08
Receipt Date:	20151007
Manifest ID:	014854329JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.08
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150915
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150924
Manifest ID:	014854254JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F003
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150915
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150924
Manifest ID:	014854254JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV

PARA TECH COASTING INC (Continued) **1001815610**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150915
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150924
Manifest ID:	014854254JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150915
Creation Date:	1/5/2016 22:35:46
Receipt Date:	20150921
Manifest ID:	014854253JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G

PARA TECH COASTING INC (Continued) **1001815610**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150714
Creation Date:	2/8/2016 22:17:27
Receipt Date:	20150722
Manifest ID:	014853774JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA- USA - INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.386
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150428
Creation Date:	9/22/2015 22:15:43
Receipt Date:	20150507
Manifest ID:	013714494JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.188
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150224
Creation Date:	8/10/2015 22:15:28
Receipt Date:	20150227

PARA TECH COASTING INC (Continued) **1001815610**

Manifest ID:	013713498JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000194217
Trans 2 Name:	TEMARRY RECYCLING INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.188
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2014
Gen EPA ID:	CAR000057828
Shipment Date:	20141212
Creation Date:	6/23/2015 22:15:22
Receipt Date:	20141218
Manifest ID:	013712355JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000194217
Trans 2 Name:	TAMARRY RECYCLING INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.188
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141204
Creation Date:	3/9/2015 22:15:06
Receipt Date:	20141208
Manifest ID:	013712269JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

PARA TECH COASTING INC (Continued) **1001815610**

TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141014
Creation Date:	5/27/2015 22:15:12
Receipt Date:	20141023
Manifest ID:	012892381JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000194217
Trans 2 Name:	TEMARRY TRANSPORT
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.792
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140815
Creation Date:	2/13/2015 22:15:12
Receipt Date:	20140826
Manifest ID:	012891747JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.99

PARA TECH COASTING INC (Continued) **1001815610**

Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140610
Creation Date:	11/2/2014 22:15:05
Receipt Date:	20140618
Manifest ID:	012887221JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.44
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140415
Creation Date:	10/17/2014 22:15:06
Receipt Date:	20140424
Manifest ID:	012886636JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.386
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140327

PARA TECH COASTING INC (Continued) **1001815610**

Creation Date:	6/2/2014 22:15:08
Receipt Date:	20140331
Manifest ID:	012142953JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140304
Creation Date:	8/9/2014 22:15:07
Receipt Date:	20140310
Manifest ID:	012142742JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001
Trans Name:	RECICLADORA TEMARRY SE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.26
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140123
Creation Date:	7/7/2014 22:15:06
Receipt Date:	20140212
Manifest ID:	012141881JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	MXC130619001

PARA TECH COASTING INC (Continued) **1001815610**

Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.782
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2013
Gen EPA ID:	CAR000057828
Shipment Date:	20131210
Creation Date:	5/14/2014 22:14:54
Receipt Date:	20131217
Manifest ID:	012136965JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.386
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131030
Creation Date:	4/24/2014 22:15:02
Receipt Date:	20131107
Manifest ID:	012136617JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001

PARA TECH COASTING INC (Continued) **1001815610**

Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.188
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130820
Creation Date:	1/17/2014 22:15:06
Receipt Date:	20130829
Manifest ID:	011269969JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.476
Waste Quantity:	410
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130716
Creation Date:	11/20/2013 22:15:20
Receipt Date:	20130723
Manifest ID:	011269573JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.584
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

PARA TECH COASTING INC (Continued) **1001815610**

Shipment Date:	20130604
Creation Date:	8/12/2013 22:15:16
Receipt Date:	20130610
Manifest ID:	011269176JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130604
Creation Date:	10/30/2013 22:15:29
Receipt Date:	20130618
Manifest ID:	011269175JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.386
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130507
Creation Date:	9/20/2013 22:15:10
Receipt Date:	20130516
Manifest ID:	011268816JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC

PARA TECH COASTING INC (Continued) **1001815610**

TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.26
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130409
Creation Date:	8/25/2013 22:15:09
Receipt Date:	20130416
Manifest ID:	011268414JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.98
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130219
Creation Date:	7/9/2013 22:15:05
Receipt Date:	20130226
Manifest ID:	010480445JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.782
Waste Quantity:	495

PARA TECH COASTING INC (Continued) **1001815610**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130104
Creation Date:	5/14/2013 22:15:27
Receipt Date:	20130114
Manifest ID:	010480015JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.8
Waste Quantity:	500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2012
Gen EPA ID:	CAR000057828
Shipment Date:	20121106
Creation Date:	3/26/2013 22:15:29
Receipt Date:	20121109
Manifest ID:	010479517JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.26
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

PARA TECH COASTING INC (Continued) **1001815610**

Additional Code 5:	Not reported
Shipment Date:	20120926
Creation Date:	8/18/2013 22:15:21
Receipt Date:	20121002
Manifest ID:	010479180JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.386
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120814
Creation Date:	1/12/2013 22:15:35
Receipt Date:	20120820
Manifest ID:	010478702JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.368
Waste Quantity:	380
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120625
Creation Date:	5/31/2013 22:15:16
Receipt Date:	20120703
Manifest ID:	009495799JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824

PARA TECH COASTING INC (Continued) **1001815610**

Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.386
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120522
Creation Date:	5/28/2013 22:15:05
Receipt Date:	20120530
Manifest ID:	009498972JJK
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	1.188
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	PARA TECH COATING INC
Address:	35 ARGONAUT
City,State,Zip:	ALISO VIEJO, CA 92656
Site ID:	418870
CERS ID:	10548292
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	418870
Site Name:	PARA TECH COATING INC
Violation Date:	06-03-2024
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due

PARA TECH COASTING INC (Continued) **1001815610**

	date.
Violation Notes:	Returned to compliance on 07/30/2024. Business failed to certify HMBP on/before March 1, 2024. Submittal did not include the Emergency Plan section.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	418870
Site Name:	PARA TECH COATING INC
Violation Date:	04-13-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 05/13/2017. OBSERVATION: The waste IPA and waste chemicals in the flammable cabinet were not labeled during the inspection and the waste oil, was missing the accumulation date and was labeled with accumulation date during the inspection. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information as soon. Submit pictures of properly labeled IPA and IPA container located inside the buildings (the one emptied daily).
Violation Division:	Orange County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	418870
Site Name:	PARA TECH COATING INC
Violation Date:	10-03-2014
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 05/03/2017.
Violation Division:	Orange County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	418870
Site Name:	PARA TECH COATING INC
Violation Date:	04-13-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 05/03/2017. OBSERVATION: The annotated site map submitted to the CUPA does not include all of the following; -site orientation, -loading areas, -internal roads, -adjacent streets,

PARA TECH COASTING INC (Continued) **1001815610**

-storm drains (outside), -access and exit points, -emergency shutoffs inside and out for electric, natural gas and water, -evacuation staging areas, -hazardous material storage and handling areas, -emergency response equipment (spill equipment and fire extinguishers), -location of nearest fire hydrant/fire pumps/fire risers, -knox box location if you have one. Please add all of the required information to the map (both inside and outside) and resubmit. . CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS).

Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 418870
Site Name: PARA TECH COATING INC
Violation Date: 04-13-2017
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 05/13/2017. The waste oil drum was found with a funnel and no lid at the time of inspection. The drum bung was affixed to the container at the time of inspection. Train staff to ensure that all containers are maintained closed except when adding or removing waste.
Violation Division: Orange County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 418870
Site Name: PARA TECH COATING INC
Violation Date: 10-03-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 05/03/2017.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 418870
Site Name: PARA TECH COATING INC
Violation Date: 04-13-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 05/03/2017. OBSERVATION: INITIAL / ANNUAL

PARA TECH COASTING INC (Continued) **1001815610**

training documentation for all applicable employees was not available. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that employees have received training on safe handling of hazardous materials and the Emergency Response Plan within 30 days. Submit a copy of the training log indicating the above training and I will abate the violation.

Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Change of ownership submitted this date. New owner as of 2/8/2017is Metal Improvement Company LLC Routine inspection conducted this date in regards to hazardous waste, consent to enter, inspect and take photographs was given by Rick Segarra, materials manager. Hazardous waste containers on-site this date consisted of: waste alcohol and waste oil The containers are not in compliance with all applicable labeling requirements this date, see violation. Per Rick Segarra, employees receive Hazardous Waste Management Training on the job. Consolidated waste receipts/ manifests were reviewed this date. Hazardous Waste Emergency Response information and was posted. Inspected municipal trash dumpster and area, no apparent hazardous waste in this area. Perimeter of facility inspected, no water runoff or staining noted at this time. Discussed Hazardous Waste Program, Hazardous Materials Program, and Management of Universal Waste. E-mailed copy of [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: review of CERS accepted all for 2017
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-12-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site for follow up inspection. Waste alcohol drums were properly identified including the accumulation dates. Waste oil drum was stored closed. Deleted violations W010 and W016. No violations noted at this time.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-02-2014

PARA TECH COASTING INC (Continued) **1001815610**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site for initial hazardous materials and business emergency plan audit. Observed the facility and inspected hazardous materials storage. The following hazardous materials were observed in amounts that exceed the required disclosure quantities: - At least seven 55 gallon drums of waste IPA - At least two 55 gallon drums of new IPA - Various compressed gas cylinders of nitrogen, helium, oxygen, argon and acetylene. This report serves as notice that the facility must submit the following documents electronically within 30 days of this report: - Business Emergency Plan - Hazardous Materials Chemical Inventory - Site Map The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above the disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically) within 30 days of the change. The E-Submit portal for [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-07-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-27-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File review. Violation was corrected in EC
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous waste inspection. Access to the facility, and permission to inspect and take photographs (if needed) was provided by Patricia Langraphi, and included the areas noted below. NOTE: Those chemicals in the storage area cabinets (small containers of miscellaneous oils and other items) if determined to be waste, must be managed as hazardous waste and shipped to an appropriate treatment facility. Determine, which, if any, are no longer in use by this facility and should be classified as waste. - Manufacturing: various waste lab chemicals, waste absorbent - Machine Shop: lubricating oils, metal fines, waste absorbent - Hazardous Waste Storage Area: containers properly labeled and closed The containers were observed properly stored and labeled. Hazardous waste disposal documents were reviewed. A copy of this report will be sent to: PLANGRAPHI@PARLYENE.COM

PARA TECH COASTING INC (Continued) **1001815610**

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous waste inspection. Patricia Langraphi, Quality Manager, provided consent to inspect. The facility's hazardous waste storage contains used lubrication oils, waste isopropyl alcohol, various waste lab chemicals. Hazardous waste are stored in small containers and moved each day to the drums stored behind the building. A perimeter walk was conducted. Municipal dumpster are shared by other tenants and does not appear to contain any hazardous waste. Manifests from World Oil, and US Ecology were available and reviewed. Emergency response information is posted and employees are reported to be trained. No hazardous waste violations were observed on this date. Inspection report emailed to facility patricia.langraphi@

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous waste inspection. Patricia Langraphi, Quality Manager, provided consent to inspect. The facility's hazardous waste storage contains used lubrication oils, waste isopropyl alcohol, various waste lab chemicals. Hazardous waste are stored in small containers and moved each day to the drums stored behind the building. A perimeter walk was conducted. Municipal dumpster are shared by other tenants and does not appear to contain any hazardous waste. Manifests from World Oil, and US Ecology were available and reviewed. Emergency response information is posted and employees are reported to be trained. No hazardous waste violations were observed on this date. Inspection report emailed to facility patricia.langraphi@cwst.com

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspected perimeter of facility including the dumpster area. Permission to inspect and take necessary photos granted by Brent Clawson. Hazardous waste properly stored and identified. Hazardous waste emergency response sticker completed and posted on site. Manifests for hazardous waste pickup reviewed on site. No violations noted at tis time.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown

PARA TECH COASTING INC (Continued) **1001815610**

Eval Date: 06-03-2024
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: According to the CERS database, your business remains out of compliance with the annual certification requirement and a violation is being cited. Businesses are required to annually review and certify that their information in the California Electronic Reporting System (CERS) is complete, accurate and in compliance by March 1st. Your business was notified via email on March 27, 2024 that your facility was out of compliance with this requirement. Please note the following important details: 1) Complete submittal includes the HazMat Inventory AND the Emergency Plan / Training sections. Both sections must be submitted. Your submittal for 2024 was missing the Emergency Plan/Training section. 2) If your business qualifies (see below) you may submit 2024 via the Certify option available on CERS. You must be logged in to use. HMBP Certify: A business may use the Certify option button located on their forms page if: 1) A previous, complete submittal was made the prior year, and 2) The bu
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: An onsite hazardous materials inspection of this facility was conducted this date. Access to the facility was provided by Patricia Langraphi. The following materials were observed in amounts that meet or exceed the minimum volumes required for disclosure: - Waste alcohol - Alcohol - Lubricating oil - Oxygen NOTE: Liquid nitrogen is no longer used by this facility, and the maximum amount stored onsite of alcohol was approximately 165 gallons. Amend your CERS submittals to accurately reflect these changes. A copy of this inspection report will be emailed to: PLANGRAPHI@PARLYENE.COM
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-04-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Submittal declined in CERS. The submittal was declined, please research the following and resubmit within 15 days. Our records indicate that the owner of this facility is Para Tech coating Inc. Your CERS business information indicates that the owner is Metal Improvement Company LLC. Is this a change of ownership? Are our records incorrect? please advise. The submittal of the business emergency plan was declined, this is a map, not a BEP. Use the BEP template located at http://www.calepa.ca.gov/CUPA/Documents/eTemplates/Contingency.pdf (complete and sign and upload a copy) (use UPA phone number on the first page for us as 714-433-6000). Remove the old upload and re-upload the new one in PDF format. The submittal was declined, please make the following changes and resubmit within 30 days; 1. during the inspection our records show you were also requested to

PARA TECH COASTING INC (Continued) **1001815610**

disclose helium, oxygen, argon and acetylene. If you have 200 or more cubic feet of oxygen or acetylene you [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-10-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Onsite to conduct A01 inspection, but business is currently closed. Will re-visit to veirfy.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for inspection. Obtained credentials in e submit for Tiffiny Brookhart. Explained what is needed to complete the disclosure. Showed her how to navigate the in portal. Provided her the chemical inventory that will need to be disclosed. New IPA Waste IPA Nitrogen Helium Oxygen Argon Acetylene
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-03-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Orange County Environmental Health as the Certified Unified Program Agency (OC CUPA) is the administrating agency for the Hazardous Materials Disclosure and Business Emergency Plan programs (HMD/BEP) previously administered by the Orange County Fire Authority. During the months of August and December of 2013, the OC CUPA sent out letters to regulated businesses requesting them to electronically submit their HMD/BEP forms. Electronic submission of these forms is a legal requirement. Failure to submit HMD/BEP forms is in violation of the California Health & Safety Code Chapter 6.95. According to our records there is no electronic submission for this facility. Please go to www.esubmit.ocgov.com to request a user name and password and submit your HMD/BEP forms within the next 30 days. Businesses may also submit forms via the California Environmental Reporting System. Please verify that all owner information that is pre populated on the E-Submit Portal is still [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-23-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: esubmit and CERS review

PARA TECH COASTING INC (Continued) **1001815610**

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Change of ownership submitted this date. New owner as of 2/8/2017is Metal Improvement Company LLC On site to conduct hazardous materials chemical inventory and business emergency plan inspection this date, consent to enter, inspect and take photographs was given by - Rick Segurra, materials manager The HMBEP has been submitted through CERS 10548292 Employee Business Emergency Plan Training was not yet done, see violation. Safety/cleanup equipment is available. Hazardous materials storage area were reviewed at this time. The facility has the following hazardous materials that exceed the required disclosure quantities: -nitrogen 305 gallons -IPA 200 gallons, in drums and tanks -IPA waste 165 gallons -O2 320 cubic feet -waste oil 55 gallons **Please note, you are required to review the submittal yearly and resubmit prior to March 1st each year. You will get communication (probably email) indicating you should go in and review and resubmit around January [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 418870
Site Name: PARA TECH COATING INC
Site Address: 35 ARGONAUT
Site City: ALISO VIEJO
Site Zip: 92656
Enf Action Date: 08-07-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Failure to Electronically Submit HMD/BEP.
Enf Action Division: Orange County Environmental Health
Enf Action Program: UNSPEC
Enf Action Source: CERS,

Coordinates:
Site ID: 418870
Facility Name: PARA TECH COATING INC
Env Int Type Code: HMBP
Program ID: 10548292
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.591870
Longitude: -117.725470

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120

PARA TECH COASTING INC (Continued) **1001815610**

Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406,
Affiliation Type Desc:	Document Preparer
Entity Name:	Patricia Langraphi
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Patricia Langraphi
Entity Title:	Quality/ Compliance Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Patricia Langraphi
Entity Title:	Not reported
Affiliation Address:	35 ARGONAUT
Affiliation City:	ALISO VIEJO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92656
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Metal Improvement Company LLC
Entity Title:	Not reported
Affiliation Address:	13925 Ballantyne Corporated Place ste 400
Affiliation City:	Charlotte
Affiliation State:	NC
Affiliation Country:	United States
Affiliation Zip:	28277
Affiliation Phone:	(248) 344-2650,
Affiliation Type Desc:	Parent Corporation
Entity Name:	PARA TECH COATING INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address

PARA TECH COASTING INC (Continued) **1001815610**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	35 ARGONAUT
Affiliation City:	ALISO VIEJO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92656
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Patricia Langraphi
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 999-4942,

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32 **CORTE FINA HOMEOWNERS ASSOC** **EDR Hist Auto** **1021341993**
East **95 ARGONAUT STE 160** **N/A**
< 1/8 **ALISO VIEJO, CA 92656**
0.123 mi.
650 ft.

Relative: EDR Hist Auto
Lower

Actual:
404 ft.

Year:	Name:	Type:
2007	CORTE FINA HOMEOWNERS ASSOC	Gasoline Service Stations, NEC
2008	CORTE FINA HOMEOWNERS ASSOC	Gasoline Service Stations, NEC

G33 **INVOY** **RCRA NonGen / NLR** **1026052549**
ESE **72 ARGONAUT SUITE 140** **E MANIFEST** **CAC003059445**
1/8-1/4 **ALISO VIEJO, CA 92656**
0.148 mi.
783 ft. **Site 1 of 5 in cluster G**

Relative: RCRA Listings:
Lower

Actual:
430 ft.

Date Form Received by Agency:	20200310
Handler Name:	Invoy Technologies
Handler Address:	72 Argonaut
Handler City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAC003059445
Contact Name:	RACHEL PARHAM
Contact Address:	530 TECHNOLOGY DR
Contact City,State,Zip:	IRVINE, CA 92618
Contact Telephone:	323-835-4943
Contact Fax:	Not reported
Contact Email:	RPARHAM@INVOY.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

INVOY (Continued) **1026052549**

Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		530 TECHNOLOGY DR
Mailing City,State,Zip:		IRVINE, CA 92618
Owner Name:	Rachel Parham	
Owner Type:		Other
Operator Name:	Rachel Parham	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20200313
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: RACHEL PARHAM	
Legal Status:	Other
Date Became Current:	Not reported

INVOY (Continued) **1026052549**

Date Ended Current: Not reported
Owner/Operator Address: 530 TECHNOLOGY DR
Owner/Operator City,State,Zip: IRVINE, CA 92618
Owner/Operator Telephone: 323-835-4943
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RACHEL PARHAM
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 530 TECHNOLOGY DR
Owner/Operator City,State,Zip: IRVINE, CA 92618
Owner/Operator Telephone: 323-835-4943
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200310
Handler Name: INVOY TECHNOLOGIES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 339999
NAICS Description: All Other Miscellaneous Manufacturing

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:
Manifest Tracking Number: 011888115FLE
Last Updated Date: 20181026
Shipped Date: 20180907
Received Date: 20180930
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: CAC002899342
Generator Name: Invoy Technologies

INVOY (Continued) **1026052549**

Generator Location Street Number:	Not reported
Generator Location Street 1:	72 ARGONAUT SUITE 140
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	72 Argonaut Suite 140
Generator Mail Street 2:	Not reported
Generator Mail City:	Aliso Viejo
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	ARD069748192
Designated Facility Name:	Clean Harbors El Dorado Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	309 American Circle
Designated Facility Mail City:	El Dorado
Designated Facility Mail Zip:	71730
Designated Facility Mail State:	AR
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	309 American Circle
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	El Dorado
Designated Facility Location Zip:	71730
Designated Facility Location State:	AR
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	011888116FLE
Last Updated Date:	20181017
Shipped Date:	20180907
Received Date:	20180920
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAC002899342
Generator Name:	Invoy Technologies
Generator Location Street Number:	Not reported
Generator Location Street 1:	72 ARGONAUT SUITE 140
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	72 Argonaut Suite 140
Generator Mail Street 2:	Not reported
Generator Mail City:	Aliso Viejo
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported

INVOY (Continued) **1026052549**

Designated Facility Mail Street 2:	1737 East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1737 East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	014222408FLE
Last Updated Date:	20200402
Shipped Date:	20200313
Received Date:	20200313
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAC003059445
Generator Name:	Invoy
Generator Location Street Number:	Not reported
Generator Location Street 1:	72 ARGONAUT SUITE 140
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	530 Technology Dr, Ste 350
Generator Mail Street 2:	Not reported
Generator Mail City:	Irvine
Generator Mail Zip:	92618
Generator Mail State:	CA
Generator Contact Company Name:	Invoy
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1737 East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1737 East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	014222408FLE
Transporter Line Number:	1

INVOY (Continued) **1026052549**

Transporter EPA ID: MAD039322250
Transporter Name: Clean Harbors Environmental Services, Inc.

Waste Line:
Manifest Tracking Number: 014222408FLE
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1992
U.S. DOT Description: Rq, Un1992, Waste Flammable Liquids, Toxic, N.O.S. (Acetonitrile, Methanol), 3, (6.1), Pg Ii (D001)
Non-Hazardous Waste Description: Not reported
Number of Containers: 2
Container Type Code: CF
Container Type Description: Fiber or plastic boxes, cartons, cases
Waste Quantity: 296
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.148
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.148
Waste Quantity, in Kilograms: 134.24045
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 134.24045
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y
Federal Waste Codes: D001, F003
Quantity Haz Kg: 134.24045
Quantity Haz Tons: 0.148
Quantity Non Haz Kg: 0
Quantity Non Haz Tons: 0
State Waste Codes: CA-331, CA-551

Manifest Tracking Number: 014222408FLE
Waste Line Number: 2
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN2735
U.S. DOT Description: Un2735, Waste Amines, Liquid, Corrosive, N.O.S (3-Aminopropyltriethoxysilane), 8, Pg Ii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: CF
Container Type Description: Fiber or plastic boxes, cartons, cases
Waste Quantity: 9

INVOY (Continued) **1026052549**

Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0045
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0045
Waste Quantity, in Kilograms:	4.081635
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	4.081635
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D002
Quantity Haz Kg:	4.081635
Quantity Haz Tons:	0.0045
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	CA-331
Manifest Tracking Number:	014222408FLE
Waste Line Number:	3
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3264
U.S. DOT Description:	Un3264, Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. (Hydrochloric Acid, Sulfuric Acid), 8, Pg Ii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	CF
Container Type Description:	Fiber or plastic boxes, cartons, cases
Waste Quantity:	12
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.006
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.006
Waste Quantity, in Kilograms:	5.44218
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	5.44218
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported

INVOY (Continued) **1026052549**

Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D002
Quantity Haz Kg:	5.44218
Quantity Haz Tons:	0.006
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	CA-551

Manifest Tracking Number:	014222408FLE
Waste Line Number:	4
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3266
U.S. DOT Description:	Un3266, Waste Corrosive Liquid, Basic, Inorganic, N.O.S. (Potassium Hydroxide, Sodium Hydroxide), 8, Pg Ii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	CF
Container Type Description:	Fiber or plastic boxes, cartons, cases
Waste Quantity:	5
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0025
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0025
Waste Quantity, in Kilograms:	2.267575
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	2.267575
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D002
Quantity Haz Kg:	2.267575
Quantity Haz Tons:	0.0025
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	CA-551

INVOY (Continued) **1026052549**

Manifest Tracking Number:	014222408FLE
Waste Line Number:	5
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2923
U.S. DOT Description:	Un2923, Corrosive Solids, Toxic, N.O.S. (Hydroxylaminehydrochloride), 8, (6.1), Pg Iii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	CF
Container Type Description:	Fiber or plastic boxes, cartons, cases
Waste Quantity:	2
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.001
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.001
Waste Quantity, in Kilograms:	0.90703005
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	0.90703005
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	0.90703005
Quantity Non Haz Tons:	0.001
State Waste Codes:	CA-551

Manifest Tracking Number:	014222408FLE
Waste Line Number:	6
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	None, Non-Rcra Hazardous Waste, Solids (Lab Debris), N/A, None
Number of Containers:	1
Container Type Code:	CF
Container Type Description:	Fiber or plastic boxes, cartons, cases
Waste Quantity:	47
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0235
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0235

INVOY (Continued) **1026052549**

Waste Quantity, in Kilograms:	21.315205
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	21.315205
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	21.315205
Quantity Non Haz Tons:	0.0235
State Waste Codes:	CA-352

Manifest Tracking Number:	014222408FLE
Waste Line Number:	7
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	None, Non-Rcra Hazardous Waste, Solids (Silica Gel), N/A, None
Number of Containers:	1
Container Type Code:	CF
Container Type Description:	Fiber or plastic boxes, cartons, cases
Waste Quantity:	33
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0165
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0165
Waste Quantity, in Kilograms:	14.965996
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	14.965996
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported

INVOY (Continued) **1026052549**

Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	14.965996
Quantity Non Haz Tons:	0.0165
State Waste Codes:	CA-551

H34 **CERNO LLC** **RCRA NonGen / NLR** **1027452882**
SW **22892 GLENWOOD DRIVE** **E MANIFEST** **CAC003190893**
1/8-1/4 **ALISO VIEJO, CA 92656**
0.152 mi.
803 ft. **Site 1 of 4 in cluster H**

Relative: **Higher**
Actual: **532 ft.**

RCRA Listings:

Date Form Received by Agency:		20220819
Handler Name:		Cerno Llc
Handler Address:		22892 Glenwood Drive
Handler City,State,Zip:		ALISO VIEJO, CA 92656
EPA ID:		CAC003190893
Contact Name:		DANIEL WACHOLDER
Contact Address:		22892 GLENWOOD DRIVE
Contact City,State,Zip:		ALISO VIEJO, CA 92656
Contact Telephone:		949-715-1534
Contact Fax:		Not reported
Contact Email:		DAN@CERNOGROUP.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		22892 GLENWOOD DRIVE
Mailing City,State,Zip:		ALISO VIEJO, CA 92656
Owner Name:	Cerno Llc	
Owner Type:		Other
Operator Name:	Daniel Wacholder	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---

CERNO LLC (Continued) **1027452882**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220822
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CERNO LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	22892 GLENWOOD DRIVE
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	949-715-1534
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: DANIEL WACHOLDER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	22892 GLENWOOD DRIVE
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	949-715-1534
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220819
Handler Name: CERNO LLC	

CERNO LLC (Continued) **1027452882**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	All Other Waste Management Services

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	023849342JJK
Last Updated Date:	20220921
Shipped Date:	20220829
Received Date:	20220829
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAC003190893
Generator Name:	Cerno Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	22892 GLENWOOD DRIVE
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	22892 GLENWOOD DRIVE
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET

CERNO LLC (Continued) **1027452882**

Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	023849342JJK
Transporter Line Number:	1
Transporter EPA ID:	CAL000433760
Transporter Name:	Consultant Environmental Operations

Waste Line:

Manifest Tracking Number:	023849342JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non Rcra Hazarodus Waste Liquid (Oily Water)
Number of Containers:	1
Container Type Code:	TT
Container Type Description:	Cargo tanks (tank trucks)
Waste Quantity:	125
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.5212677
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.5212677
Waste Quantity, in Kilograms:	472.80548
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	472.80548
Management Method Code:	H039
Management Method Description:	OTHER RECOVERY OR RECLAMATION FOR REUSE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	472.80548
Quantity Non Haz Tons:	0.5212677
State Waste Codes:	CA-223

H35 **HILBORN MANUFACTURING CORP** **RCRA NonGen / NLR** **1024815227**
SW **22892 GLENWOOD DR** **E MANIFEST** **CAL000312469**
1/8-1/4 **ALISO VIEJO, CA 92656**
0.152 mi.
803 ft. **Site 2 of 4 in cluster H**

Relative: **Higher**
Actual: **532 ft.**

RCRA Listings:

Date Form Received by Agency:		20061012
Handler Name:		Hilborn Manufacturing Corp
Handler Address:		22892 Glenwood Dr
Handler City,State,Zip:		ALISO VIEJO, CA 92656
EPA ID:		CAL000312469
Contact Name:		DUANE HILBORN
Contact Address:		22892 GLENWOOD DR
Contact City,State,Zip:		ALISO VIEJO, CA 92656
Contact Telephone:		949-360-0909
Contact Fax:		949-360-0991
Contact Email:		DUANE@HILBORNINJECTION.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		22892 GLENWOOD DR
Mailing City,State,Zip:		ALISO VIEJO, CA 92656-0000
Owner Name:	Hilborn Manufacturing Corp	
Owner Type:		Other
Operator Name:	Duane Hilborn	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No

HILBORN MANUFACTURING CORP (Continued) **1024815227**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: DUANE HILBORN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	22892 GLENWOOD DR
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	949-360-0909
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: HILBORN MANUFACTURING CORP	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	22892 GLENWOOD DR
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20061012
Handler Name: HILBORN MANUFACTURING CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

HILBORN MANUFACTURING CORP (Continued) **1024815227**

List of NAICS Codes and Descriptions:
NAICS Code: 336311
NAICS Description: Carburetor, Piston, Piston Ring, And Valve Manufacturing

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	007318709SKS
Last Updated Date:	20191202
Shipped Date:	20191028
Received Date:	20191105
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000312469
Generator Name:	Hilborn Manufacturing
Generator Location Street Number:	Not reported
Generator Location Street 1:	22892 GLENWOOD DR
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	22892 Glenwood Dr
Generator Mail Street 2:	Not reported
Generator Mail City:	Aliso Viejo
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD980675276
Designated Facility Name:	Clean Harbors Buttonwillow Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO Box 787
Designated Facility Mail City:	Buttonwillow
Designated Facility Mail Zip:	93206
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	PO Box 787
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Buttonwillow
Designated Facility Location Zip:	93206
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	007318712SKS
Last Updated Date:	20191127
Shipped Date:	20191028

HILBORN MANUFACTURING CORP (Continued) **1024815227**

Received Date:	20191104
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000312469
Generator Name:	Hilborn Manufacturing
Generator Location Street Number:	Not reported
Generator Location Street 1:	22892 GLENWOOD DR
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	22892 Glenwood Dr
Generator Mail Street 2:	Not reported
Generator Mail City:	Aliso Viejo
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1737 East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1737 East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	007318712SKS
Transporter Line Number:	1
Transporter EPA ID:	TXR000081205
Transporter Name:	Safety-Kleen Systems, Inc.
Manifest Tracking Number:	007318712SKS
Transporter Line Number:	2
Transporter EPA ID:	MAD039322250
Transporter Name:	Clean Harbors Environmental Services, Inc.
Manifest Tracking Number:	007318712SKS
Transporter Line Number:	3
Transporter EPA ID:	MAD039322250
Transporter Name:	Clean Harbors Environmental Services, Inc.
Manifest Tracking Number:	007318712SKS
Transporter Line Number:	4
Transporter EPA ID:	MAD039322250
Transporter Name:	Clean Harbors Environmental Services, Inc.

HILBORN MANUFACTURING CORP (Continued) **1024815227**

Waste Line:

Manifest Tracking Number:	007318712SKS
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1230
U.S. DOT Description:	Un1230, Waste Un1230, Waste Methanol, 3, Pg Ii, 3, Pg Ii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	150
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.075
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.075
Waste Quantity, in Kilograms:	68.02725
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	68.02725
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, F003
Quantity Haz Kg:	68.02725
Quantity Haz Tons:	0.075
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	CA-331

Manifest Tracking Number:	007318712SKS
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	NA3082
U.S. DOT Description:	Na3082, Na3082, Hazardous Waste, Liquid, N.O.S., (Chromium, Lead), 9, Pg Iii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	3
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	620
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.31
Acute Waste Quantity, in Tons:	0

HILBORN MANUFACTURING CORP (Continued) **1024815227**

Non-Acute Waste Quantity, in Tons:	0.31
Waste Quantity, in Kilograms:	281.17932
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	281.17932
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D005, D006, D007, D008, D009, D010, D011
Quantity Haz Kg:	281.17932
Quantity Haz Tons:	0.31
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	CA-223
Manifest Tracking Number:	007318712SKS
Waste Line Number:	3
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1268
U.S. DOT Description:	Un1268, Petroleum Distillates, N.O.S. (C9-C15 Alkanes, C9-C15 Cycloalkanes), Combustible Liquid, Pg Iii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	20
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.01
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.01
Waste Quantity, in Kilograms:	9.0703
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	9.0703
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported

HILBORN MANUFACTURING CORP (Continued) **1024815227**

Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	9.0703
Quantity Non Haz Tons:	0.01
State Waste Codes:	CA-343
Manifest Tracking Number:	007318712SKS
Waste Line Number:	4
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	None, Non-Rcra Hazardous Waste, Liquids, N/A, None
Number of Containers:	2
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	300
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.15
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.15
Waste Quantity, in Kilograms:	136.0545
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	136.0545
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	136.0545
Quantity Non Haz Tons:	0.15
State Waste Codes:	CA-223

H36 **CERNO LLC** **RCRA NonGen / NLR** **1028890146**
SW **22892 GLENWOOD DR.** **E MANIFEST** **CAC003251170**
1/8-1/4 **ALISO VIEJO, CA 92656**
0.152 mi.
803 ft. **Site 3 of 4 in cluster H**

Relative: **Higher**
Actual: **532 ft.**

RCRA Listings:

Date Form Received by Agency:		20230911
Handler Name:		Cerno Llc
Handler Address:		22892 Glenwood Dr.
Handler City,State,Zip:		ALISO VIEJO, CA 92656
EPA ID:		CAC003251170
Contact Name:		DANA CZUBA
Contact Address:		22892 GLENWOOD DR.
Contact City,State,Zip:		ALISO VIEJO, CA 92656
Contact Telephone:		949-715-1534
Contact Fax:		Not reported
Contact Email:		DANA@CERNOGROUP.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		22892 GLENWOOD DR.
Mailing City,State,Zip:		ALISO VIEJO, CA 92656
Owner Name:	Daniel Wacholder	
Owner Type:		Other
Operator Name:	Dana Czuba	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No

CERNO LLC (Continued) **1028890146**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230911
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DANIEL WACHOLDER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	22892 GLENWOOD DR.
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	949-715-1534
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: DANA CZUBA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	22892 GLENWOOD DR.
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	949-715-1534
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20230911
Handler Name: CERNO LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

CERNO LLC (Continued) **1028890146**

List of NAICS Codes and Descriptions:
NAICS Code: 335139
NAICS Description: Electric Lamp Bulb And Other Lighting Equipment Manufacturing

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	025345920JJK
Last Updated Date:	20231006
Shipped Date:	20230918
Received Date:	20230918
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAC003251170
Generator Name:	Cerno Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	22892 GLENWOOD DR.
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	22892 GLENWOOD DR.
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	025345920JJK
Transporter Line Number:	1

CERNO LLC (Continued) **1028890146**

Transporter EPA ID: CAL000433760
Transporter Name: Consultant Environmental Operations

Waste Line:
Manifest Tracking Number: 025345920JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: Non Rcra Hazardous Waste Liquid (Oily Water)
Number of Containers: 1
Container Type Code: TT
Container Type Description: Cargo tanks (tank trucks)
Waste Quantity: 110
Quantity Unit of Measure Code: G
Quantity Unit of Measure Description: Gallons
Waste Quantity, in Tons: 0.4587156
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.4587156
Waste Quantity, in Kilograms: 416.06882
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 416.06882
Management Method Code: H039
Management Method Description: OTHER RECOVERY OR RECLAMATION FOR REUSE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N
Federal Waste Codes: Not reported
Quantity Haz Kg: Not reported
Quantity Haz Tons: Not reported
Quantity Non Haz Kg: 416.06882
Quantity Non Haz Tons: 0.4587156
State Waste Codes: CA-223

G37 **KENNEDY PIPELINE COMPANY** **RCRA NonGen / NLR** **1025865694**
ESE **61 ARGONAUT** **E MANIFEST** **CAL000037032**
1/8-1/4 **ALISO VIEJO, CA 92656**
0.168 mi.
885 ft. **Site 2 of 5 in cluster G**

Relative: **Lower**
Actual: **422 ft.**

RCRA Listings:
Date Form Received by Agency: 19930729
Handler Name: Kennedy Pipeline Company
Handler Address: 61 Argonaut
Handler City,State,Zip: ALISO VIEJO, CA 92656-0000
EPA ID: CAL000037032

KENNEDY PIPELINE COMPANY (Continued) **1025865694**

Contact Name:		MATHEW TRUMBLE
Contact Address:		61 ARGONAUT
Contact City,State,Zip:		ALISO VIEJO, CA 92656-1423
Contact Telephone:		949-380-8363
Contact Fax:		000-000-0000
Contact Email:		MTRUMBLE@KENNEDYPIPELINE.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		61 ARGONAUT
Mailing City,State,Zip:		ALISO VIEJO, CA 92656-1423
Owner Name:	Mathew Trumble	
Owner Type:		Other
Operator Name:	Mathew Trumble	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20190627
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No

KENNEDY PIPELINE COMPANY (Continued) **1025865694**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MATHEW TRUMBLE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	61 ARGONAUT
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656-1423
Owner/Operator Telephone:	949-380-8363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: MATHEW TRUMBLE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	61 ARGONAUT
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656-1423
Owner/Operator Telephone:	949-380-8363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19930729
Handler Name:	KENNEDY PIPELINE COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23492
NAICS Description:	Power And Communication Transmission Line Construction

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

KENNEDY PIPELINE COMPANY (Continued) **1025865694**

E MANIFEST:

Manifest Tracking Number:	003648559GBF
Last Updated Date:	20200423
Shipped Date:	20200409
Received Date:	20200416
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000037032
Generator Name:	Kennedy Pipeline Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	61 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	61 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656-1423
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	5375
Designated Facility Mail Street 1:	CA90058 CA037US 5375
Designated Facility Mail Street 2:	SOUTH BOYLE AVENUE
Designated Facility Mail City:	VERNON
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	5375
Designated Facility Location Street 1:	SOUTH BOYLE AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Us Ecology Vernon Inc
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020492151JJK
Last Updated Date:	20200506
Shipped Date:	20200409
Received Date:	20200416
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000037032
Generator Name:	Kennedy Pipeline Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	61 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656-0000
Generator Mail Street Number:	Not reported

KENNEDY PIPELINE COMPANY (Continued) **1025865694**

Generator Mail Street 1:	PO BOX 3460
Generator Mail Street 2:	Not reported
Generator Mail City:	LAGUNA HILLS
Generator Mail Zip:	92654
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	026343336JJK
Last Updated Date:	20240610
Shipped Date:	20240517
Received Date:	20240524
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000037032
Generator Name:	Trumble Prop
Generator Location Street Number:	Not reported
Generator Location Street 1:	61 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	61 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD028409019
Designated Facility Name:	Crosby & Overton
Designated Facility Mail Street Number:	1630
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	W. 17TH STREET
Designated Facility Mail City:	LONG BEACH
Designated Facility Mail Zip:	90813
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1630
Designated Facility Location Street 1:	W. 17TH STREET
Designated Facility Location Street 2:	Not reported

KENNEDY PIPELINE COMPANY (Continued) **1025865694**

Designated Facility Location City:	LONG BEACH
Designated Facility Location Zip:	90813
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	017545382FLE
Last Updated Date:	20240624
Shipped Date:	20240606
Received Date:	20240614
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000037032
Generator Name:	Matthew Trumble
Generator Location Street Number:	Not reported
Generator Location Street 1:	61 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	16331 CONSTRUCTION CIRCLE EAST
Generator Mail Street 2:	Not reported
Generator Mail City:	IRVINE
Generator Mail Zip:	96260
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	026771504JJK
Last Updated Date:	20240717
Shipped Date:	20240626
Received Date:	20240628
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000037032
Generator Name:	Trumble Prop
Generator Location Street Number:	Not reported

KENNEDY PIPELINE COMPANY (Continued) **1025865694**

Generator Location Street 1:	61 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	61 ARGONAUT
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD028409019
Designated Facility Name:	Crosby & Overton
Designated Facility Mail Street Number:	1630
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	W. 17TH STREET
Designated Facility Mail City:	LONG BEACH
Designated Facility Mail Zip:	90813
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1630
Designated Facility Location Street 1:	W. 17TH STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LONG BEACH
Designated Facility Location Zip:	90813
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019961095JJK
Last Updated Date:	20190316
Shipped Date:	20190225
Received Date:	20190225
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000037032
Generator Name:	Kennedy Pipeline Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	61 ARGONAUT
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	61 Argonaut
Generator Mail Street 2:	Not reported
Generator Mail City:	Aliso Viejo
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET

KENNEDY PIPELINE COMPANY (Continued) **1025865694**

Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	019961095JJK
Transporter Line Number:	1
Transporter EPA ID:	CAL000433760
Transporter Name:	Consultant Environmental Operations

Waste Line:

Manifest Tracking Number:	019961095JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non-Rcra Hazardous Waste Liquid, Used Oil
Number of Containers:	1
Container Type Code:	TT
Container Type Description:	Cargo tanks (tank trucks)
Waste Quantity:	85
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.35446206
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.35446206
Waste Quantity, in Kilograms:	321.50772
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	321.50772
Management Method Code:	H039
Management Method Description:	OTHER RECOVERY OR RECLAMATION FOR REUSE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0

KENNEDY PIPELINE COMPANY (Continued) **1025865694**

Quantity Haz Tons:	0
Quantity Non Haz Kg:	321.50772
Quantity Non Haz Tons:	0.35446206
State Waste Codes:	CA-221

G38 **KENNEDY PIPELINE CO** **CA FID UST** **S101631265**
ESE **61 ARGONAUT** **N/A**
1/8-1/4 **ALISO VIEJO, CA 92656**
0.168 mi.
885 ft. **Site 3 of 5 in cluster G**

Relative:
Lower

Actual:
422 ft.

CA FID UST:

Facility ID:	30012495
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7143808363
Mail To:	Not reported
Mailing Address:	61 ARGONAUT
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ALISO VIEJO 92656
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

G39 **KENNEDY PIPELINE CO** **UST** **U003433121**
ESE **61 ARGONAUT** **SWEEPS UST** **N/A**
1/8-1/4 **ALISO VIEJO, CA 92656**
0.168 mi.
885 ft. **Site 4 of 5 in cluster G**

Relative:
Lower

Actual:
422 ft.

ORANGE CO. UST:

Name:	KENNEDY PIPELINE CO
Address:	61 ARGONAUT
City,State,Zip:	ALISO VIEJO 92656
Facility ID:	FA0025143
SR Number:	Not reported
Permit Number:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	KENNEDY PIPELINE CO
Address:	61 ARGONAUT
City,State,Zip:	ALISO VIEJO 92656
Facility ID:	FA0025143
SR Number:	Not reported
Permit Number:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name: KENNEDY PIPELINE CO

KENNEDY PIPELINE CO (Continued) **U003433121**

Address: 61 ARGONAUT
City,State,Zip: ALISO VIEJO, CA 92656-1423
Facility ID: FA0025143
SR Number: Not reported
Permit Number: PR0024857
Latitude: 33.592510
Longitude: -117.723980

Name: KENNEDY PIPELINE CO
Address: 61 ARGONAUT
City,State,Zip: ALISO VIEJO, CA 92656-1423
Facility ID: FA0025143
SR Number: Not reported
Permit Number: PR0024857
Latitude: 33.592510
Longitude: -117.723980

UST:
Name: KENNEDY PIPELINE CO
Address: 61 ARGONAUT
City,State,Zip: ALISO VIEJO, CA 92656
Facility ID: FA0025143
Permitting Agency: Orange County Environmental Health
CERSID: 10516102
Latitude: 33.5920800
Longitude: -117.723580
Owner type: Non-Government
Facility type: Motor Vehicle Fueling
Num of inuse ust: Not reported
Num of closed ust: 2
Num of oos ust: 0
Epa region: 9
Tribal lands: No
Tank owner name: Trumble Properties
Tank owner mailing address: 16331 Construction E.
Tank owner mailing city: Irvine
Tank owner mailing zip: 92606
Tank owner mailing state: Ca
Tank operator name: Trumble Properties
Tank operator mailing address: 16331 Construction Circle East
Tank operator mailing city: Irvine
Tank operator mailing zip: 92606
Tank operator mailing state: CA
Tankidnumber: 30-000-FA0025143-001
Tank status: UST Removal
Tank configuration: Stand Alone Tank
Tank closure date: 6/6/2024 12:00:00 AM
Tank installation date: 1/1/1988 12:00:00 AM
Tank num of compartments: 1
Tank contents: Regular Unleaded
Tank capacity gallons: 12000
Tank type: Double Wall
Tank pc construction: Fiberglass
Tank pwpiping construction: Fiberglass
Tank piping type: Pressure
Tank piping construction: Double Walled
Tank sacrificial anode: No

KENNEDY PIPELINE CO (Continued) **U003433121**

Tank cp impressed current: No
Tank cp shutoff: Yes
Tank alarms: No
Tank ball float: No
Tank spill bucket: Yes

Name: KENNEDY PIPELINE CO
Address: 61 ARGONAUT
City,State,Zip: ALISO VIEJO, CA 92656
Facility ID: FA0025143
Permitting Agency: Orange County Environmental Health
CERSID: 10516102
Latitude: 33.5920800
Longitude: -117.723580
Owner type: Non-Government
Facility type: Motor Vehicle Fueling
Num of inuse ust: Not reported
Num of closed ust: 2
Num of oos ust: 0
Epa region: 9
Tribal lands: No
Tank owner name: Trumble Properties
Tank owner mailing address: 16331 Construction E.
Tank owner mailing city: Irvine
Tank owner mailing zip: 92606
Tank owner mailing state: Ca
Tank operator name: Trumble Properties
Tank operator mailing address: 16331 Construction Circle East
Tank operator mailing city: Irvine
Tank operator mailing zip: 92606
Tank operator mailing state: CA
Tankidnumber: 30-000-FA0025143-002
Tank status: UST Removal
Tank configuration: Stand Alone Tank
Tank closure date: 6/6/2024 12:00:00 AM
Tank installation date: 9/1/1988 12:00:00 AM
Tank num of compartments: 1
Tank contents: Diesel
Tank capacity gallons: 10000
Tank type: Double Wall
Tank pc construction: Fiberglass
Tank pwpiping construction: Fiberglass
Tank piping type: Pressure
Tank piping construction: Double Walled
Tank sacrificial anode: No
Tank cp impressed current: No
Tank cp shutoff: Yes
Tank alarms: No
Tank ball float: No
Tank spill bucket: Yes

SWEEPS UST:
Name: KENNEDY PIPELINE CO
Address: 61 ARGONAUT
City: ALISO VIEJO
Status: Active
Comp Number: 9851

KENNEDY PIPELINE CO (Continued) **U003433121**

Number:	9
Board Of Equalization:	44-016784
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-009851-000001
Tank Status:	A
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Name:	KENNEDY PIPELINE CO
Address:	61 ARGONAUT
City:	ALISO VIEJO
Status:	Active
Comp Number:	9851
Number:	9
Board Of Equalization:	44-016784
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-009851-000002
Tank Status:	A
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

G40 **KENNEDY PIPELINE CO** **UST FINDER** **1028192210**
ESE **61 ARGONAUT** **N/A**
1/8-1/4 **ALISO VIEJO, CA 92656**
0.168 mi.
885 ft. **Site 5 of 5 in cluster G**

Relative: UST FINDER:
Lower

Object ID:	736441
Facility ID:	CA10516102
Name:	KENNEDY PIPELINE CO
Address:	61 ARGONAUT
City,State,Zip:	ALISO VIEJO, CA 92656
Address Match Type:	PointAddress
Open USTs:	2
Closed USTs:	Not reported
TOS USTs:	Not reported
Population 1500ft:	880
Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	Not reported
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported

Actual:
422 ft.

KENNEDY PIPELINE CO (Continued) **1028192210**

SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Not reported
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	9
Tribe:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.723734964
Y Coord:	33.592076997
Latitude:	33.5920769970827
Longitude:	-117.723734964488

UST FINDER:

Object ID:	2273313
Facility ID:	CA10516102
Tank ID:	CA10516102-002_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1988/09/01 16:00:00+00
Removal Date:	Not reported
Tank Capacity:	10000
Substances:	Diesel
Tank Wall Type:	Double Wall

Object ID:	2273314
Facility ID:	CA10516102
Tank ID:	CA10516102-001_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1988/01/01 16:00:00+00
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	Regular Unleaded
Tank Wall Type:	Double Wall

H41 **CALWIRE INC** **RCRA NonGen / NLR** **1031065434**
SW **23 BROOKLINE** **CAL000485631**
1/8-1/4 **ALISO VIEJO, CA 92656**
0.189 mi.
997 ft. **Site 4 of 4 in cluster H**

Relative:
Higher

Actual:
543 ft.

RCRA Listings:

Date Form Received by Agency:	20240513
Handler Name:	Calwire Inc
Handler Address:	23 Brookline
Handler City,State,Zip:	ALISO VIEJO, CA 92656
EPA ID:	CAL000485631
Contact Name:	MICHAEL GRIMM
Contact Address:	23 BROOKLINE
Contact City,State,Zip:	ALISO VIEJO, CA 92656
Contact Telephone:	714-606-6156
Contact Fax:	Not reported
Contact Email:	MIKE@CALWIRE.COM
Contact Title:	Not reported

CALWIRE INC (Continued) **1031065434**

EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		23 BROOKLINE
Mailing City,State,Zip:		ALISO VIEJO, CA 92656
Owner Name:	Calwire Inc	
Owner Type:		Other
Operator Name:	Michael Grimm	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20240518
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

CALWIRE INC (Continued) **1031065434**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CALWIRE INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	23 BROOKLINE
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	714-606-6156
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: MICHAEL GRIMM	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	23 BROOKLINE
Owner/Operator City,State,Zip:	ALISO VIEJO, CA 92656
Owner/Operator Telephone:	714-606-6156
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20240513
Handler Name: CALWIRE INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	333998
NAICS Description:	All Other Miscellaneous General Purpose Machinery Manufacturing

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

I42 **PACIFIC ORCA** **RCRA NonGen / NLR** **1026478832**
SW **37 BROOKLINE** **E MANIFEST** **CAC003084738**
1/8-1/4 **ALISO VIEJO, CA 92656**
0.237 mi.
1250 ft. **Site 1 of 3 in cluster I**

Relative: **Higher**
Actual: **569 ft.**

RCRA Listings:

Date Form Received by Agency:		20200921
Handler Name:		Pacific Orca
Handler Address:		37 Brookline
Handler City,State,Zip:		ALISO VIEJO, CA 92656
EPA ID:		CAC003084738
Contact Name:		ASBESTOS ABATEMENT INC
Contact Address:		2296 E VIA BURTON
Contact City,State,Zip:		ANAHEIM, CA 92806
Contact Telephone:		714-780-1702
Contact Fax:		Not reported
Contact Email:		ELENA@ABGCONSTRUCTIONCO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2296 E VIA BURTON
Mailing City,State,Zip:		ANAHEIM, CA 92806
Owner Name:	Pacific Orca	
Owner Type:		Other
Operator Name:	Asbestos Abatement Inc	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No

PACIFIC ORCA (Continued) **1026478832**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200927
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PACIFIC ORCA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	37 BROOKLINE
Owner/Operator City,State,Zip:	ANAHEIM, CA 92806
Owner/Operator Telephone:	714-780-1702
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: ASBESTOS ABATEMENT INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2296 E VIA BURTON
Owner/Operator City,State,Zip:	ANAHEIM, CA 92806
Owner/Operator Telephone:	714-780-1702
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200921
Handler Name: PACIFIC ORCA	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PACIFIC ORCA (Continued) **1026478832**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: All Other Waste Management Services

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	020929885JJK
Last Updated Date:	20201109
Shipped Date:	20200930
Received Date:	20201007
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAC003084738
Generator Name:	Pacific Orca
Generator Location Street Number:	Not reported
Generator Location Street 1:	37 BROOKLINE
Generator Location Street 2:	Not reported
Generator Location City:	ALISO VIEJO
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	37 BROOKLINE
Generator Mail Street 2:	Not reported
Generator Mail City:	ALISO VIEJO
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD009007626
Designated Facility Name:	Azusa Land Reclamation Co Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1211 W. GLADSTONE STREET
Designated Facility Mail City:	AZUSA
Designated Facility Mail Zip:	91702
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1211 W. GLADSTONE STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	AZUSA
Designated Facility Location Zip:	91702
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	020929885JJK
Transporter Line Number:	1

PACIFIC ORCA (Continued) **1026478832**

Transporter EPA ID: CAR000152058
Transporter Name: Earthwise Services Llc

Waste Line:
Manifest Tracking Number: 020929885JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: NA2212
U.S. DOT Description: Na2212, Asbestos, 9, Pg Iii, Rq
Non-Hazardous Waste Description: Not reported
Number of Containers: 13
Container Type Code: BA
Container Type Description: Burlap, cloth, paper, or plastic bags
Waste Quantity: 1
Quantity Unit of Measure Code: Y
Quantity Unit of Measure Description: Cubic Yards
Waste Quantity, in Tons: 0.84
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.84
Waste Quantity, in Kilograms: 761.9052
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 761.9052
Management Method Code: H132
Management Method Description: LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N
Federal Waste Codes: Not reported
Quantity Haz Kg: 0
Quantity Haz Tons: 0
Quantity Non Haz Kg: 761.9052
Quantity Non Haz Tons: 0.84
State Waste Codes: CA-151

I43 **UNITED PARCEL SERVICE** **UST FINDER RELEASE** **1029123209**
SW **22 BROOKLINE** **N/A**
1/4-1/2 **ALISO VIEJO, CA 92656**
0.259 mi.
1365 ft. **Site 2 of 3 in cluster I**

Relative:
Higher

Actual:
595 ft.

UST FINDER RELEASE:
Object ID: 69039
Facility ID: Not reported
Lust ID: CAT0605902532
Name: UNITED PARCEL SERVICE
Address: 22 BROOKLINE

UNITED PARCEL SERVICE (Continued) **1029123209**

City,State,Zip:	ALISO VIEJO, CA 92656
Address Match Type:	StreetAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	443
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.72991
Y Coord:	33.59067
Latitude:	33.59067
Longitude:	-117.72991

I44 **UNITED PARCEL SERVICE, INC.** **RCRA-LQG 1000594559**
SW **22 BROOKLINE DRIVE.** **LUST CAD983584004**
1/4-1/2 **LAGUNA HILLS, CA 92656** **CERS HAZ WASTE**
0.259 mi. **SWEEPS UST**
1365 ft. **Site 3 of 3 in cluster I** **CERS TANKS**
CA FID UST
Relative: **CHMIRS**
Higher **FINDS**
ECHO
Actual: **E MANIFEST**
595 ft. **Cortese**
HIST CORTESE
CERS

RCRA Listings:

Date Form Received by Agency:	20240209
Handler Name:	United Parcel Service
Handler Address:	Brookline Drive
Handler City,State,Zip:	LAGUNA HILLS, CA 92656
EPA ID:	CAD983584004
Contact Name:	JAMES CARRACINO
Contact Address:	SOUTH VERNON ST
Contact City,State,Zip:	ANAHEIM, CA 92805
Contact Telephone:	562-896-2498
Contact Fax:	Not reported
Contact Email:	SOUTHCALENVIRONMENTAL@UPS.COM

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Contact Title:		CORPORATE ENVIRONMENTAL MANAGER
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2023
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Ca
State District:		4
Mailing Address:		BROOKLINE DRIVE
Mailing City,State,Zip:		LAGUNA HILLS, CA 92656
Owner Name:	United Parcel Service Inc	
Owner Type:		Private
Operator Name:	United Parcel Service Inc	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20240913
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Biennial: List of Years
Year: 2023

Click Here for Biennial Reporting System Data:
Year: 2021

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

Waste Code: D005
Waste Description: Barium

Waste Code: D006
Waste Description: Cadmium

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U117
Waste Description: Ethane, 1,1'-Oxybis-(I) (Or) Ethyl Ether (I)

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: 19910610
Date Ended Current: Not reported
Owner/Operator Address: 55 GLENLAKE PKWY NE
Owner/Operator City,State,Zip: ATLANTA, GA 30328
Owner/Operator Telephone: 661-313-1830
Owner/Operator Telephone Ext: Not reported

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Owner/Operator Fax: Not reported
Owner/Operator Email: SOUTHCALENVIRONMENTAL@UPS.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: 19910610
Date Ended Current: Not reported
Owner/Operator Address: 55 GLENLAKE PKWY NE
Owner/Operator City,State,Zip: ATLANTA, GA 30328
Owner/Operator Telephone: 661-313-1830
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SOUTHCALENVIRONMENTAL@UPS.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: 19910610
Date Ended Current: Not reported
Owner/Operator Address: 55 GLENLAKE PKWY NE
Owner/Operator City,State,Zip: ATLANTA, GA 30328
Owner/Operator Telephone: 661-313-1830
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SOUTHCALENVIRONMENTAL@UPS.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: 19910610
Date Ended Current: Not reported
Owner/Operator Address: 55 GLENLAKE PKWY NE
Owner/Operator City,State,Zip: ATLANTA, GA 30328
Owner/Operator Telephone: 661-313-1830
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SOUTHCALENVIRONMENTAL@UPS.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: 19910610
Date Ended Current: Not reported
Owner/Operator Address: 55 GLENLAKE PKWY NE
Owner/Operator City,State,Zip: ATLANTA, GA 30328
Owner/Operator Telephone: 661-313-1830
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SOUTHCALENVIRONMENTAL@UPS.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: 19910610
Date Ended Current: Not reported
Owner/Operator Address: 55 GLENLAKE PKWY NE

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Owner/Operator City,State,Zip: ATLANTA, GA 30328
Owner/Operator Telephone: 661-313-1830
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SOUTHCALENVIRONMENTAL@UPS.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: VALACAL
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: 19910610
Date Ended Current: Not reported
Owner/Operator Address: 55 GLENLAKE PKWY NE
Owner/Operator City,State,Zip: ATLANTA, GA 30328
Owner/Operator Telephone: 661-313-1830
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SOUTHCALENVIRONMENTAL@UPS.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: 19910610
Date Ended Current: Not reported
Owner/Operator Address: 55 GLENLAKE PKWY NE
Owner/Operator City,State,Zip: ATLANTA, GA 30328
Owner/Operator Telephone: 661-313-1830
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SOUTHCALENVIRONMENTAL@UPS.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: 19910610
Date Ended Current: Not reported
Owner/Operator Address: 55 GLENLAKE PKWY NE
Owner/Operator City,State,Zip: ATLANTA, GA 30328
Owner/Operator Telephone: 661-313-1830
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SOUTHCALENVIRONMENTAL@UPS.COM

Historic Generators:
Receive Date: 20220217
Handler Name: UNITED PARCEL SERVICE

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20240209
Handler Name: UNITED PARCEL SERVICE	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	19910610
Handler Name: UNITED PARCEL SERVICE	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20220124
Handler Name: UNITED PARCEL SERVICE	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20240205
Handler Name: UNITED PARCEL SERVICE - CALAG	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 49211
NAICS Description: Couriers And Express Delivery Services

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LUST:
Name: UNITED PARCEL SERVICE
Address: 22 BROOKLINE
City,State,Zip: ALISO VIEJO, CA 92656
Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0605902532
Latitude: 33.5920773
Longitude: -117.7289683
Status: Completed - Case Closed
Status Date: 01/04/1996
Case Worker: GH
RB Case Number: 9UT3197
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 95UT025
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel, Gasoline
EPA Region: 9
Coordinate Source: Google Geocode
Quantity Released Gallons: 0
Begin Date: 04/06/1995
Leak Reported Date: 04/06/1995
How Discovered: Tank Closure
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Close and Remove Tank
Stop Description: Not reported
No Further Action Date: 01/04/1996
CA Water Watershed Name: San Juan - Laguna - Aliso (901.13)
Dwr Groundwater Subbasin Name: Not reported
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 1-5% (lowest scores)
CA Enviroscreen 4 Score: 5-10%
Military DOD Site: No

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Facility Project Subtype: Not reported
RWQCB Region: SAN DIEGO RWQCB (REGION 9)
Claim Number: 12491
Claim Status: Eligible (Not Yet Funded)
Site History: Not reported

LUST:
Global Id: T0605902532
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: GENIECE HIGGINS
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: ghiggins@ochca.com
Phone Number: 7144336260

LUST:
Global Id: T0605902532
Action Type: Other
Date: 04/06/1995
Action: Leak Discovery

Global Id: T0605902532
Action Type: ENFORCEMENT
Date: 01/04/1996
Action: Closure/No Further Action Letter

Global Id: T0605902532
Action Type: Other
Date: 04/06/1995
Action: Leak Reported

Global Id: T0605902532
Action Type: ENFORCEMENT
Date: 04/14/2021
Action: Historic Files

LUST:
Global Id: T0605902532
Status: Open - Case Begin Date
Status Date: 04/06/1995

Global Id: T0605902532
Status: Completed - Case Closed
Status Date: 01/04/1996

LUST REG 9:
Region: 9
Status: Case Closed
Case Number: 9UT3197
Local Case: 95UT25
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Local Agency: Orange
How Found: Not reported
How Stopped: Not reported
Source: Not reported
Cause: Not reported
Lead Agency: Local Agency
Case Type: Soil only
Date Found: / /
Date Stopped: / /
Confirm Date: / /
Submit Workplan: 4/26/95
Prelim Assess: / /
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 04/26/1995
Enforce Date: Not reported
Closed Date: 1/4/96
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 901.13
GW Depth: 65'+
Beneficial Use: MUNBU
NPDES Number: Not reported
Priority: 2A
File Dispn: Administratively opened on database, however no file physically exists
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

ORANGE CO. LUST:
Name: UNITED PARCEL SERVICE
Address: 22 BROOKLINE
City,State,Zip: ALISO VIEJO, CA 92656-1461
Region: ORANGE
Facility Id: 95UT025
Current Status: Closed
Type of Closure: Closure certification issued
Released Substance: Not reported
Date Closed: 01/04/1996
File Location: Local Agency

CERS HAZ WASTE:
Name: UPS - LAGUNA
Address: 22 BROOKLINE DR
City,State,Zip: ALISO VIEJO, CA 92656
Site ID: 79269
CERS ID: 10156111
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: UNITED PARCEL SERVICE
Address: 22 BROOKLINE DR
City: ALISO VIEJO
Status: Active

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Comp Number: 10049
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-010049-000001
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: PETROLEUM
STG: P
Content: Not reported
Number Of Tanks: 5

Name: UNITED PARCEL SERVICE
Address: 22 BROOKLINE DR
City: ALISO VIEJO
Status: Active
Comp Number: 10049
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-010049-000004
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: Not reported

Name: UNITED PARCEL SERVICE
Address: 22 BROOKLINE DR
City: ALISO VIEJO
Status: Active
Comp Number: 10049
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-010049-000005
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: UNITED PARCEL SERVICE

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Address: 22 BROOKLINE DR
City: ALISO VIEJO
Status: Active
Comp Number: 10049
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-010049-000006
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: UNITED PARCEL SERVICE
Address: 22 BROOKLINE DR
City: ALISO VIEJO
Status: Active
Comp Number: 10049
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-010049-000007
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CERS TANKS:
Name: UPS - LAGUNA
Address: 22 BROOKLINE DR
City,State,Zip: ALISO VIEJO, CA 92656
Site ID: 79269
CERS ID: 10156111
CERS Description: Underground Storage Tank

CA FID UST:
Facility ID: 30010022
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7146436644
Mail To: Not reported
Mailing Address: 25201 PASEO ALICIA

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Mailing Address 2: Not reported
Mailing City,St,Zip: ALISO VIEJO 92656
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CHMIRS:

Name:	Not reported
Address:	22 BROOKLINE DR
City,State,Zip:	ALISO VIEJO, CA 92656
OES Incident Number:	22-6381
OES notification:	10/28/2022
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Road
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1138
Year:	2022

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Agency:	Hazmat1
Incident Date:	10/28/2022
Admin Agency:	Orange County Emergency Management Division
Amount:	Not reported
Contained:	Stopped,Contained
Site Type:	Not reported
E Date:	Not reported
Substance:	Gasoline
Quantity Released:	20
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Caller states there was a motor vehicle accident which caused a release of 20 gallons of gasoline onto asphalt. Release is stopped and contained with no waterways impacted. Contractor is performing cleanup.

FINDS:
Registry ID: 110002845556

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
California's Hazardous Waste Tracking System Data Mart (HWTS-DATAMART)

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

provides information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000594559
Registry ID:	110002845556
DFR URL:	
Name:	UNITED PARCEL SERVICE - CALAG
Address:	22 Brookline Drive
City,State,Zip:	LAGUNA HILLS, CA 92656

E MANIFEST:

Manifest Tracking Number:	013704626FLE
Last Updated Date:	20211201
Shipped Date:	20211104
Received Date:	20211105
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983584004
Generator Name:	United Parcel Service, Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	22 BROOKLINE DRIVE
Generator Location Street 2:	Not reported
Generator Location City:	LAGUNA HILLS
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	1331 S VERNON ST
Generator Mail Street 2:	Not reported
Generator Mail City:	ANAHEIM
Generator Mail Zip:	92805
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	001661951VES

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Last Updated Date:	20190806
Shipped Date:	20190724
Received Date:	20190731
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983584004
Generator Name:	United Parcel Service
Generator Location Street Number:	Not reported
Generator Location Street 1:	LAGUNA HUB
Generator Location Street 2:	22 BROOKLINE
Generator Location City:	LAGUNA HILLS
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	LAGUNA HUB
Generator Mail Street 2:	22 BROOKLINE
Generator Mail City:	LAGUNA HILL
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008302903
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	107
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	107 SOUTH MOTOR AVENUE
Designated Facility Mail City:	AZUSA
Designated Facility Mail Zip:	91702
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1704
Designated Facility Location Street 1:	1704 W FIRST ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	AZUSA
Designated Facility Location Zip:	91702
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Veolia Es Technical Solutions Llc
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	001408846VES
Last Updated Date:	20181105
Shipped Date:	20181016
Received Date:	20181025
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983584004
Generator Name:	United Parcel Service
Generator Location Street Number:	Not reported
Generator Location Street 1:	LAGUNA HUB
Generator Location Street 2:	22 BROOKLINE
Generator Location City:	LAGUNA HILLS
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	LAGUNA HUB
Generator Mail Street 2:	22 BROOKLINE

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Generator Mail City:	LAGUNA HILL
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008302903
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	107
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	107 SOUTH MOTOR AVENUE
Designated Facility Mail City:	AZUSA
Designated Facility Mail Zip:	91702
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	107
Designated Facility Location Street 1:	107 SOUTH MOTOR AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	IRWINDALE
Designated Facility Location Zip:	91702
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Veolia Es Technical Solutions Llc
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	001408873VES
Last Updated Date:	20181121
Shipped Date:	20181101
Received Date:	20181108
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983584004
Generator Name:	United Parcel Service
Generator Location Street Number:	Not reported
Generator Location Street 1:	LAGUNA HUB
Generator Location Street 2:	22 BROOKLINE
Generator Location City:	LAGUNA HILLS
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	LAGUNA HUB
Generator Mail Street 2:	22 BROOKLINE
Generator Mail City:	LAGUNA HILL
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008302903
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	107
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	107 SOUTH MOTOR AVENUE
Designated Facility Mail City:	AZUSA
Designated Facility Mail Zip:	91702
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	107
Designated Facility Location Street 1:	107 SOUTH MOTOR AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	IRWINDALE
Designated Facility Location Zip:	91702

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Veolia Es Technical Solutions Llc
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	001658797VES
Last Updated Date:	20190715
Shipped Date:	20190612
Received Date:	20190619
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983584004
Generator Name:	United Parcel Service
Generator Location Street Number:	Not reported
Generator Location Street 1:	LAGUNA HUB
Generator Location Street 2:	22 BROOKLINE
Generator Location City:	LAGUNA HILLS
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	LAGUNA HUB
Generator Mail Street 2:	22 BROOKLINE
Generator Mail City:	LAGUNA HILL
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008302903
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	107
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	107 SOUTH MOTOR AVENUE
Designated Facility Mail City:	AZUSA
Designated Facility Mail Zip:	91702
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1704
Designated Facility Location Street 1:	1704 W FIRST ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	AZUSA
Designated Facility Location Zip:	91702
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Veolia Es Technical Solutions Llc
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	001279986VES
Last Updated Date:	20180815
Shipped Date:	20180702
Received Date:	20180706
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983584004
Generator Name:	United Parcel Service
Generator Location Street Number:	Not reported
Generator Location Street 1:	LAGUNA HUB
Generator Location Street 2:	22 BROOKLINE

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Generator Location City:	LAGUNA HILLS
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	LAGUNA HUB
Generator Mail Street 2:	22 BROOKLINE
Generator Mail City:	LAGUNA HILL
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008302903
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	107
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	107 SOUTH MOTOR AVENUE
Designated Facility Mail City:	AZUSA
Designated Facility Mail Zip:	91702
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	107
Designated Facility Location Street 1:	107 SOUTH MOTOR AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	IRWINDALE
Designated Facility Location Zip:	91702
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Veolia Es Technical Solutions Llc
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	001986438VES
Last Updated Date:	20211121
Shipped Date:	20211018
Received Date:	20211104
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983584004
Generator Name:	United Parcel Service
Generator Location Street Number:	Not reported
Generator Location Street 1:	LAGUNA HUB
Generator Location Street 2:	22 BROOKLINE
Generator Location City:	LAGUNA HILLS
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	LAGUNA HUB
Generator Mail Street 2:	22 BROOKLINE
Generator Mail City:	LAGUNA HILL
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	ILD098642424
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	7 MOBILE AVENUE
Designated Facility Mail Street 2:	L.L.C.
Designated Facility Mail City:	SAUGET
Designated Facility Mail Zip:	62201-1069

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Designated Facility Mail State:	IL
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	L.L.C.
Designated Facility Location Street 2:	7 MOBILE AVENUE
Designated Facility Location City:	SAUGET
Designated Facility Location Zip:	62201-1069
Designated Facility Location State:	IL
Designated Facility Contact Company Name:	Veolia Es Technical Solutions,
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	001986524VES
Last Updated Date:	20220311
Shipped Date:	20220303
Received Date:	20220309
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983584004
Generator Name:	United Parcel Service
Generator Location Street Number:	Not reported
Generator Location Street 1:	LAGUNA HUB
Generator Location Street 2:	22 BROOKLINE
Generator Location City:	LAGUNA HILLS
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	LAGUNA HUB
Generator Mail Street 2:	22 BROOKLINE
Generator Mail City:	LAGUNA HILL
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008302903
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	107
Designated Facility Mail Street 1:	1704 W. FIRST STREET
Designated Facility Mail Street 2:	L.L.C.
Designated Facility Mail City:	AZUSA
Designated Facility Mail Zip:	91702
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1704
Designated Facility Location Street 1:	L.L.C.
Designated Facility Location Street 2:	1704 W. FIRST STREET
Designated Facility Location City:	AZUSA
Designated Facility Location Zip:	91702
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Veolia Es Technical Solutions,
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	001986559VES
Last Updated Date:	20220415
Shipped Date:	20220317
Received Date:	20220405
Manifest Status:	Signed
Submission Type:	DataImage5Copy

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Origin Type:	Service
Generator EPA ID:	CAD983584004
Generator Name:	United Parcel Service
Generator Location Street Number:	Not reported
Generator Location Street 1:	LAGUNA HUB
Generator Location Street 2:	22 BROOKLINE
Generator Location City:	LAGUNA HILLS
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	LAGUNA HUB
Generator Mail Street 2:	22 BROOKLINE
Generator Mail City:	LAGUNA HILL
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	ILD098642424
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	7 MOBILE AVENUE
Designated Facility Mail Street 2:	L.L.C.
Designated Facility Mail City:	SAUGET
Designated Facility Mail Zip:	62201-1069
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	L.L.C.
Designated Facility Location Street 2:	7 MOBILE AVENUE
Designated Facility Location City:	SAUGET
Designated Facility Location Zip:	62201-1069
Designated Facility Location State:	IL
Designated Facility Contact Company Name:	Veolia Es Technical Solutions,
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	001986560VES
Last Updated Date:	20220328
Shipped Date:	20220317
Received Date:	20220325
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983584004
Generator Name:	United Parcel Service
Generator Location Street Number:	Not reported
Generator Location Street 1:	LAGUNA HUB
Generator Location Street 2:	22 BROOKLINE
Generator Location City:	LAGUNA HILLS
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	LAGUNA HUB
Generator Mail Street 2:	22 BROOKLINE
Generator Mail City:	LAGUNA HILL
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008302903

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	107
Designated Facility Mail Street 1:	1704 W. FIRST STREET
Designated Facility Mail Street 2:	L.L.C.
Designated Facility Mail City:	AZUSA
Designated Facility Mail Zip:	91702
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1704
Designated Facility Location Street 1:	L.L.C.
Designated Facility Location Street 2:	1704 W. FIRST STREET
Designated Facility Location City:	AZUSA
Designated Facility Location Zip:	91702
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Veolia Es Technical Solutions,
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	001986628VES
Last Updated Date:	20220416
Shipped Date:	20220412
Received Date:	20220414
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD983584004
Generator Name:	United Parcel Service
Generator Location Street Number:	Not reported
Generator Location Street 1:	LAGUNA HUB
Generator Location Street 2:	22 BROOKLINE
Generator Location City:	LAGUNA HILLS
Generator Location State:	CA
Generator Location Zip:	92656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	LAGUNA HUB
Generator Mail Street 2:	22 BROOKLINE
Generator Mail City:	LAGUNA HILL
Generator Mail Zip:	92656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008302903
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	107
Designated Facility Mail Street 1:	1704 W. FIRST STREET
Designated Facility Mail Street 2:	L.L.C.
Designated Facility Mail City:	AZUSA
Designated Facility Mail Zip:	91702
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1704
Designated Facility Location Street 1:	L.L.C.
Designated Facility Location Street 2:	1704 W. FIRST STREET
Designated Facility Location City:	AZUSA
Designated Facility Location Zip:	91702
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Veolia Es Technical Solutions,
Manifest Residue Indicator:	N
Rejection Indicator:	N

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Transporter:
- Manifest Tracking Number: 001986702VES
- Transporter Line Number: 1
- Transporter EPA ID: NJD080631369
- Transporter Name: Veolia Es Technical Solutions

Waste Line:
- Manifest Tracking Number: 001986702VES
- Waste Line Number: 1
- U.S. DOT Hazardous Indicator: Y
- U.S. DOT ID Number: UN1325
- U.S. DOT Description: Un1325, Flammable Solids, Organic, N.O.S., (Ethyl Benzene, 2- Butanone Oxime), 4.1, Iii
- Non-Hazardous Waste Description: Not reported
- Number of Containers: 1
- Container Type Code: DM
- Container Type Description: Metal drums, barrels, kegs
- Waste Quantity: 103
- Quantity Unit of Measure Code: P
- Quantity Unit of Measure Description: Pounds
- Waste Quantity, in Tons: 0.0515
- Acute Waste Quantity, in Tons: 0
- Non-Acute Waste Quantity, in Tons: 0.0515
- Waste Quantity, in Kilograms: 46.712048
- Acute Waste Quantity, in Kilograms: 0
- Non-Acute Waste Quantity, in Kilorgrams: 46.712048
- Management Method Code: H061
- Management Method Description: FUEL BLENDING
- Waste Residue Indicator: N
- Quantity Discrepancy Indicator: N
- Waste Type Discrepancy Indicator: N
- Waste Density: Not reported
- Waste Density Unit of Measure Code: Not reported
- Waste Density Unit of Measure Description: Not reported
- Form Code: Not reported
- Form Code Description: Not reported
- Source Code: Not reported
- Source Code Description: Not reported
- Waste Minimization Code: Not reported
- Waste Minimization Code Description: Not reported
- Consent Number: Not reported
- EPA Waste Indicator: N
- Federal Waste Codes: Not reported
- Quantity Haz Kg: 0
- Quantity Haz Tons: 0
- Quantity Non Haz Kg: 46.712048
- Quantity Non Haz Tons: 0.0515
- State Waste Codes: CA-331

- Manifest Tracking Number: 001986702VES
- Waste Line Number: 2
- U.S. DOT Hazardous Indicator: Y
- U.S. DOT ID Number: UN2925
- U.S. DOT Description: Un2925, Flammable Solids, Corrosive, Organic, N.O.S., (Denatured Alcohol, Glycolic Acid), 4.1 (8), Iii
- Non-Hazardous Waste Description: Not reported

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	68
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.034
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.034
Waste Quantity, in Kilograms:	30.839024
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	30.839024
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	30.839024
Quantity Non Haz Tons:	0.034
State Waste Codes:	CA-331
Manifest Tracking Number:	001986702VES
Waste Line Number:	3
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2926
U.S. DOT Description:	Un2926, Flammable Solids, Toxic, Organic, N.O.S, (Aromatic Naphhta, Toluene Diisocyanate), 4.1 (6.1), Iii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	191
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0955
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0955
Waste Quantity, in Kilograms:	86.62137
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	86.62137
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	86.62137
Quantity Non Haz Tons:	0.0955
State Waste Codes:	CA-331

Manifest Tracking Number:	001986702VES
Waste Line Number:	4
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2926
U.S. DOT Description:	Un2926, Flammable Solids, Toxic, Organic, N.O.S, (Aromatic Naphtha, Toluene Diisocyanate), 4.1 (6.1), Iii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	163
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0815
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0815
Waste Quantity, in Kilograms:	73.92295
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	73.92295
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Quantity Haz Tons: 0
Quantity Non Haz Kg: 73.92295
Quantity Non Haz Tons: 0.0815
State Waste Codes: CA-331

Manifest Tracking Number: 001986702VES
Waste Line Number: 5
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3139
U.S. DOT Description: Un3139, Waste Oxidizing Liquid, N.O.S., (Calcium Nitrate, Calcium Chloride), 5.1, Iii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 96
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.048
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.048
Waste Quantity, in Kilograms: 43.53744
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 43.53744
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y
Federal Waste Codes: D001
Quantity Haz Kg: 43.53744
Quantity Haz Tons: 0.048
Quantity Non Haz Kg: 0
Quantity Non Haz Tons: 0
State Waste Codes: CA-141

Manifest Tracking Number: 001986702VES
Waste Line Number: 6
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN2811
U.S. DOT Description: Un2811, Toxic Solids, Organic, N.O.S., (Glyphosate Isopropylamine Salt, Imidacloprid), 6.1, Iii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Waste Quantity:	131
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0655
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0655
Waste Quantity, in Kilograms:	59.410465
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	59.410465
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	59.410465
Quantity Non Haz Tons:	0.0655
State Waste Codes:	CA-331, CA-352
Manifest Tracking Number:	001986702VES
Waste Line Number:	7
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3260
U.S. DOT Description:	Un3260, Corrosive Solid, Acidic, Inorganic, N.O.S., (Hydrochloric Acid, Sulfuric Acid), 8, Iii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	96
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.048
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.048
Waste Quantity, in Kilograms:	43.53744
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	43.53744
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	43.53744
Quantity Non Haz Tons:	0.048
State Waste Codes:	CA-141
Manifest Tracking Number:	001986702VES
Waste Line Number:	8
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3261
U.S. DOT Description:	Un3261, Corrosive Solid, Acidic, Organic,N.O.S., (Hydrogen Peroxide, Peracetic Acid), 8, Iii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	83
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0415
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0415
Waste Quantity, in Kilograms:	37.641747
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	37.641747
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	37.641747
Quantity Non Haz Tons:	0.0415

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

State Waste Codes: CA-331

Manifest Tracking Number: 001986702VES
Waste Line Number: 9
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3261
U.S. DOT Description: Un3261, Corrosive Solid, Acidic, Organic,N.O.S., (Lactic Acid, Acetic Acid), 8, Iii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 108
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.054
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.054
Waste Quantity, in Kilograms: 48.97962
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 48.97962
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N
Federal Waste Codes: Not reported
Quantity Haz Kg: 0
Quantity Haz Tons: 0
Quantity Non Haz Kg: 48.97962
Quantity Non Haz Tons: 0.054
State Waste Codes: CA-331

Manifest Tracking Number: 001986702VES
Waste Line Number: 10
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3262
U.S. DOT Description: Un3262, Corrosive Solid, Basic, Inorganic, N.O.S., (Sodium Hypochlorite, Limestone), 8, Iii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 124
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Waste Quantity, in Tons:	0.062
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.062
Waste Quantity, in Kilograms:	56.235863
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	56.235863
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	56.235863
Quantity Non Haz Tons:	0.062
State Waste Codes:	CA-141

Manifest Tracking Number:	001986702VES
Waste Line Number:	11
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3263
U.S. DOT Description:	Un3263, Corrosive Solid, Basic, Organic, N.O.S., (Alkyl Dimethyl Benzyl Ammonium Chloride(S), Ethanolamine), 8, Iii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	164
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.082
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.082
Waste Quantity, in Kilograms:	74.376465
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	74.376465
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	74.376465
Quantity Non Haz Tons:	0.082
State Waste Codes:	CA-331
Manifest Tracking Number:	001986702VES
Waste Line Number:	12
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3077
U.S. DOT Description:	Un3077, Environmentally Hazardous Substance, Solid, N.O.S., (Ammonium Lauryl Sulfate, Sodium Citrate), 9, Iii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	144
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.072
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.072
Waste Quantity, in Kilograms:	65.30616
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	65.30616
Management Method Code:	H061
Management Method Description:	FUEL BLENDING
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	65.30616
Quantity Non Haz Tons:	0.072
State Waste Codes:	CA-331
Manifest Tracking Number:	001986702VES

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Waste Line Number: 13
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3077
U.S. DOT Description: Un3077, Environmentally Hazardous Substance, Solid, N.O.S., (Cocamidopropyl Betaine, Sodium Lauryl Sulfate), 9, Iii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 172
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.086
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.086
Waste Quantity, in Kilograms: 78.004585
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 78.004585
Management Method Code: H061
Management Method Description: FUEL BLENDING
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N
Federal Waste Codes: Not reported
Quantity Haz Kg: 0
Quantity Haz Tons: 0
Quantity Non Haz Kg: 78.004585
Quantity Non Haz Tons: 0.086
State Waste Codes: CA-331

Manifest Tracking Number: 001986702VES
Waste Line Number: 14
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3077
U.S. DOT Description: Un3077, Environmentally Hazardous Substance, Solid, N.O.S., (Decyl Glucoside, 2- Butoxyethanol), 9, Iii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 149
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0745
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0745

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Waste Quantity, in Kilograms:	67.57374
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	67.57374
Management Method Code:	H061
Management Method Description:	FUEL BLENDING
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	67.57374
Quantity Non Haz Tons:	0.0745
State Waste Codes:	CA-331

Manifest Tracking Number:	001986702VES
Waste Line Number:	15
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3077
U.S. DOT Description:	Un3077, Environmentally Hazardous Substance, Solid, N.O.S., (Ethylene Glycol, 1,2- Propanediol), 9, Iii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	143
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0715
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0715
Waste Quantity, in Kilograms:	64.85265
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	64.85265
Management Method Code:	H061
Management Method Description:	FUEL BLENDING
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N
Federal Waste Codes: Not reported
Quantity Haz Kg: 0
Quantity Haz Tons: 0
Quantity Non Haz Kg: 64.85265
Quantity Non Haz Tons: 0.0715
State Waste Codes: CA-331

Manifest Tracking Number: 001986702VES
Waste Line Number: 16
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3077
U.S. DOT Description: Un3077, Environmentally Hazardous Substance, Solid, N.O.S., (Sodium Xylene Sulfonate, Cetyl Ethylhexanoate), 9, Iii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 140
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.07
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.07
Waste Quantity, in Kilograms: 63.492104
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 63.492104
Management Method Code: H061
Management Method Description: FUEL BLENDING
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N
Federal Waste Codes: Not reported
Quantity Haz Kg: 0
Quantity Haz Tons: 0
Quantity Non Haz Kg: 63.492104
Quantity Non Haz Tons: 0.07
State Waste Codes: CA-331

Manifest Tracking Number: 001986702VES
Waste Line Number: 17
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non-Rcra Hazardous Waste Liquid
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	213
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.1065
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.1065
Waste Quantity, in Kilograms:	96.5987
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	96.5987
Management Method Code:	H061
Management Method Description:	FUEL BLENDING
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	96.5987
Quantity Non Haz Tons:	0.1065
State Waste Codes:	CA-331

Manifest Tracking Number:	001986702VES
Waste Line Number:	18
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non-Rcra Hazardous Waste Solid, (Oil Contaminated Debris)
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	138
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.069
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.069
Waste Quantity, in Kilograms:	62.58507
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	62.58507
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	62.58507
Quantity Non Haz Tons:	0.069
State Waste Codes:	CA-352

Click this hyperlink while viewing on your computer to access
116 additional US EManifest: record(s) in the EDR Site Report.

CORTESE:

Name:	UNITED PARCEL SERVICE
Address:	22 BROOKLINE
City,State,Zip:	ALISO VIEJO, CA 92656
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605902532
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	UNITED PARCELS SERVICE
edr_fadd1:	22 BROOKLINE
City,State,Zip:	ALISO VIEJO, CA 92656
Region:	CORTESE
Facility County Code:	30

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Reg By: LTNKA
Reg Id: 9UT3197

CERS:
Name: UPS - LAGUNA
Address: 22 BROOKLINE DR
City,State,Zip: ALISO VIEJO, CA 92656
Site ID: 79269
CERS ID: 10156111
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 79269
Site Name: UPS - Laguna
Violation Date: 01-27-2021
Citation: HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 02/03/2021. Certification of Financial Responsibility (CFR) for this facility expired on 4/26/20. Current CFR must be submitted electronically and a copy be maintained on site within 30 days of this inspection.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 79269
Site Name: UPS - Laguna
Violation Date: 08-16-2021
Citation: HSC 6.7 25291(a)(2) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(2)
Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes: Returned to compliance on 06/09/2022. Diesel West, New Oil and Waste Oil Lines, UDCs 2 and 8 South failed tests on 7/22/21. Investigation to determine all secondary containment failures must be conducted and if necessary, plans for repair/replacement must be submitted to this Agency within 30 days of this report.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 79269
Site Name: UPS - Laguna
Violation Date: 09-29-2021
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

	capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Returned to compliance on 12/13/2021. The Shut-Off Valve in New Oil tank (T4) is broken and waste oil tank's overfill prevention equipment was not tested due to broken/disconnected probe wiring. Overfill prevention equipment for both new oil and waste oil tanks must replaced/repaired and retested within 30 day of this inspection report.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	79269
Site Name:	UPS - Laguna
Violation Date:	08-13-2018
Citation:	HSC 6.7 25291(a)(2) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(2)
Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes:	Returned to compliance on 03/23/2020. The following components have been notified as Components FAILING; T3 S- diesel piping sump (visual fail- piping encapsulation deterioration), T4 New Oil piping sump (visual fail- piping encapsulation deterioration) T5 waste oil piping sump (visual fail- piping encapsulation deterioration) T1- 87 piping sump (visual fail- piping encapsulation deterioration), T1- 87 secondary piping run (stated to be from leaking boot inside UDC1) T2 Diesel piping run (stated to be from leaking boot inside UDC3) T2- diesel piping sump (visual fail- piping encapsulation deterioration), Diesel UDC 1 and 3 Please submit a plan check for repair of the failed components to this Agency within 30 days. If there is a question regarding the necessity of plan check for certain repairs or modifications, please contact this Agency for clarification. Plan Check Fees and the Facility Modification Application can be found at www.occupainfo.com Please schedule the retest for the [Truncated]
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	79269
Site Name:	UPS - Laguna
Violation Date:	01-07-2019
Citation:	HSC 6.7 25291(a)(2) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(2)
Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary

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containment testing).
Violation Notes: Returned to compliance on 02/05/2019. Facility is still out of compliance on the failed SB989 tested components.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 79269
Site Name: UPS - Laguna
Violation Date: 01-07-2019
Citation: 23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Description: "Failure to submit a copy of the overfill prevention equipment inspection results on the Overfill Prevention Equipment Inspection Report Form to the UPA within 30 days after the inspection. "
Violation Notes: Returned to compliance on 02/05/2019. OBSERVATION: Owner/operator failed to submit a copy of the overfill prevention equipment inspection results on the Overfill Prevention Equipment Inspection Report Form to the UPA within 30 days after the inspection. CORRECTIVE ACTION: Submit a copy of the overfill prevention equipment inspection results on the Overfill Prevention Equipment Inspection Report Form to the UPA within 30 days. Allan Painter states that the overfill inspection was done in September of 2018, he does not have a copy of the results, and they have not been submitted to this Agency. Find and submit a copy of the overfill testing results within 30 days to abate this violation.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 79269
Site Name: UPS - Laguna
Violation Date: 10-21-2020
Citation: HSC 6.7 25291(a)(1) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(1)
Violation Description: Failure to construct, operate, and maintain primary containment as product-tight.
Violation Notes: Returned to compliance on 11/04/2021. A test of Tank 1’s (87 unleaded) annular space conducted in September 2020 indicates that the annular space is unable to hold vacuum pressure. Additionally the test report indicates the contents of the UST have been removed and water has subsequently entered the primary tank. Submit plans to this agency within 30 days (11/21/2020) detailing the repair or removal of this tank.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 79269
Site Name: UPS - Laguna
Violation Date: 01-08-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 02/14/2018. OBSERVATION: The facility has

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not accurately submitted the Hazardous Materials Inventory Chemical Description pages make the following changes and resubmit to the CUPA. 1. On the chemical disclosures for solids (which most are as you solidify most waste), change the units for solids to pounds, and delete all chemical disclosures that do not exceed 500 pounds for solids. In the case of the wastes from spills, review of your manifests show that the poundages for: waste flammable solids, waste oxidizing solids, waste organic peroxides, waste corrosive solids and waste other regulated solids are all well under the 500 pounds at all times. Review to verify then remove disclosures for these wastes as well as drain oil filters, drained paper filters, possibly the grease if max daily is less than 500 pounds, remove spent brake fluid, and possibly petroleum contaminated solid if less than 500 pounds stored onsite. 2. research the waste generated in April 2017, listed as 3 drums [Truncated]

Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 79269
Site Name: UPS - Laguna
Violation Date: 01-16-2020
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Returned to compliance on 03/23/2020. This facility currently has an outstanding violation that has prevented the operator from obtaining a current Underground Storage Tank Permit from this agency. The following violation is uncorrected: I481 (dated 10/1/2019) - Facility has failed Secondary component for theT4 New oil piping sump and T5Waste oil piping sump.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 79269
Site Name: UPS - Laguna
Violation Date: 08-16-2021
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Returned to compliance on 11/04/2021. This facility is operating underground tanks without a permit due to failure in gasoline’s tanks primary containment in 9/2020. Failure in gasoline tank must be addressed within 30 days of this inspection report to prevent further enforcement action.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 79269
Site Name: UPS - Laguna
Violation Date: 02-05-2021
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)

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Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 03/26/2021. Diesel line leak detector in South fuel area did not pass test. Failed line leak detector must be repaired/replaced and retested within 30 days of this inspection.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 07-15-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989 test notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-13-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Recieved and reviewed SB989 testing reports for testing done on 7/31/18. Components PASSING; T3 S-diesel secondary -piping run/overfill box/UDC diesel master/UDC diesel S T4 new oil piping run T5 Waste oil piping run/ and overfill box T1- 87 overfill box T2 diesel overfill box Diesel UDC 2 and 4 and 5 and 6 Components FAILING; T3 S- diesel piping sump (visual fail- piping encapsulation deterioration), T4 New Oil piping sump (visual fail- piping encapsulation deterioration) T5 waste oil piping sump (visual fail- piping encapsulation deterioration) T1- 87 piping sump (visual fail- piping encapsulation deterioration), T1- 87 secondary piping run (stated to be from leaking boot inside UDC1) T2 Diesel piping run (stated to be from leaking boot inside UDC3) T2- diesel piping sump (visual fail- piping encapsulation deterioration), Diesel UDC 1 and 3 Copy of report emailed to UPS J.H Bailey and to Environmental contace Edwin Otubuah
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspected perimeter of facility including the dumpster area. Permission to inspect granted by Kalena Fitzpatrick. Manifests for hazardous waste pickup kept on site and available for review during the past three years. Hazardous waste contingency plan posted on site. Hazardous waste properly stored, labeled and dated. Weekly hazardous waste storage area inspection log kept on site and available for review. No violations noted at this time.

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Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine underground tank inspection and to observe the annual monitor certification for five underground tanks. Met with Bob Toomey of Packham/Toomey Inc. Current ICC, VMI and Veeder Root certifications provided. The tank top sumps and UDCs were free of liquid. Sensors were located at the low area of secondary containment. Secondary testing was performed on 7/20/15 and is current until 7/20/18. Financial certification is valid through 4-3-16. Reviewed monthly designated operator (DO) reports for the past 12 months. DO reports properly completed and followed up on when needed. Corrective action documentation available for review. DO training provided to five employees on 4-14-15. Reviewed latest UST submittal in CERS. DO certification is current (12-16-16). CFR is current. No violations noted at this time.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-17-2024
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine Underground Storage Tank (UST) inspection and witness the annual monitoring system certification and spill bucket testing. Met with Mark Riley with Belshire Environmental. Technician certifications (VR, ICC and monitoring equipment manufacturing certifications) were verified Also present was Juan Gomez, UPS Corporate Environmental Coordinator, for the site. The facility has one double walled 10,000 gallon UST containing diesel. The system is monitored by a Veeder Root TLS 350 panel. The monitor is operational for audible and visual alarms and display reads "all functions normal." Overfill protection is by flapper valves. Tank annular is "wet" and monitored by VR303, fill and sump are monitored by VR208 sensors, and the UDCs have stand alone sensors that stop flow of gas when activated. Sensors were observed at the lowest point. Sensor out and fail-safe were verified and passed. All sensors tested and verified to be operational. Diesel line leak detector

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-18-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed Overfill Prevention Equipment Inspection Report Form for tests conducted on 12/13/21 after completion of repairs on New Oil and Used Oil tanks. Fill Tube Shut-Off Valve installed in New Oil tank passed with overfill equipment activating at 94% and new probe in Waste Oil tank was activated at 88%. Please be advised that this

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facility is still operating remaining tanks without a permit to due outstanding secondary containment violation cited in this agency's inspection report dated 8/16/21 for failure in UDC 8 during testing activities on 7/22/21.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-23-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following CLASS II violations remain uncorrected: I382 (dated 8/13/2018) - Facility has failed Secondary component for the T4 New oil piping sump and T5 Waste oil piping sump. I481 (dated 1/16/2020) - Operating UST without a valid permit Failure to correct the violations listed above will result in a Notice of Violation (NOV) and the violations being elevated to Class I, which will require formal enforcement by OC CUPA in the form of an Administrative Enforcement Order (AEO) or referral to the District Attorney s Office, which will include the assessment of administrative penalties outlined in H&SC section 25404.1.1. Continue to correct all outstanding violations. An re-inspection of this facility may occur within 30 days of the last inspection (2/16/2020) to determine the status of the above uncorrected violations.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-16-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: I received and reviewed Secondary Containment Testing Report Form (3 year SB989) for activities conducted on 7/22/21. All components passed test, except for the following: - Diesel West - Product Line - New Oil - Product Line - Waste Oil Line - UDCs 2 and 8 South Investigation to determine all secondary containment failures must be conducted and if necessary, plans for repair/replacement must be submitted to this Agency within 30 days of this report. In addition, this facility is currently operating underground tanks without a permit since this agency has not received any correspondence or notifications regarding removing and/or replacing gasoline tank that had a primary containment failure in 9/2020. Failure in gasoline tank must be addressed within 30 days of this inspection report to prevent further enforcement action.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-25-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted submittal.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP

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Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-21-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: A vacuum test conducted on Tank 1 (87 unleaded) UST annular space was conducted in September 2020. A failure was noted in the test report and must be corrected (see violation for more details). A copy of this inspection report will be emailed to: jstankus@ups.com; matthewballard@ups.com
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-16-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following tanks were removed on 11/4/2021 under plan check SR0145688: - 10K gallon tank, regular - 10K gallon tank, diesel Soil sampling was conducted in accordance with 23CCR 2672. Please submit the following documents to this Agency within 60 days of UST removal: - Complete soil/water sample analysis, including white copy of chain of custody - Copy of certificate of UST destruction - Copy of uniform hazardous waste manifest(s) for transport of residual liquid, solids, or sludge waste removed from the tank - Hazardous Waste Tank Closure Certification Form - Information regarding backfill, including source, volume, purchase receipts, certified clean documentation. Backfill must be in accordance with DTSC Clean Imported Fill Material Guidance. Hard copies of documents must be sent to Dan Weerasekera at 1241 E. Dyer Rd., Suite 120, Santa Ana, CA 92705. CERS UPDATE REQUIRED Please submit an update into CERS to reflect the tanks that were removed. [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-27-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted submittal of HM for
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness monitoring system certification testing activities and to conduct routine UST inspection. A facility contact on site to assist with authorizing tank system for testing activities was not present on site. UDCs have two stand alone sensors, one for diesel pump and one for gasoline. Sensors for diesel dispensers, except for pump #4 that has a broken handle, were tested and passed by shutting

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down dispenser. Other components in fuel island area could not be tested since gasoline tank which has a leak in primary containment is empty and diesel turbines could not be turned on. Motor oil and used motor oil tanks are not in used and will be tested when testing activities in fuel island are conducted. Valid permit, designated operator documentation, monthly inspection reports, responses to alarms, monitoring plan, response plan, employee training records, tank pages, certification of financial responsibility (expired 4/26/20), copies of monitoring [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review of facility info and emergency plans accepted this date. Noted need for submittal of 2017 submittal inventory.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-11-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File purge

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-19-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site to witness secondary containment testing after completion of repairs on UDC 8 that failed during initial SB989 testing on 7/22/21. UDC was filled with water and passed a 15 minute test using Incon. Scope of work approved for this repair was to "Replace OPW bottom entry penetration (PEF-3515X) and retest. However, I was notified that the repair included breaking ground and replacing boot from outside of UDC. This agency did not witness soap test on new boot and verify that line held pressure after installation and before backfilling. Brandon McDaniel of Jones Covey Group Incorporated conducted test and has valid ICC and monitoring equipment manufacturing certifications.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-22-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received report for the tank system monitoring certification performed on 1-9-14. All monitoring equipment operational per manufacturer’s

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specifications.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct routine hazardous waste inspection. Jennifer Naughton and Spencer Howmann granted access to conduct inspection in vehicle service and facility's warehouse. I walked the perimeter and through vehicle service area and inspected waste storage areas in vehicle service and warehouse's hazardous waste storage areas. I did not observe any hazardous waste in trash cans throughout facility. All aboveground storage tanks and waste drums storing hazardous waste are stored closed and properly labeled. Manifests were reviewed. Emergency contact information is posted throughout facility.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-17-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted submittal in CERS. Sensors model numbers were corrected for tank numbers 2 & 4. CFR and LRP updated
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-29-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: I reviewed Overfill Prevention Equipment Inspection Report Form for activities conducted on 9/13/21. Facility has Fill Tube Shut-Off Valve for overfill protection. Overfill prevention equipment passed test in all tanks, except for New Oil tank (T4), with equipment activating at 95%. Waste oil tank's overfill prevention equipment was not tested due to broken/disconnected probe wiring. Overfill prevention equipment for waste oil must replaced/repaired and retested within 30 day of this inspection report. The Shut-Off Valve in New Oil tank (T4) is broken and must replaced/repaired and retested within 30 day of this inspection report.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-01-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On 5-3-19 the following secondary components passed testing: Product piping, vent piping and turbine sump for tanks 1 (gasoline) & 2 (diesel) Turbine sump for tank 3 (diesel) Did not list results for

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UDCs 1 & 3. Currently the three sumps, two product lines, two vent lines and two sumps are being tested (6 month retest). Francisco Urena of P F Services Inc on site to perform testing. Current ICC and Incon certifications provided. Tanks 4 (new oil) & 5 (waste oil) were not repaired/modified. Violations I481 (operating without a permit) and I382 (secondary containment maintained tight and has been confirmed by testing) are still open. Tanks need to be immediately repaired or removed. Submit new modification or removal plans to Health Care Agency.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-27-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review of CERS submittal accepted Do Pablo Fuerte, exp 9/30/18
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness monitoring system certification testing activities and to conduct routine UST inspection. Jason Boos granted consent to conduct inspection. Facility has one diesel, one waste oil and one new motor oil tank. Diesel, waste oil and new motor oil annulars are wet . Sensors shut down respective turbine at sensor out and high liquid level. Diesel tank's piping sump sensor functioned/alarmed properly (visual and audible) and shut down turbine when submerged in water. Waste oil and new motor oil tanks' piping sump sensors functioned/alarmed properly, both visual and audible, when submerged in water. Diesel tank's fill sump is direct bury. Fill sump sensors for waste oil and new motor oil tanks alarmed properly, both visual and audible, when submerged in water. UDCs have stand alone sensors that stop flow of gas when activated and both functioned properly when tested. Diesel line leak detector was tested and passed. Fail-safe and sensor [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-03-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: I received a copy of Monitoring System Certification Form and Spill Container Testing Report Form for activities conducted on 2/5/21. All tested components passed testing except for the line leak detector for south diesel tank. Please be advised that the failed line leak detector must be repaired/replaced and retested by 3/5/21. Gasoline tank/components were not tested and "failed" due to breach in tank's primary wall. Tank removal plans were submitted to this agency on 2/26/21.

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Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-23-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: An on-site follow-up inspection was conducted this date (3/23/2020). Access to the facility was provided by Johnnie Stankus. The violations noted below are in reference to a visit or review of your facility conducted on 10/11/2019. OUTSTANDING VIOLATIONS - 3/23/2020 NONE CORRECTED VIOLATIONS - 3/23/2020 I481 - Belshire Environmental Services conducted secondary containment tests of both the Waste Oil and New Oil piping sumps (INCON tests). The contractor demonstrated PASS results for both sumps. This facility has abated all outstanding violations and may now be issued an Underground Storage Tank permit. An inspection report is to be emailed to: JHBAILEY@UPS.COM; jstankus@ups.com
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-31-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted submittal in CERS.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-08-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted submittal in CERS.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-29-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This Agency has received UST removal plans under SR0150117: The following tank(s) are included in the plan check for removal: 1 x 1000 gallon tank, motor oil 1 x 1000 gallon tank, waste oil As the owner and/or operator of the UST(s), the following requirements apply: - All residual liquid, solids, or sludges shall be removed and handled as hazardous waste or recyclable materials - Tank removal and soil sampling procedures must be conducted in accordance with 23CCR 2672 The following documents must be submitted within 60 days of UST removal: - Complete soil/water sample analysis, including the original white copy of the OCHCA chain of custody - Copy of certificate of UST destruction - Copy of uniform hazardous waste manifest(s) for transport of residual liquid, solids, or sludge waste removed from the

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tank - Hazardous Waste Tank Closure Certification Form Removal plans are valid for one year from the date of approval. Plan Check Fee Notice UST plan [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-01-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor certification notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-25-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received results for secondary containment testing performed on 7-20 15. All 23 components passed testing.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-11-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This facility has NOT been issued a permit due to Failed Secondary Components. On 7/29/19 - Inspector Lance Malis spoke to District Environmental Coordinator, facility is in the process of getting bids to remove tanks. On 7/9/19 - SR0134753 permit was pulled. Facility will receive a permit once in compliance. PLEASE NOTE: 25299. VIOLATIONS; CIVIL AND CRIMINAL PENALTIES (a) Any operator of an underground tank system shall be liable for a civil penalty of not less than five hundred dollars ($500) or more than five thousand dollars ($5,000) for each underground storage tank for each day of violation for any of the following violations: (1) Operating an underground tank system which has not been issued a permit, in violation of this chapter. .
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-14-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received plans for secondary testing failures from 7/31/18 testing under SR0134753
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown

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Eval Date: 01-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS review
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine underground tank inspection and to observe the annual monitor certification for five underground tanks. Met with Bob Toomey of Packham/Toomey Inc. Current ICC, VMI and Veeder Root certifications provided. The five tank top sumps and eight UDCs were free of liquid. Sensors were located at the low area of secondary containment. Secondary testing was conducted on 7/18/12 and is current until 7/18/15. Financial certification is valid through 3-27-14. Reviewed the compliance binder, which includes the current permitting forms and monitoring plan. Reviewed monthly designated operator (DO) reports. DO reports properly completed and followed up on when needed. DO training provided according to the 12-5-13 report. No violations noted at this time.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine compliance inspection. Walked facility with Jim Carracino. Did not observe any qualifying hazardous materials stored on site that were omitted from the disclosure. Reviewed and did not accept the chemical inventory and site map submittal in CERS. Please address the following: If the chemical is listed as pure, List the CAS number and leave the mixture components box blank. When the chemical is listed as a mixture or waste, make sure the mixture components box has at least one line completely filled out (chemical name, CAS # and % weight). If there is not a CAS number for the component, delete that line from the box. The site map was not legible. Make sure locations for all items on the checklist are included and legible on the site map. Resubmit after modifications have been performed. * Latest response and training plans were accepted in CERS
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-16-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed monitoring certification dated 1/8/2018. All components passed.
Eval Division: Orange County Environmental Health
Eval Program: UST

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-18-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review of CERS submittal, DO updated, Robert Toomey ICC 5253051-uc financial resp/cfo letter exp 3/6/2018
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed monitoring system certification from testing dated 1/9/17. All components passed.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-20-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received report for a UST system monitoring certification performed on 1-12-16. All monitoring equipment operational per manufacturer’s specifications.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-05-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: On site for follow up inspection to witness monitoring system certification testing activities for components that were not tested during initial inspection conducted on1/27/21. Gasoline tank’s annular and sump sensors were only tested for functionality, visual and audible alarms, due to leak in primary containment and it being empty. Both sensors alarmed properly. All other tanks’ annulars are wet." Diesel tanks’ annular sensors alarmed properly (both visual and audible) and shut down respective turbine at sensor out and low liquid level. Waste oil and new motor oil tanks’ annular sensors alarmed properly, both visual and audible, at sensor out and low liquid level. Turbine sump sensors for diesel tanks alarmed properly (visual and audible) and shut down respective turbine when submerged in water. Fuel tanks have direct bury fill sumps at this facility. Fill sump sensors for waste oil and new motor oil tanks alarmed properly, both visual and audible, [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Eval Date: 01-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS review
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Tester Bob Toomey, ICC exp 8/31/19, Veeder Root exp 9/11/18, VMI exp 8/19/18 Report emailed to Micahel Granche
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Routine inspection conducted this date in regards to underground storage tank, consent to enter, inspect and take photographs was given by Mike Grance-, Engineering Sup Monitoring system certification was conducted at this time. Bob Toomey, performed the monitor cert. Ensure submittal of monitor cert test results within 30 days. Tester provided the following certifications: ICC Tech 5253051 exp 9/2/17, Veeder-Root tech #a31644 exp 9/11/18 VMI/vaporless 8/19/18 Number of UST s -6 Leak detector type -vaporless Sensor types -205/303/001 UDC type -single wall The Veeder-Root monitoring panel showed all functions normal. Sensors and sumps in good order this date, but due to the extreme rain conditions, rain water entered some of the sumps, but will be removed prior to completion of the monitoring cert. The following documents were available for review: CUPA Business Activities form, CUPA Business Owner / Operator Identification form CUPA UST Facility [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-20-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine Hazardous Materials Business Plan (HMBP). Juan Carlos Gomez, UPS Corporate Environmental Coordinator, provided consent to inspect. Observed the following materials on site at reportable quantities: diesel fuels, car was detergent, car wash reverse osmosis antiscalant, engine wash detergent, acetylene, oxygen, waste aerosols, lubricating grease, lubricating oil, antifreeze, used motor oil, hydraulic oil, transmission fluid, used antifreeze, Hazardous Materials disclosed in CERS (10156111) match what is reported on site. Training was reported to be conducted and logs are kept online Per California Health & Safety Code Ch. 6.95, businesses that store and handle hazardous materials at or over reportable quantities (55 gal of a liquid, 500 lbs of a solid, 200 cubic ft of a

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

compressed gas) must prepare and implement an HMBP. The facility is responsible for identifying all hazardous materials, including hazardous wastes, which are at or above disclosure thresholds. If

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-20-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine hazardous waste inspection. Juan Carlos Gomez, UPS Corporate Environmental Coordinator, provided consent to inspect. Walked throughout the vehicle service facility and inspected the waste storage area in the vehicle service and warehouse's hazardous waste storage areas. Hazardous waste were properly labeled, stored, and dated. Hazardous space was not observed in trash cans throughout the facility. Metals are stored for recycling and a logged is maintained. Manifests were available and reviewed. Pick ups are by Veolia ES Technical Solutions. A review of the manifests indicates that this facility is a large quantity hazardous waste generator Emergency response information is posted and employees are reported to be trained and training records are maintained online. No hazardous waste violations were observed on this date. Inspection report emailed to Juan Carlos Gomez at juancarlosgomez@ups.com

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review of CERS info accepted DO -Robert Toomey financial responsibility/CFO exp 3/6/2018 and 3/24/2018

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-19-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This Agency received the secondary containment test report for a test conducted 3/23/2020. This test was conducted in reference to SR0134753. The following components PASSED testing: Piping/fill sump (Used oil, new oil)

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-13-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Overfill Prevention Equipment inspection was conducted on this date after completion of repairs. Fill Tube Shut-Off Valve in New Oil tank

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

passed with overfill equipment activating at 94.1% and probe in Waste Oil tank activating at 90%. Outstanding violation I101 regarding failure to comply with overfill prevention equipment requirements, cited in inspection report dated 9/29/21, has been corrected. In addition, outstanding violation I016 regarding UST's primary containment not being maintained product tight, cited in inspection report dated 10/21/20, has been corrected due to removal of the gasoline tank that did not pass test in 9/2020. Please be advised that the following outstanding violations cited in inspection report dated 8/26/21, will be corrected upon submittal of updated tank information in CERS and completion of repairs in UDC 8 with scope of work included in plan submitted to this agency on 12/6/21: - Violation I382 regarding failure to maintain [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-20-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine Underground Storage Tank (UST) inspection and witness the annual monitoring system certification and spill bucket testing. Met with David Walker with Belshire Environmental. Technician certifications (VR, ICC and monitoring equipment manufacturing certifications) were verified Also present was Juan Gomez, UPS Corporate Environmental Coordinator, for the site. The facility has one double walled 10,000 gallon UST containing diesel. The system is monitored by a Veeder Root TLS 350 panel. The monitor is operational for audible and visual alarms and display reads "all functions normal." Overfill protection is by flapper valves. Tank annular is "wet" and monitored by VR303, fill and sump are monitored by VR208 sensors, and the UDCs have stand alone sensors that stop flow of gas when activated. Sensors were observed at the lowest point. Sensor out and fail-safe were verified and passed. All sensors tested and verified to be operational. Diesel line leak detecto

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Report emailed to Micahel Granche

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Declined materials in CERS this date. Report emailed to Micahel Granche

Eval Division: Orange County Environmental Health
Eval Program: HMRRP

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-09-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site for initial hazardous materials and business emergency plan audit Observed the facility and inspected hazardous materials storage. The following hazardous materials were observed in amounts that exceed the required disclosure quantities: - One 55 gallon drum of used radiator coolant - Two 55 gallon drums of new radiator coolant - Two diesel USTs - One gasoline UST - One used oil UST - One new oil UST - One 55 drum of waste brake fluid - Various drums and containers of new oils - Various compressed gas cylinders Chemical disclosure, BEP, site map and facility forms submitted via CERS on 2-28-13. Disclosure to be reviewed.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine underground tank inspection and to observe the annual monitor certification for five underground tanks. Met with Bob Toomey of Packham/Toomey Inc. Current ICC, VMI and Veeder Root certifications provided. The five tank top sumps and eight UDCs were free of liquid. Sensors were located at the low area of secondary containment. Secondary testing was performed on 7/18/12 and is current until 7/18/15. Financial certification is valid through 3-25-15.
Reviewed monthly designated operator (DO) reports for the past 12 months. DO reports properly completed and followed up on when needed. Corrective action documentation available for review. DO training provided on 9-14-14. Reviewed and did not accept latest UST submittal in CERS. * The sensor model number for the annular space in tanks 2 and 4 are listed as 302s. Per Bob Toomey they are 303s. Please make both changes and resubmit.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct hazardous materials chemical inventory and business emergency plan inspection. Jennifer Naughton and Spencer Howmann granted access to conduct inspection in vehicle service and facility's warehouse. I walked through facility and inspected hazardous material storage areas in vehicle service and warehouse. There has been changes in types and/or volumes of the hazardous material stored on site since last inspection or previous reporting period. The following changes were observed on site and inventory must be updated: - Lubricating grease has decreased from 165 gallons to 55 gallons - Lubrication oil has decreased from 1365 gallons to 305 gallons since underground storage tank is not in use - Used motor oil has decreased from 1000

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

gallons to 110 gallons since underground storage tank is not in use - Diesel Exhaust Fluid is below disclosure threshold of 550 gallons since it is considered an irritant and must be deleted from reporting - mixture [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-03-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Updated Certification of Financial Responsibility (CFR) with coverage period from 3/25/20 to 3/25/21 was submitted to CERS this date. Facility contact, Jason Boos, Building and Systems Engineering Supervisor, has access to UST documents in CERS and was confirmed during onsite inspection conducted on 1/27/21. Violation I583 regarding failure to maintain current CFR, cited during onsite routine inspection conducted on 1/27/21, has been corrected.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed monitoring system certification from testing dated 1/7/19 All components passed at that time. Overfill prevention also submitted for testing done on 9/19/18. The testing appears to only include flapper valves, which are in all but the waste oil tank. Cers lists tank 1-3 as ball float and flapper tank 4 as audible/visual and flapper tank 5 (waste oil audible only), The ATG's were tested and passed on 1/7/19 Contacted Edwin Otubuah Environmental Contact. Requested additional info on if the tank 1-3 ball floats were tested or removed, or if he will be updated CERS to remove ball float notation for overfill prevention.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-14-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 2018 HMBEP Annual Certification Approval. The following documents were received and ACCEPTED on CERS: Business Activities, Business Ownership Information, Chemical Inventory, Facility Site Map, Emergency Plan.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-14-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review of CERS, accepted this date DO Robert Toomey

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: accepted CERS submittal. DO Robert Toomey
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-16-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted submittal for 2017
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-31-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted submittal in CERS.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-21-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: I received and reviewed a copy of Monitoring System Certification Report for activities conducted on 3/26/21 after replacement and retesting of the line leak detector for south diesel tank. Line leak detector passed test. Outstanding violation I198 regarding failure of the functional line leak detector (LLD) monitoring pressurized piping to detect a release, cited during inspection conducted on 2/5/21, has been corrected.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-23-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: I received and reviewed the following documents attached to an email with pictures documenting installation of new boot outside/beneath UDC: - Secondary Containment Testing Report Form for activities conducted on 3/3/22 not witnessed by this agency. UDC 8, secondary piping for new oil, waste oil and diesel west tanks were tested. All tested components passed except for waste oil tank secondary pipe. - Secondary Containment Testing Report Form for activities conducted on

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

4/19/22, after completion of repairs and witnessed by this agency. UDC 8 was tested and passed. Outstanding violation I382 regarding failure to maintain secondary containment, cited in inspection report dated 8/16/21, will be corrected when waste oil tank is removed/repaired.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-17-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and declined submittal in CERS. Please address the following: Add [ATF 64743-57-0 %weight] to the mixture components box for the transmission fluid disclosure. Put something other than water in the mixture components box for car wash detergent [chemical name CAS# %weight]. Disclosure threshold for helium and argon/CO2(mixture) is 1000 cubic feet or greater. Maximum daily amount listed for both are below this threshold. Delete these from the disclosure if the maximum daily amounts are accurate. If the maximum daily amounts are at or above disclosure threshold, modify the quantities. Mixture components box for spent antifreeze is blank. Use [ethylene glycol 107-21-1 50%] on the line in the box. Mixture components boxes are blank for waste aerosols, waste flammable solids, waste oxidizing solids, waste organic peroxides, waste corrosive solids and other regulated substances. At least one line in these boxes need to be completed. Fill in the percent weights in [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite UST monitoring cert and inspection. Please note, outstanding violation for secondary containment not being tight is still outstanding, the plan check has been approved under SR0134753, discussion with Allan Painter this date. The contractor had requested to postpone modifications to the system until after the holidays and it was authorized, please note that the UST operating permit will come up for reissue on July 1st, so ensure that all violations are abated quickly to avoid loss of permit to operate. Allan Painter states that they plan on doing the work in the near future. Monitoring certification performed by Bob Toomey, ICC exp 8/31/19, VR- A31644 exp 9/8/2020, VMI exp 8/3/2020 5 tanks onsite, sensors 208/303/305 emailed inspection to Allan Painter this date.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspected perimeter of facility including the dumpster area. Permission to inspect and take necessary photos granted by Kalena

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Fitzpatrick. Manifests for hazardous waste pickup reviewed on site. Documentation for universal waste handling reviewed on site. Hazardous waste inspection log kept on site and available for review. Employee training records reviewed on site. Hazardous waste properly stored, identified and dated. Hazardous waste contingency kept on site and available for review. No violations noted at this time.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspected perimeter of facility including the dumpster area. Permission to inspect and take necessary photos granted by Jim Carracino. Manifests for hazardous waste pickup reviewed on site. Documentation for universal waste handling reviewed on site. Hazardous waste inspection log kept on site and available for review. Employee training records reviewed on site. Hazardous waste properly stored, identified and dated. Hazardous waste contingency kept on site and available for review. No violations noted at this time.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-12-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed latest disclosures in CERS. Please address the following: Put something other than water in the mixture components box for car wash detergent [chemical name CAS# %weight]. Mixture components boxes are blank for waste aerosols, waste flammable solids, waste oxidizing solids, waste organic peroxides, waste corrosive solids and other regulated substances. At least one line for each of these boxes need to be completed. Fill in the percent weights in the mixture components box for the engine wash disclosure. Different site maps were submitted for the latest two disclosures (11-23-15 & 12-30-15). The 12-30-15 site map is smaller and it is difficult to locate some of the requirements. * Make sure locations for the evacuation staging area, emergency shut offs (electrical, water and natural gas) and sewers are legible. Resubmit after modifications have been performed.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-14-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received results regarding the UST system monitor certification performed on 1-9-15. All monitoring equipment operational per manufacturer’s specifications.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An on-site inspection was conducted this date to witness the annual monitoring system certification. Bob Toomey (Packham & Toomey Inc) conducted the monitoring system certification and provided current Veeder-Root, VMI, and ICC certifications. NOTE: Per operator, T4 Motor Oil and T5 Waste Oil are under consideration to be closed and replaced with APSTs. At this time the tanks are monitored, but are not in use and outstanding violations exist for these USTs (T4 and T5). ALSO NOTE: This monitoring system also includes a remote communication system to alert a corporate office of any alarms at this site. OUTSTANDING VIOLATIONS - 1/16/2020 I382 - Facility has failed Secondary component for the T4 New oil piping sump and T5 Waste oil piping sump. I481 - Facility has failed to correct the above violation and has been been operating without a valid UST permit. This facility contains: 5 - USTs (T1 87, T2 Diesel, T3 South Diesel, T4 Motor Oil, T5 Waste Oil) Monitor [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 79269
Site Name: UPS - Laguna
Site Address: 22 BROOKLINE DR
Site City: ALISO VIEJO
Site Zip: 92656
Enf Action Date: 10-05-2021
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Orange County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: James Carracino
Entity Title: Corporate Environmental Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Permit Applicant
Entity Name: Tom Cuce
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Affiliation Phone:	(909) 974-7909,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	United Parcel Services, Inc.
Entity Title:	Not reported
Affiliation Address:	55 Glenlake Parkway, N.E.
Affiliation City:	ATLANTA
Affiliation State:	GA
Affiliation Country:	United States
Affiliation Zip:	30328
Affiliation Phone:	(909) 974-7909,
Affiliation Type Desc:	Parent Corporation
Entity Name:	United Parcel Service, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	United Parcel Service Inc.
Entity Title:	Not reported
Affiliation Address:	55 Glenlake Parkway, N.E.
Affiliation City:	Atlanta
Affiliation State:	GA
Affiliation Country:	United States
Affiliation Zip:	30328
Affiliation Phone:	(714) 999-6353,
Affiliation Type Desc:	Document Preparer
Entity Name:	Juan Carlos Gomez
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	United Parcel Service
Entity Title:	Not reported
Affiliation Address:	55 Glenlake Parkway N.E.
Affiliation City:	Atlanta
Affiliation State:	GA
Affiliation Country:	United States
Affiliation Zip:	30328
Affiliation Phone:	(714) 999-6352,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	UPS - Laguna
Entity Title:	Not reported
Affiliation Address:	22 Brookline Drive
Affiliation City:	Aliso Viejo

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92656
Affiliation Phone:	(949) 643-6644,
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Juan Carlos Gomez
Entity Title:	Not reported
Affiliation Address:	5255 Lovelock Street
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92110
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1331 S. Vernon Street, Attn: B&S Engineering / Environmental
Affiliation City:	Anaheim
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92805
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	United Parcel Service
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 643-6644,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	UPS - Laguna
Entity Title:	Not reported
Affiliation Address:	22 Brookline Drive
Affiliation City:	Aliso Viejo
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92656
Affiliation Phone:	(949) 643-6644,
Name:	UNITED PARCEL SERVICE

UNITED PARCEL SERVICE, INC. (Continued) **1000594559**

Address:	22 BROOKLINE
City,State,Zip:	ALISO VIEJO, CA 92656
Site ID:	901479
CERS ID:	T0605902532
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	GENIECE HIGGINS - ORANGE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1241 EAST DYER ROAD SUITE 120
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336260,

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

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

Lists of Federal NPL (Superfund) sites

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: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/06/2025
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

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: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 2

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/20/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/20/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/20/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/03/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 13

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/03/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

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: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/04/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

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: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/04/2025
Next Scheduled EDR Contact: 09/29/2025
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: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/04/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/04/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 03/11/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 06/24/2025
Number of Days to Update: 83

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/29/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 01/29/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/01/2025
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: 06/10/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 4

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/12/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

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: 01/21/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 01/21/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/18/2025
Number of Days to Update: 73

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/06/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

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

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
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: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

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: 01/07/2025
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
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: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
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: 01/07/2025
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
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: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

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

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 04/08/2025
Date Data Arrived at EDR: 04/23/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 1

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/24/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 79

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 05/13/2025
Date Data Arrived at EDR: 05/22/2025
Date Made Active in Reports: 05/27/2025
Number of Days to Update: 5

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/03/2025
Next Scheduled EDR Contact: 09/22/2025
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: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 01/07/2025
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/08/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
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: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/10/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/21/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/17/2025
Date Data Arrived at EDR: 03/18/2025
Date Made Active in Reports: 05/30/2025
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/12/2025
Next Scheduled EDR Contact: 09/26/2025
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/10/2025
Next Scheduled EDR Contact: 09/22/2025
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 79

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 05/30/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/11/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 75

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/18/2025
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: 04/21/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 02/20/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 68

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/21/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 03/21/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

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

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73
Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Quarterly

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: 12/31/2024
Date Data Arrived at EDR: 02/20/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 68
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 01/28/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 04/15/2025
Number of Days to Update: 76
Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/20/2025
Date Data Arrived at EDR: 02/21/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 75

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/25/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 71

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 05/23/2025
Next Scheduled EDR Contact: 09/08/2025
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: 06/11/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 4

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/12/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/18/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/04/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/30/2025
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 72

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/13/2025
Next Scheduled EDR Contact: 08/25/2025
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: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/08/2025
Next Scheduled EDR Contact: 07/21/2025
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: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 06/25/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/08/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/03/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/03/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 04/28/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/12/2025
Next Scheduled EDR Contact: 09/22/2025
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 7

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/15/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/13/2025
Date Data Arrived at EDR: 01/15/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/25/2025
Date Data Arrived at EDR: 05/01/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/01/2025
Date Data Arrived at EDR: 01/17/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/10/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 02/26/2025
Date Data Arrived at EDR: 03/03/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 08/11/2025
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: 07/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 100

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/02/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/23/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 05/07/2025
Date Data Arrived at EDR: 05/07/2025
Date Made Active in Reports: 06/03/2025
Number of Days to Update: 27

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 04/10/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/17/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/10/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/21/2025
Number of Days to Update: 89
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 01/27/2025
Date Made Active in Reports: 04/21/2025
Number of Days to Update: 84

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/24/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/07/2025
Number of Days to Update: 16

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/03/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 06/25/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 02/12/2025
Date Data Arrived at EDR: 02/12/2025
Date Made Active in Reports: 02/27/2025
Number of Days to Update: 15

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/15/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/01/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 06/24/2025
Number of Days to Update: 83

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 30

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 06/04/2024
Date Data Arrived at EDR: 11/22/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 88

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 05/28/2025
Date Data Arrived at EDR: 05/28/2025
Date Made Active in Reports: 06/03/2025
Number of Days to Update: 6

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 05/28/2025
Next Scheduled EDR Contact: 09/15/2025
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: 04/22/2025
Date Data Arrived at EDR: 05/05/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 16

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/05/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/23/2025
Date Data Arrived at EDR: 03/27/2025
Date Made Active in Reports: 06/24/2025
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/25/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 02/14/2025
Date Data Arrived at EDR: 03/11/2025
Date Made Active in Reports: 06/03/2025
Number of Days to Update: 84

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/02/2025
Next Scheduled EDR Contact: 10/20/2025
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/13/2025
Date Data Arrived at EDR: 02/13/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 75

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/13/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 03/31/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 06/26/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/31/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 06/26/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 03/07/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 06/26/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/31/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 06/26/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/23/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 06/23/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 04/17/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 06/26/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/15/2024
Date Data Arrived at EDR: 03/06/2025
Date Made Active in Reports: 06/03/2025
Number of Days to Update: 89

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 06/05/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 06/26/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 06/26/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 06/23/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 06/23/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 06/26/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/23/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/23/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 65

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA’s UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA’s Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Semi-Annually

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/14/2025
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 06/04/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS sites included in the Envirostor and GeoTracker databases. Locations of potential sources of per - and polyfluoroalkyl substances (PFAS). This does not mean that PFAS has been produced, used, or discharged at these sites.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

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

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/17/2025
Date Data Arrived at EDR: 03/18/2025
Date Made Active in Reports: 05/30/2025
Number of Days to Update: 73

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/12/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

CUPA LIV-PLE: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 09/19/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 87

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/08/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

DRYCLEAN N SONOMA: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 08/23/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 71

Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/26/2024
Date Made Active in Reports: 04/16/2024
Number of Days to Update: 81

Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 04/24/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 72

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN LAKE: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 02/15/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 05/02/2024
Number of Days to Update: 76

Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77
Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDOCINO: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 09/03/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 71
Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69
Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 10/02/2024
Date Data Arrived at EDR: 10/03/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 78
Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 76
Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89
Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 05/02/2025
Number of Days to Update: 72
Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

DRYCLEAN BAY AREA: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432
Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412
Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN N COAST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/22/2025
Date Data Arrived at EDR: 05/22/2025
Date Made Active in Reports: 05/30/2025
Number of Days to Update: 8
Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

DRYCLEAN SHASTA: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 08/29/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69
Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75
Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN N SIERRA: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75
Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 05/05/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTERY BAY: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/26/2024
Number of Days to Update: 76
Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77
Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN VENTURA: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/14/2024
Number of Days to Update: 78
Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 02/20/2025
Date Data Arrived at EDR: 02/26/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 30
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Annually

DRYCLEAN EAST KERN: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQUIN: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77

Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 09/10/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/25/2024
Number of Days to Update: 75

Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RVR: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88

Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 03/11/2025
Date Made Active in Reports: 05/23/2025
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/12/2025
Next Scheduled EDR Contact: 09/22/2025
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/14/2025
Date Data Arrived at EDR: 04/15/2025
Date Made Active in Reports: 06/27/2025
Number of Days to Update: 73

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

FIN ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/09/2025
Date Data Arrived at EDR: 04/10/2025
Date Made Active in Reports: 07/02/2025
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

FIN ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 01/31/2025
Date Data Arrived at EDR: 02/13/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 81

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/10/2025
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 04/28/2025
Number of Days to Update: 76

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/13/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/10/2025
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 04/28/2025
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/13/2025
Next Scheduled EDR Contact: 08/25/2025
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: 03/31/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 06/20/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 06/25/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/19/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 06/24/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 01/03/2025
Date Made Active in Reports: 03/19/2025
Number of Days to Update: 75

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 06/30/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Annually

MINES: Mines Site Location Listing

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

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 78

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 05/29/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 01/02/2025
Date Data Arrived at EDR: 02/25/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 71

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 05/23/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/18/2025
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/06/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/25/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 71

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 05/23/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 79

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 05/30/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/05/2025
Date Data Arrived at EDR: 03/06/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/03/2025
Next Scheduled EDR Contact: 09/22/2025
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Annually

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 02/27/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 79

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 05/29/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region’s active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/02/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/10/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/23/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 05/30/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System
The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 05/06/2025
Date Data Arrived at EDR: 05/06/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 05/06/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data
The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73
Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/23/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 12/26/2023
Date Made Active in Reports: 03/19/2024
Number of Days to Update: 84

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/23/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 06/23/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/17/2025
Date Data Arrived at EDR: 03/19/2025
Date Made Active in Reports: 05/30/2025
Number of Days to Update: 72

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/11/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 01/16/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 71

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/05/2025
Date Data Arrived at EDR: 02/12/2025
Date Made Active in Reports: 05/02/2025
Number of Days to Update: 79

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/17/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/09/2025
Date Data Arrived at EDR: 04/10/2025
Date Made Active in Reports: 07/02/2025
Number of Days to Update: 83

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 2

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 2

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 01/28/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 04/15/2025
Number of Days to Update: 76

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/20/2025
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/03/2025
Next Scheduled EDR Contact: 09/22/2025
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/09/2025
Date Data Arrived at EDR: 04/10/2025
Date Made Active in Reports: 07/02/2025
Number of Days to Update: 83

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/24/2025
Next Scheduled EDR Contact: 10/13/2025
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/07/2025
Date Data Arrived at EDR: 04/08/2025
Date Made Active in Reports: 07/02/2025
Number of Days to Update: 85

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/08/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/03/2024
Date Made Active in Reports: 12/17/2024
Number of Days to Update: 75

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/20/2025
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/11/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 07/09/2024
Date Made Active in Reports: 09/27/2024
Number of Days to Update: 80

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/10/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/18/2025
Date Made Active in Reports: 05/30/2025
Number of Days to Update: 73

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/12/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/18/2025
Date Made Active in Reports: 05/30/2025
Number of Days to Update: 73
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/12/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation LA County List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 09/26/2024
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/20/2025
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/10/2025
Date Data Arrived at EDR: 04/11/2025
Date Made Active in Reports: 06/26/2025
Number of Days to Update: 76
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

MARIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/17/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/12/2025
Date Data Arrived at EDR: 05/14/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 33

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 03/27/2025
Date Made Active in Reports: 06/20/2025
Number of Days to Update: 85

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/27/2025
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 7

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups Orange County
Petroleum and non-petroleum spills.

Date of Government Version: 02/05/2025
Date Data Arrived at EDR: 02/06/2025
Date Made Active in Reports: 04/28/2025
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/05/2025
Date Data Arrived at EDR: 02/06/2025
Date Made Active in Reports: 04/28/2025
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/05/2025
Date Data Arrived at EDR: 02/06/2025
Date Made Active in Reports: 03/14/2025
Number of Days to Update: 36

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/20/2025
Date Data Arrived at EDR: 02/21/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 75

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/12/2024
Date Made Active in Reports: 06/27/2024
Number of Days to Update: 15

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/03/2025
Next Scheduled EDR Contact: 09/22/2025
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 03/06/2025
Date Data Arrived at EDR: 03/07/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 76

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/03/2025
Next Scheduled EDR Contact: 09/22/2025
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/17/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/17/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 01/30/2025
Date Data Arrived at EDR: 01/31/2025
Date Made Active in Reports: 04/18/2025
Number of Days to Update: 77

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/29/2025
Date Data Arrived at EDR: 05/29/2025
Date Made Active in Reports: 06/18/2025
Number of Days to Update: 20

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/28/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/25/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 71

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/23/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 01/15/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 72

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 01/28/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 04/16/2025
Number of Days to Update: 77

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 01/28/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 04/16/2025
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
A listing of properties that fall within a Maher Ordinance, for all of San Francisco. The Maher Ordinance requires San Francisco Department of Public Health (DPH) oversight for the characterization and mitigation of hazardous substances found in soil, soil vapor, and groundwater in areas designated within the Maher map. The Maher map includes areas with current or historical industrial use or zoning; areas within 100 feet of current or historical underground tanks; filled former Bay, marsh, or creek areas; or areas within 150 feet of a current or former elevated highway. City of San Francisco Planning.

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 04/02/2025
Number of Days to Update: 78

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/03/2025
Next Scheduled EDR Contact: 09/22/2025
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/06/2025
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 04/28/2025
Number of Days to Update: 76

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 05/28/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 05/28/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/14/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 05/02/2025
Number of Days to Update: 73

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

SITE MIT SANTA CRUZ: Site Mitigation Santa Cruz County List
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/10/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/10/2025
Next Scheduled EDR Contact: 09/29/2025
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/20/2025
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 11/05/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 02/11/2025
Date Data Arrived at EDR: 02/12/2025
Date Made Active in Reports: 05/02/2025
Number of Days to Update: 79

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/09/2025
Date Data Arrived at EDR: 04/10/2025
Date Made Active in Reports: 06/27/2025
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 11/21/2024
Date Data Arrived at EDR: 01/21/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 72

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/11/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/17/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 04/01/2025
Date Data Arrived at EDR: 04/09/2025
Date Made Active in Reports: 04/23/2025
Number of Days to Update: 14
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/23/2025
Number of Days to Update: 80
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/30/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/19/2025
Date Data Arrived at EDR: 03/25/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 3
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/17/2025
Next Scheduled EDR Contact: 10/06/2025
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/17/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 71
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/02/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 79

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/06/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/23/2025
Next Scheduled EDR Contact: 10/13/2025
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: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/24/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/01/2025
Next Scheduled EDR Contact: 10/20/2025
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 05/28/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

15 ARGONAUT
15 ARGONAUT
ALISO VIEJO, CA 92656

TARGET PROPERTY COORDINATES

Latitude (North):	33.593882 - 33° 35' 37.98''
Longitude (West):	117.727325 - 117° 43' 38.37''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	432512.9
UTM Y (Meters):	3717171.8
Elevation:	453 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50006201 SAN JUAN CAPISTRANO, CA
Version Date:	2022

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).

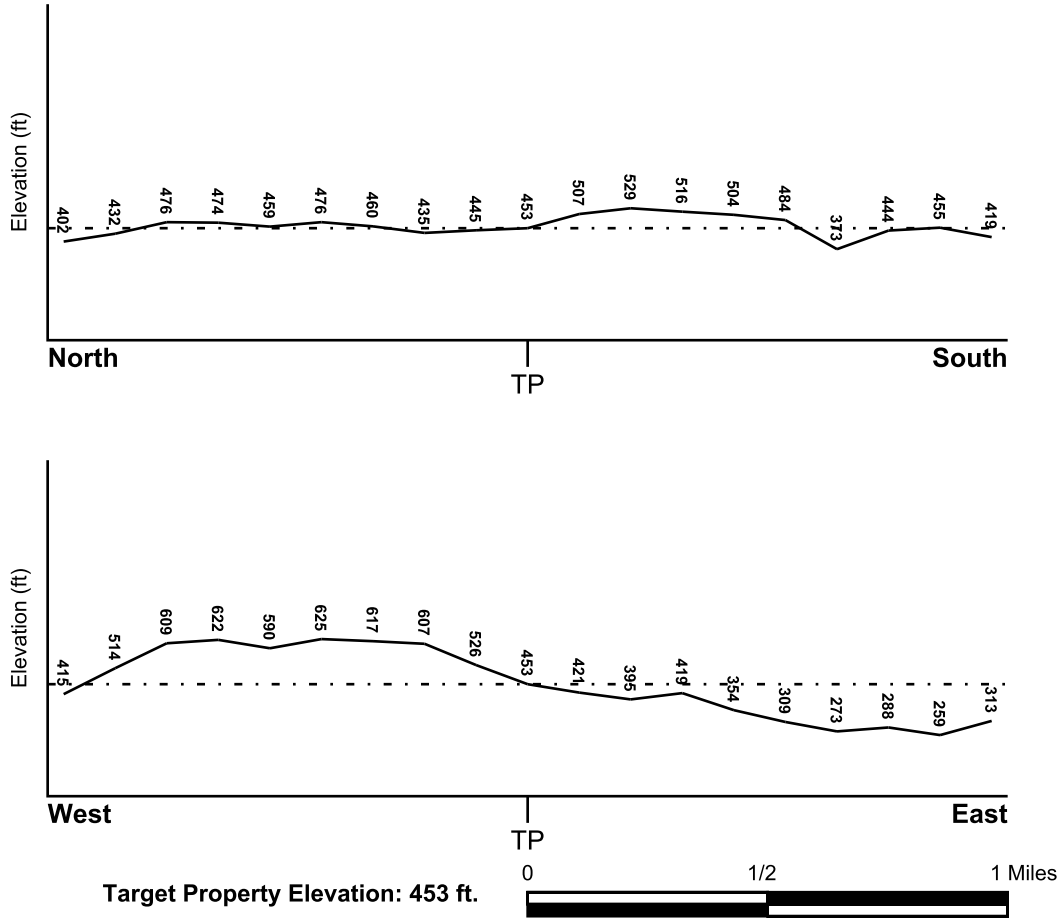
TOPOGRAPHIC INFORMATION

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 ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06059C0426J	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06059C0427J	FEMA FIRM Flood data
06059C0428J	FEMA FIRM Flood data
06059C0429J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAN JUAN CAPISTRANO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

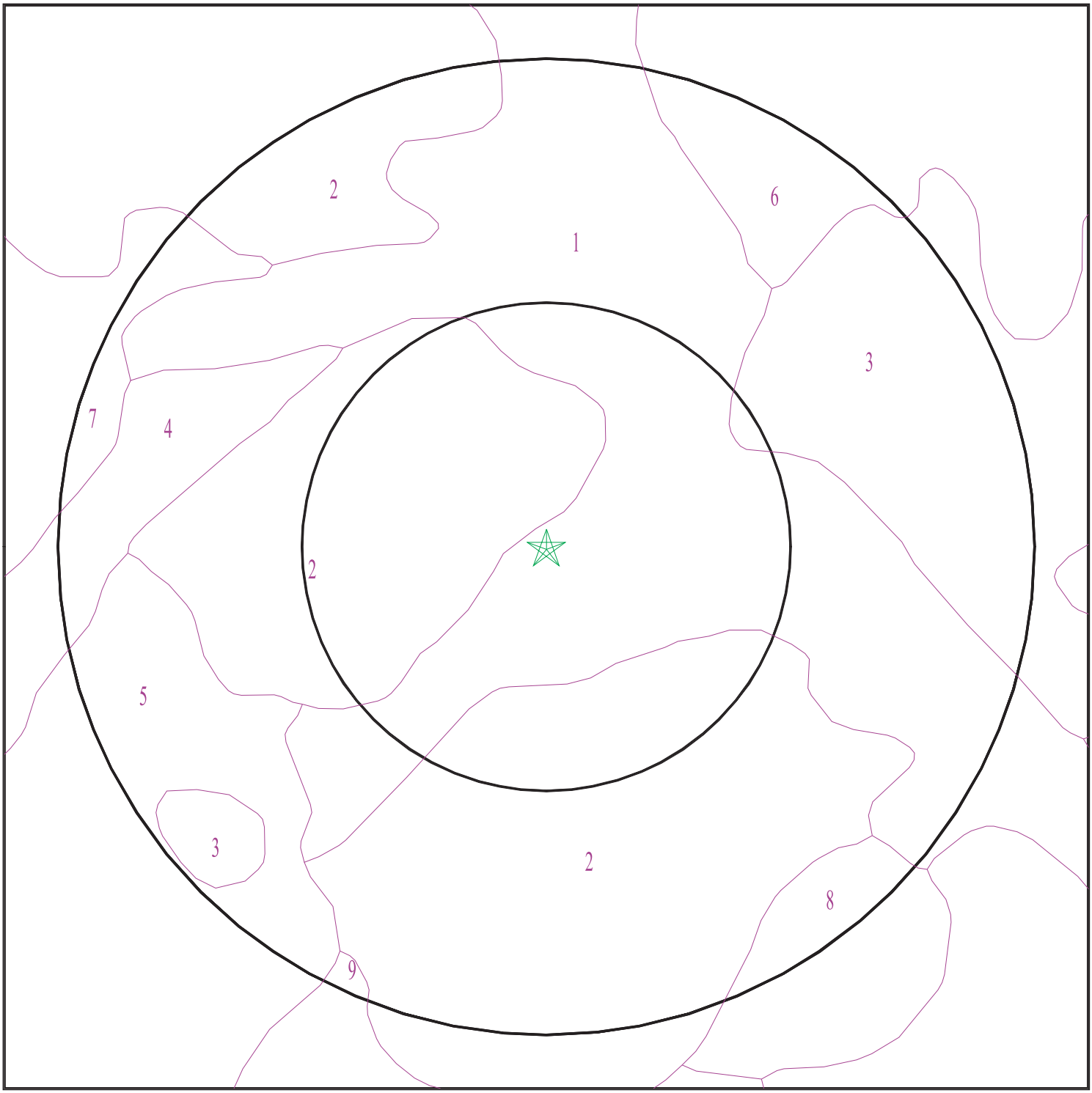
Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm *(decoded above as Era, System & Series)*

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 - 8037570.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	15 Argonaut	CLIENT:	Stantec
ADDRESS:	15 Argonaut Aliso Viejo CA 92656	CONTACT:	Alicia Ruth Jansen
LAT/LONG:	33.593882 / 117.727325	INQUIRY #:	8037570.2s
		DATE:	July 03, 2025 9:11 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: CAPISTRANO

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	27 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	27 inches	64 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6

Soil Map ID: 2

Soil Component Name: CIENEBA

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	7 inches	11 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: CALLEGUAS

Soil Surface Texture: clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well 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							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
2	14 inches	18 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:

Soil Map ID: 4

Soil Component Name: BALCOM

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	29 inches	clay loam	Not reported	Not reported	Max: Min:	Max: Min:
2	29 inches	33 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: BALCOM

Soil Surface Texture: clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	33 inches	clay loam	Not reported	Not reported	Max: Min:	Max: Min:
2	33 inches	38 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: BALCOM

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	33 inches	clay loam	Not reported	Not reported	Max: Min:	Max: Min:
2	33 inches	38 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 7

Soil Component Name: BALCOM

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	27 inches	clay loam	Not reported	Not reported	Max: Min:	Max: Min:
2	27 inches	31 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 8

Soil Component Name: BOSANKO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well 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							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	20 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	31 inches	35 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 9

Soil Component Name: BOSANKO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	clay	Not reported	Not reported	Max: Min:	Max: Min:
2	25 inches	37 inches	clay	Not reported	Not reported	Max: Min:	Max: Min:
3	37 inches	40 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

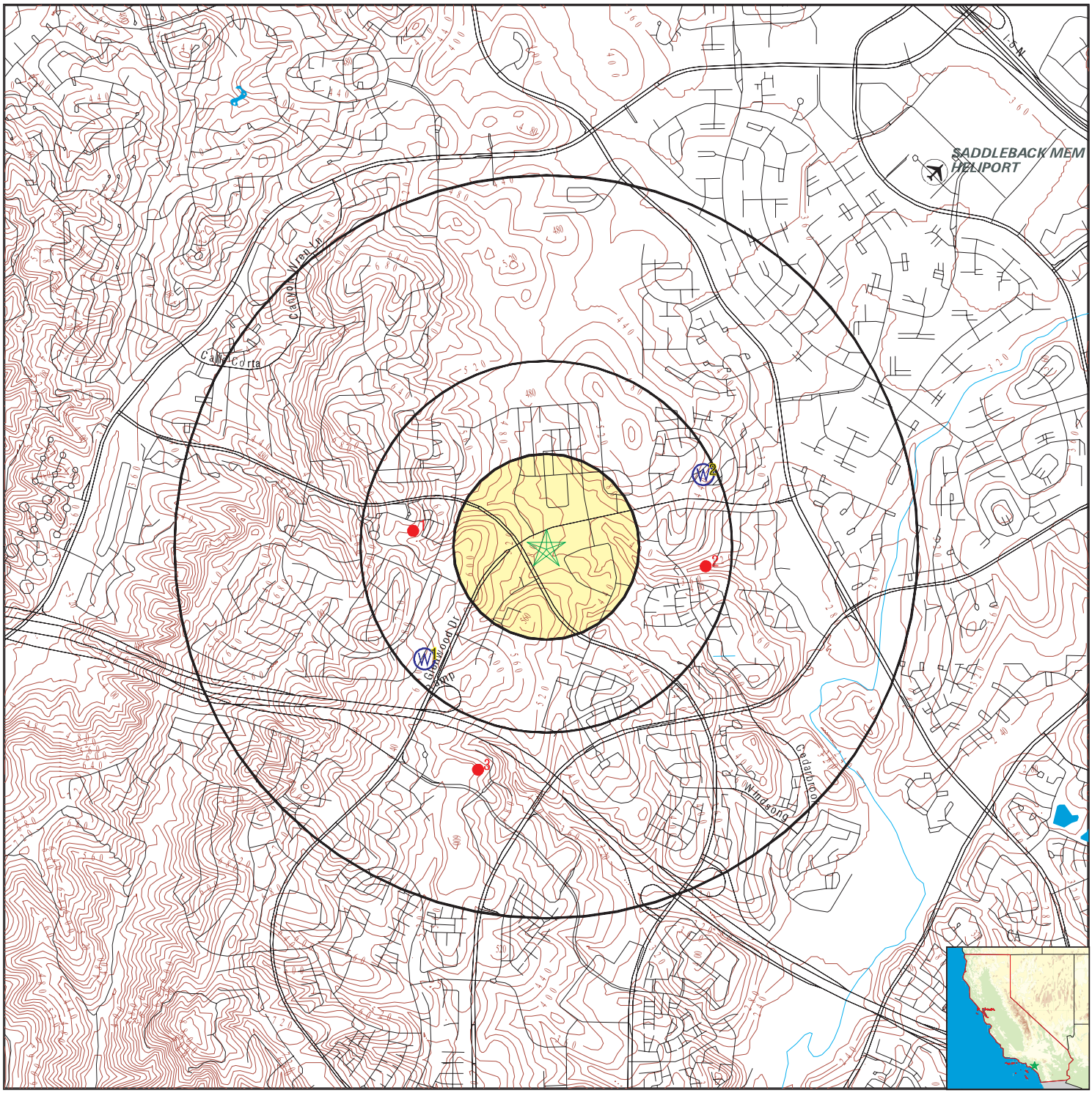
MAP ID	WELL ID	LOCATION FROM TP
1	CADWR0000032092	1/4 - 1/2 Mile SW
2	CADWR0000020107	1/4 - 1/2 Mile ENE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG17000011428	1/4 - 1/2 Mile West
2	CAOG17000001397	1/4 - 1/2 Mile East
3	CAOG17000001396	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 8037570.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

0 1/4 1/2 1 Miles

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

N

SITE NAME: 15 Argonaut	CLIENT: Stantec
ADDRESS: 15 Argonaut Aliso Viejo CA 92656	CONTACT: Alicia Ruth Jansen INQUIRY #: 8037570.2s
LAT/LONG: 33.593882 / 117.727325	DATE: July 03, 2025 9:11 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000032092**

Well ID:	07S08W05R001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	07S08W05R001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=07S08W05R001S&store_num=		
GeoTracker Data:	Not Reported		

2
ENE
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000020107**

Well ID:	07S08W04G001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	07S08W04G001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=07S08W04G001S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
West **OIL_GAS** **CAOG17000011428**
1/4 - 1/2 Mile

OIL_GAS:

API #:	0405901154	Well #:	2
Well Type:	Dry Hole	Well Status:	Plugged
Lease Name:	Moulton	Well Design:	Moulton 2
Operator ID:	07952	Operator Name:	South Fullerton Oil Co.
Field Name:	Any Field	Area Name:	Any Area
Place:	Aliso Viejo	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		
Well Record Request URL:	https://filerequest.conservation.ca.gov/WellRecord?api=05901154		

2
East **OIL_GAS** **CAOG17000001397**
1/4 - 1/2 Mile

OIL_GAS:

API #:	0405901153	Well #:	1
Well Type:	Oil & Gas	Well Status:	Idle
Lease Name:	Lease by South Fullerton Oil Co.		
Well Design:	1	Operator ID:	07952
Operator Name:	South Fullerton Oil Co.	Field Name:	Any Field
Area Name:	Any Area	Place:	Aliso Viejo
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported
Well Record Request URL:	https://filerequest.conservation.ca.gov/WellRecord?api=05901153		

3
SSW **OIL_GAS** **CAOG17000001396**
1/2 - 1 Mile

OIL_GAS:

API #:	0405900995	Well #:	1
Well Type:	Oil & Gas	Well Status:	Idle
Lease Name:	Lease by Roy Hartman	Well Design:	1
Operator ID:	07443	Operator Name:	Roy Hartman
Field Name:	Any Field	Area Name:	Any Area
Place:	Aliso Viejo	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		
Well Record Request URL:	https://filerequest.conservation.ca.gov/WellRecord?api=05900995		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92656	74	2

Federal EPA Radon Zone for ORANGE County: 3

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 ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

Geothermal Wells Listing
Department of Conservation
Telephone: 916-445-9686
Geothermal well means a well constructed to extract or return water to the ground after it has been used for heating or cooling purposes. Geothermal wells in California (except for wells on federal leases which are administered by the Bureau of Land Management) are permitted, drilled, operated, and permanently sealed and closed (plugged and abandoned) under requirements and procedures administered by the Geothermal Section of the Department of Conservations Geologic Energy Management Division (CalGEM, formerly DOGGR).

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX E

Historical Records

15 Argonaut

15 Argonaut

Aliso Viejo, CA 92656

Inquiry Number: 8037570.3

July 03, 2025

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

07/03/25

Site Name:

15 Argonaut
15 Argonaut
Aliso Viejo, CA 92656
EDR Inquiry # 8037570.3

Client Name:

Stantec
735 E. Carnegie Drive, Suite 280
SAN BERNARDINO, CA 92408
Contact: Alicia Ruth Jansen

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Stantec were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # C15B-4E20-AF9F

PO # NA

Project Olson

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: C15B-4E20-AF9F

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others 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

The Sanborn Library LLC Since 1866™

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15 Argonaut

15 Argonaut

Aliso Viejo, CA 92656

Inquiry Number: 8037570.4

July 03, 2025

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

07/03/25

Site Name:

15 Argonaut
15 Argonaut
Aliso Viejo, CA 92656
EDR Inquiry # 8037570.4

Client Name:

Stantec
735 E. Carnegie Drive, Suite 280
SAN BERNARDINO, CA 92408
Contact: Alicia Ruth Jansen

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Stantec were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: Olson

Coordinates:

Latitude:	33.593882 33° 35' 38" North
Longitude:	-117.727325 -117° 43' 38" West
UTM Zone:	Zone 11 North
UTM X Meters:	432514.45
UTM Y Meters:	3717364.91
Elevation:	448.48' above sea level

Maps Provided:

2022
2018
2015
2012
1981
1974
1965, 1968
1949
1948
1942
1902

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2022 Source Sheets



San Juan Capistrano
2022
7.5-minute, 24000



Laguna Beach
2022
7.5-minute, 24000

2018 Source Sheets

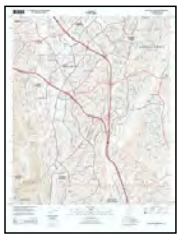


San Juan Capistrano
2018
7.5-minute, 24000



Laguna Beach
2018
7.5-minute, 24000

2015 Source Sheets



San Juan Capistrano
2015
7.5-minute, 24000



Laguna Beach
2015
7.5-minute, 24000

2012 Source Sheets



San Juan Capistrano
2012
7.5-minute, 24000



Laguna Beach
2012
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1981 Source Sheets



San Juan Capistrano
1981
7.5-minute, 24000
Aerial Photo Revised 1977



Laguna Beach
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1974 Source Sheets



Laguna Beach
1974
7.5-minute, 24000
Aerial Photo Revised 1974



San Juan Capistrano
1974
7.5-minute, 24000
Aerial Photo Revised 1974

1965, 1968 Source Sheets



Laguna Beach
1965
7.5-minute, 24000
Aerial Photo Revised 1963



San Juan Capistrano
1968
7.5-minute, 24000
Aerial Photo Revised 1967

1949 Source Sheets



San Juan Capistrano
1949
7.5-minute, 24000
Aerial Photo Revised 1946



Laguna Beach
1949
7.5-minute, 24000
Aerial Photo Revised 1946

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1948 Source Sheets



San Juan Capistrano
1948
7.5-minute, 24000
Aerial Photo Revised 1946



Laguna Beach
1948
7.5-minute, 24000
Aerial Photo Revised 1946

1942 Source Sheets

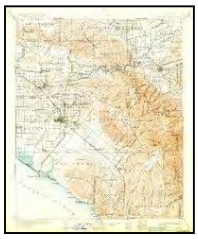


SANTA ANA
1942
15-minute, 50000

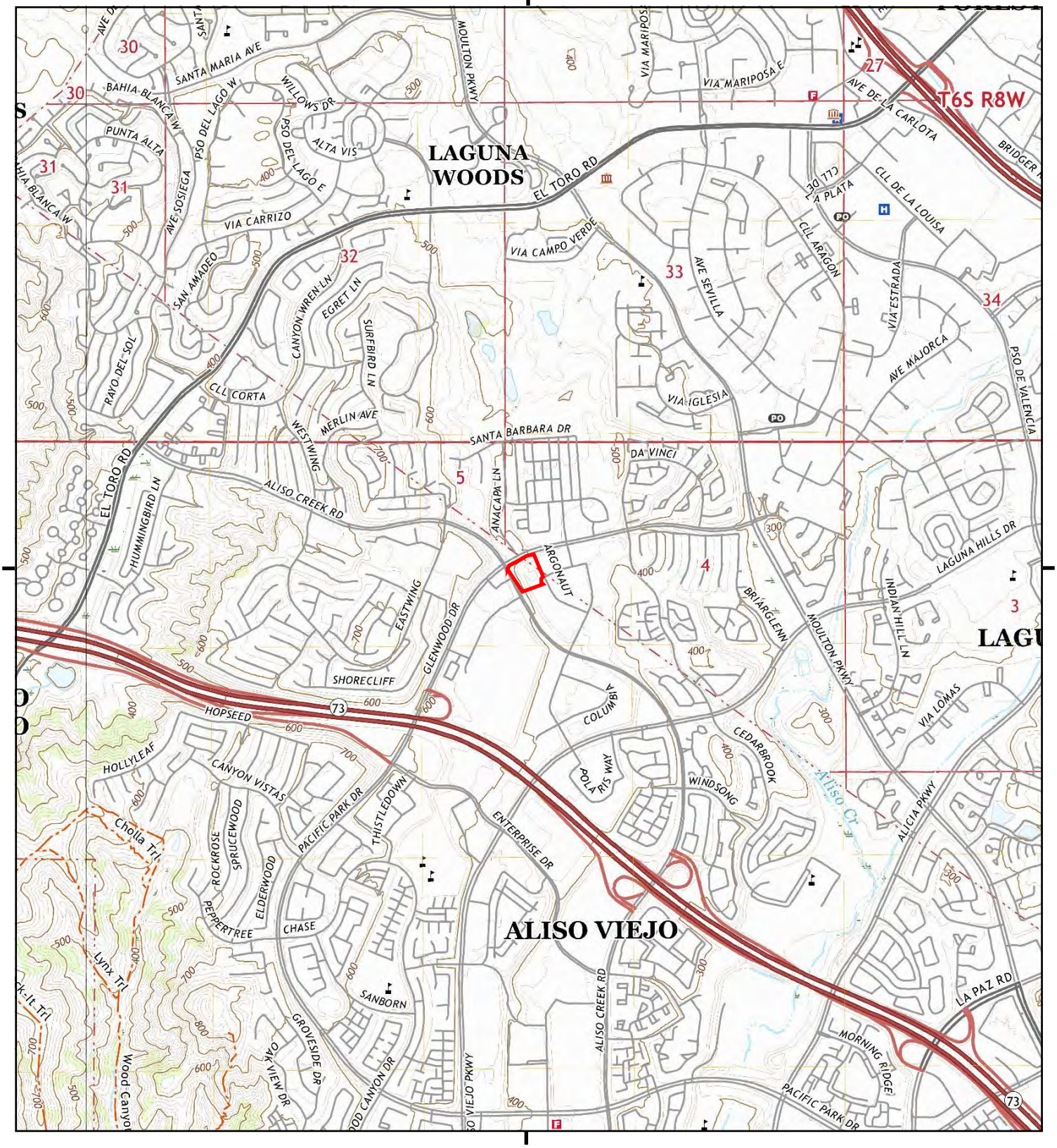


SANTIAGO PEAK
1942
15-minute, 50000

1902 Source Sheets



Corona
1902
30-minute, 125000



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

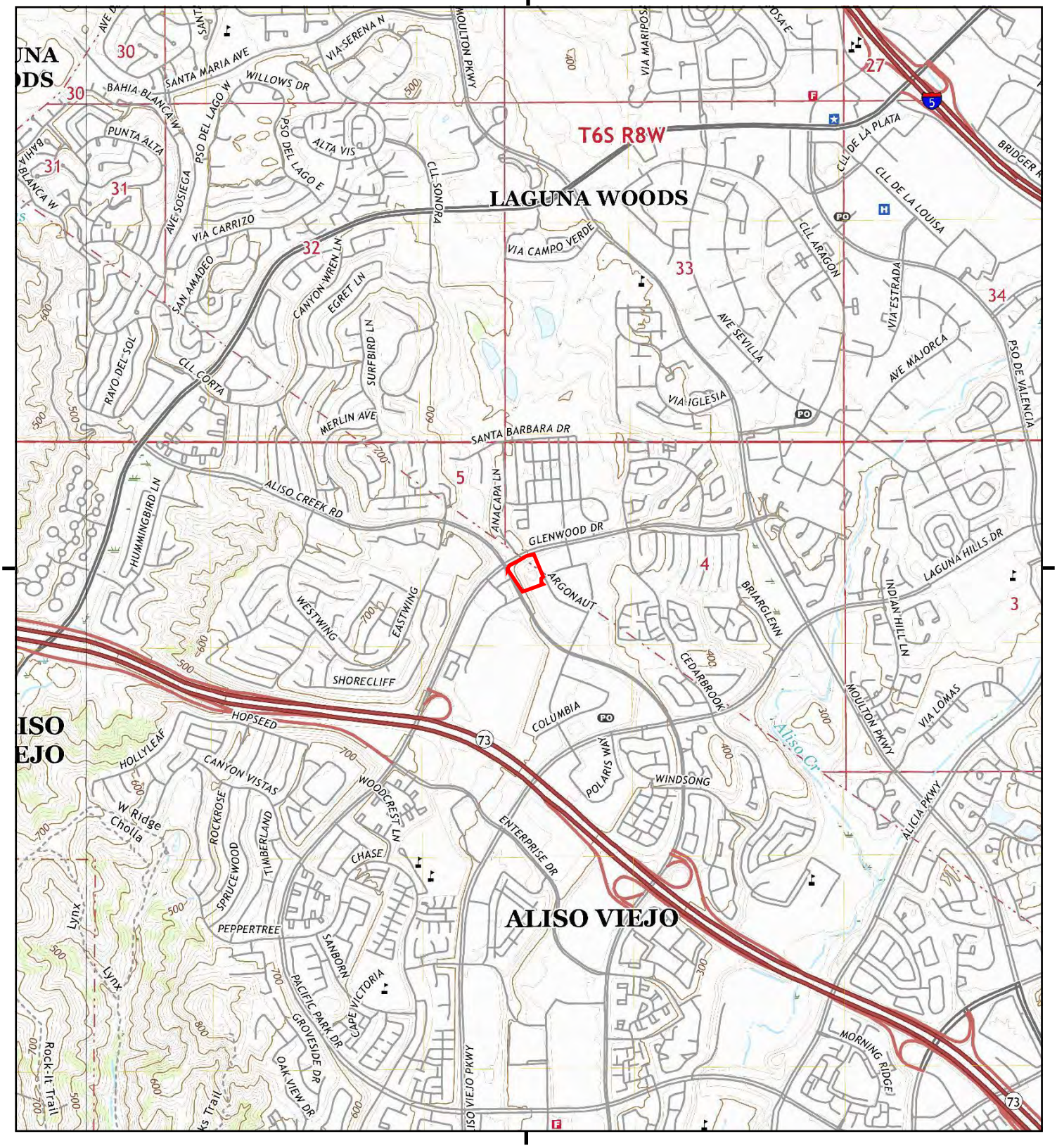
TP, San Juan Capistrano, 2022, 7.5-minute
SW, Laguna Beach, 2022, 7.5-minute

SITE NAME: 15 Argonaut
ADDRESS: 15 Argonaut
Aliso Viejo, CA 92656
CLIENT: Stantec

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Juan Capistrano, 2018, 7.5-minute
SW, Laguna Beach, 2018, 7.5-minute

SITE NAME: 15 Argonaut
ADDRESS: 15 Argonaut
Aliso Viejo, CA 92656
CLIENT: Stantec

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

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W E
SW S SE

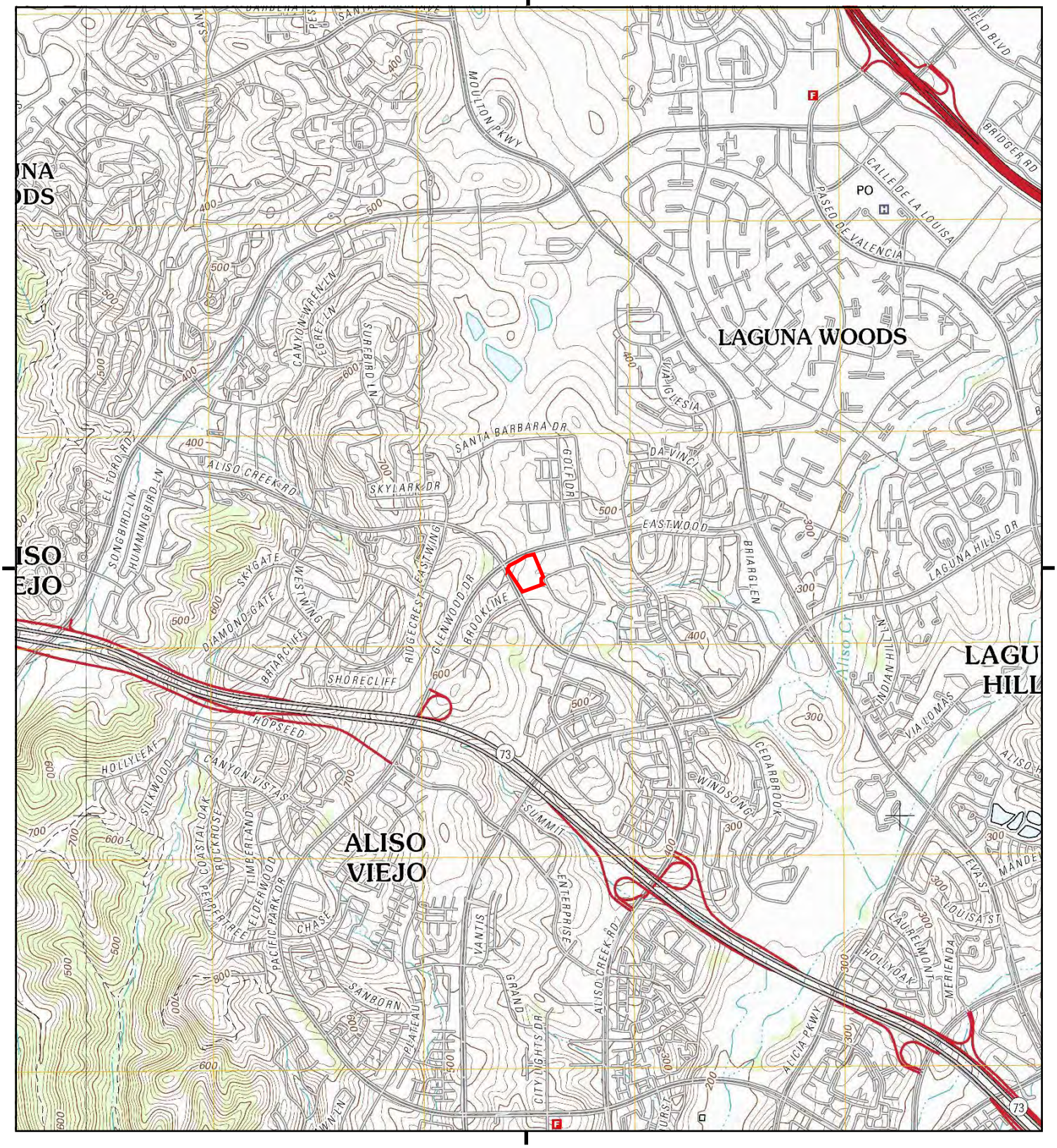
TP, San Juan Capistrano, 2015, 7.5-minute
SW, Laguna Beach, 2015, 7.5-minute

SITE NAME: 15 Argonaut
ADDRESS: 15 Argonaut
Aliso Viejo, CA 92656
CLIENT: Stantec

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

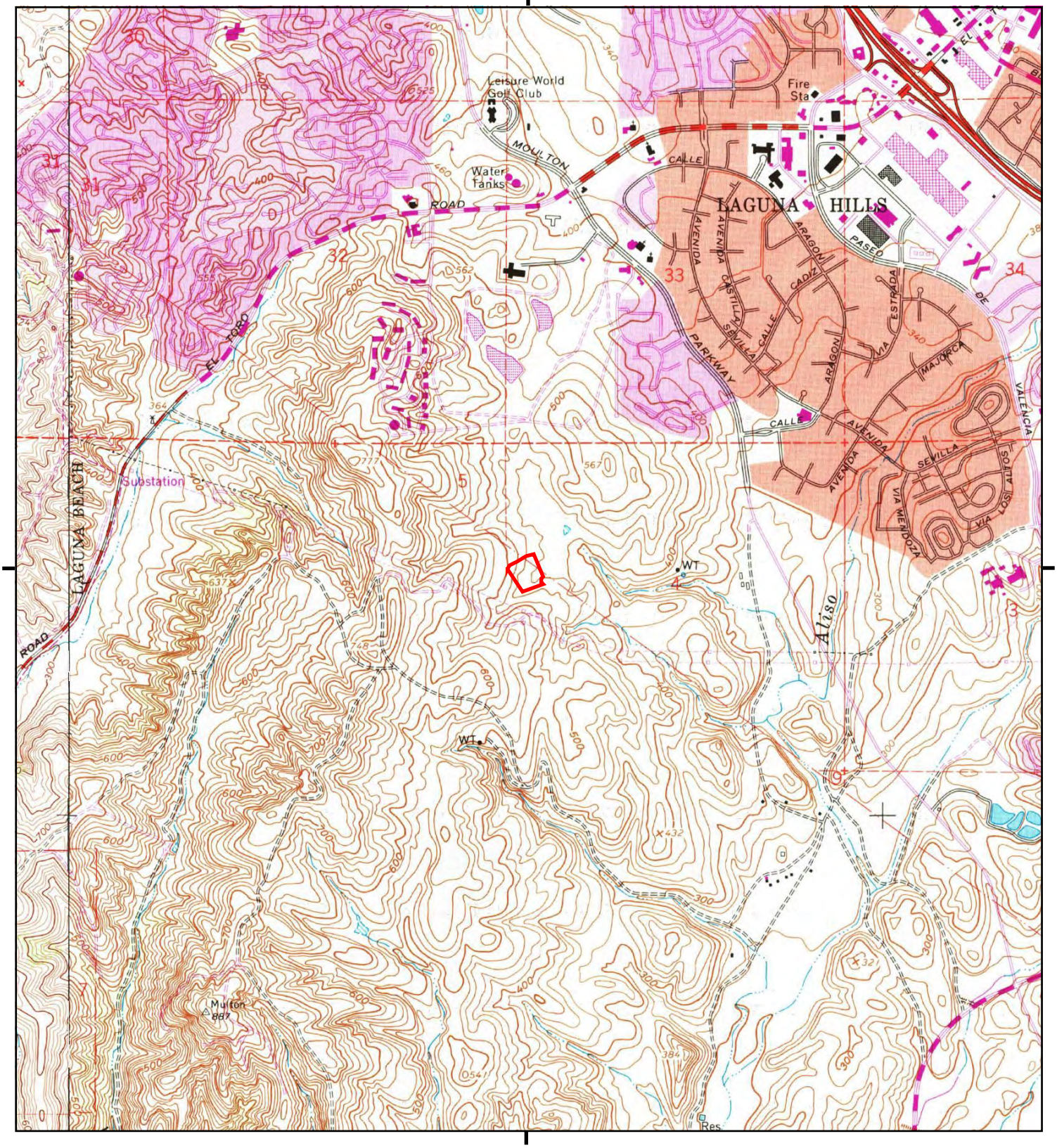
TP, San Juan Capistrano, 2012, 7.5-minute
SW, Laguna Beach, 2012, 7.5-minute

SITE NAME: 15 Argonaut
ADDRESS: 15 Argonaut
Aliso Viejo, CA 92656
CLIENT: Stantec

N

Historical Topo Map

1981



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Juan Capistrano, 1981, 7.5-minute
SW, Laguna Beach, 1981, 7.5-minute

SITE NAME: 15 Argonaut
ADDRESS: 15 Argonaut
Aliso Viejo, CA 92656
CLIENT: Stantec

N

Historical Topo Map

1974



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

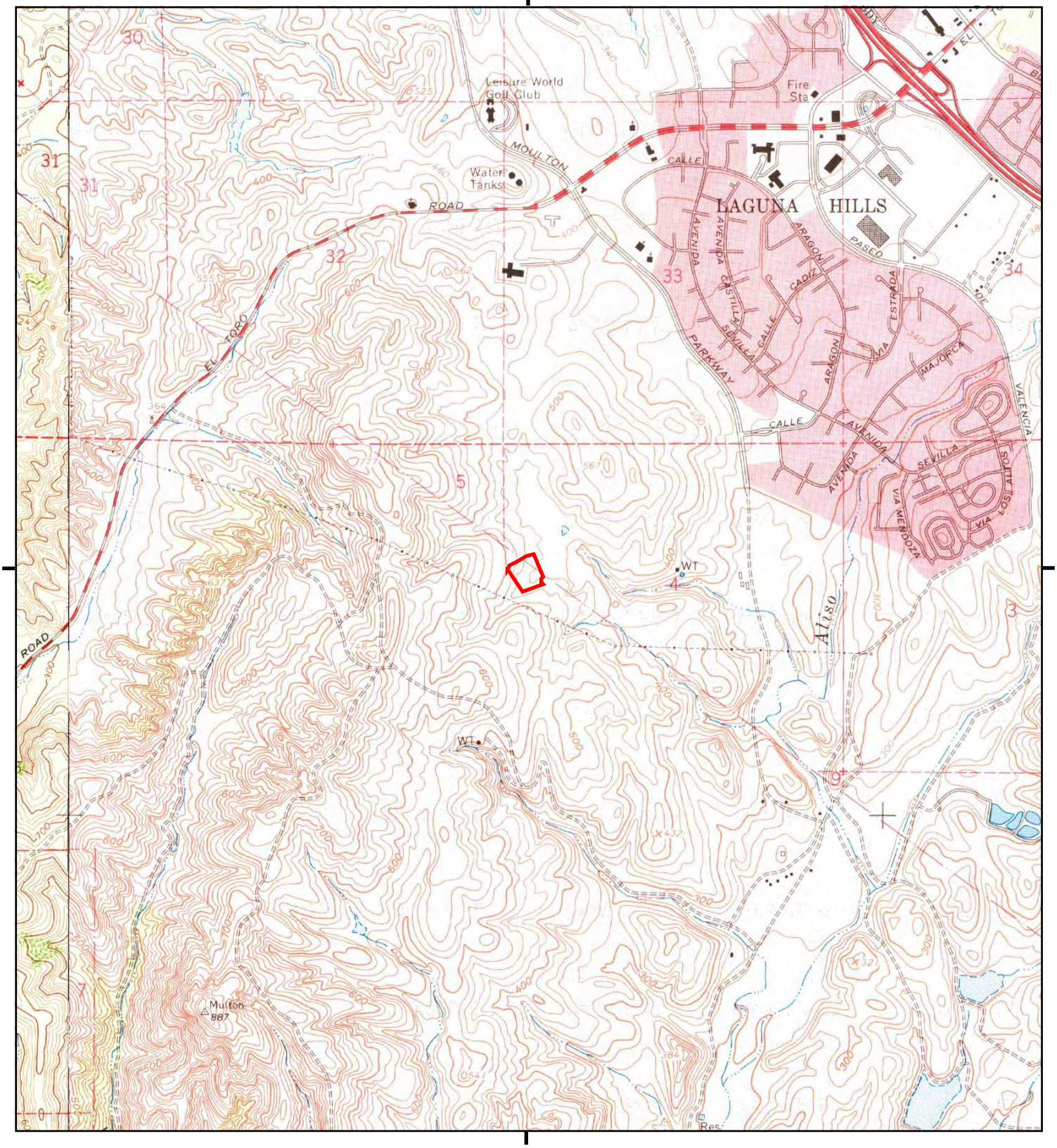
TP, San Juan Capistrano, 1974, 7.5-minute
SW, Laguna Beach, 1974, 7.5-minute

SITE NAME: 15 Argonaut
ADDRESS: 15 Argonaut
Aliso Viejo, CA 92656
CLIENT: Stantec

N

Historical Topo Map

1965, 1968



This report includes information from the following map sheet(s).

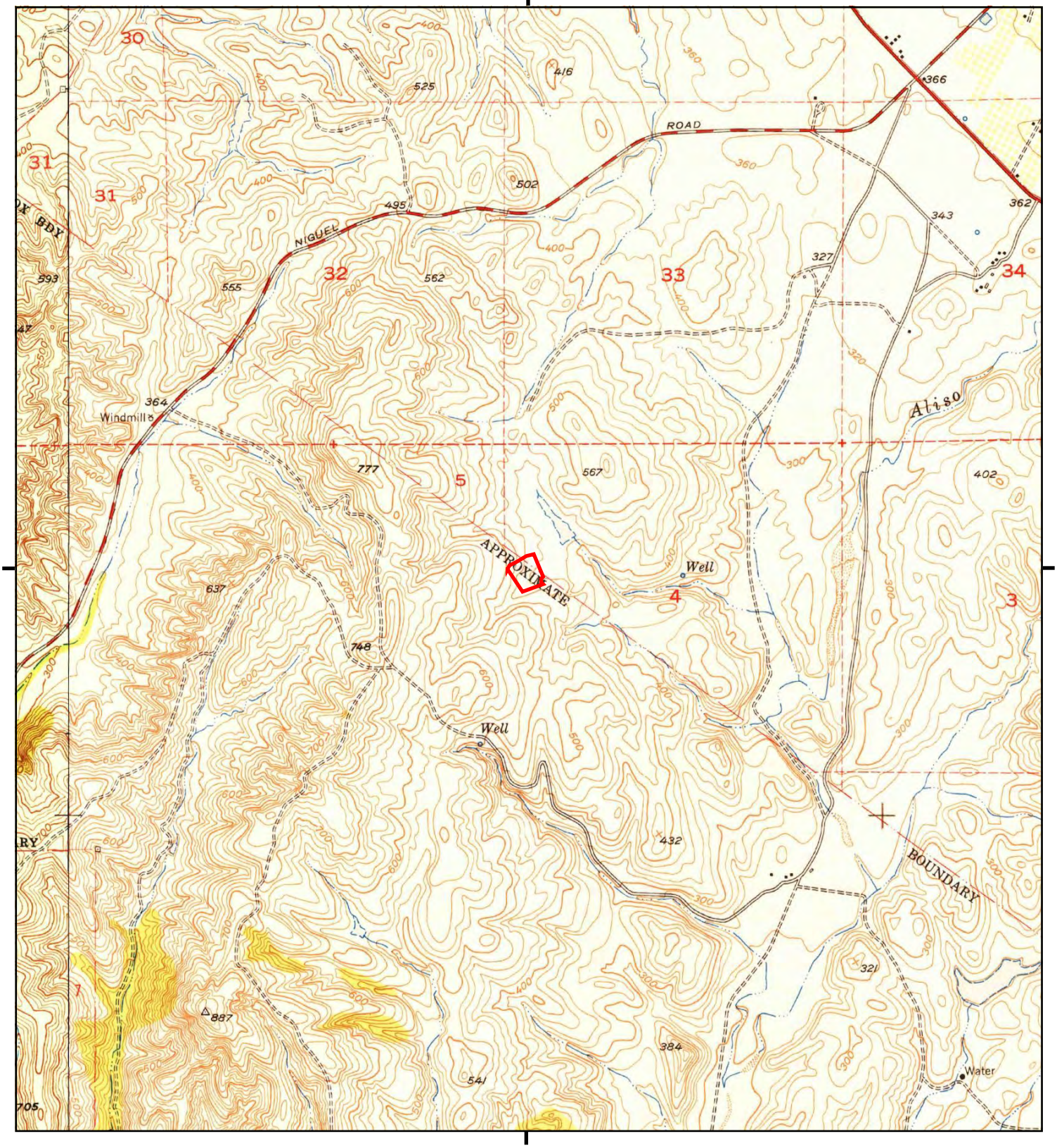
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Juan Capistrano, 1968, 7.5-minute
SW, Laguna Beach, 1965, 7.5-minute

SITE NAME: 15 Argonaut
ADDRESS: 15 Argonaut
Aliso Viejo, CA 92656
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

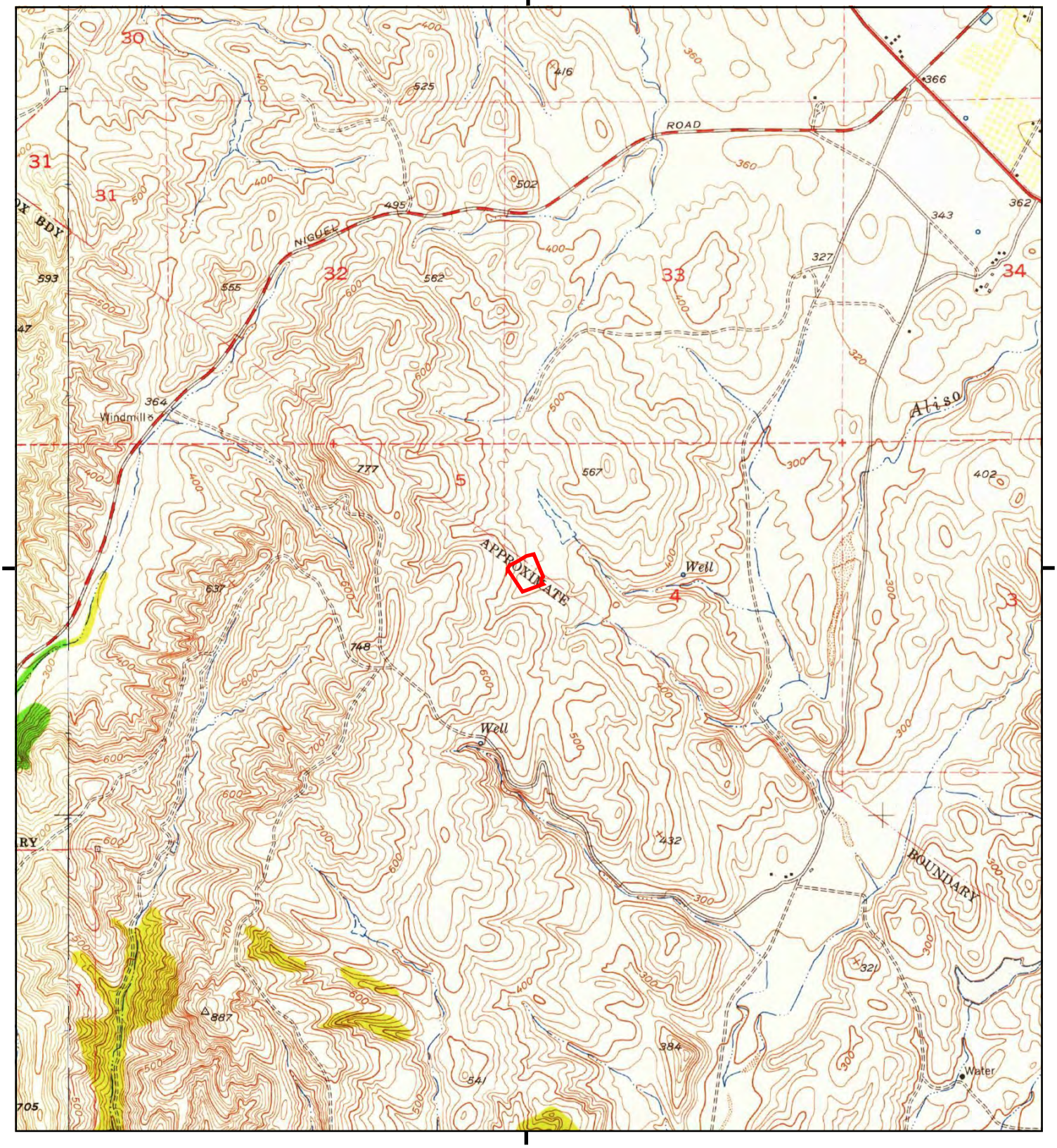
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Juan Capistrano, 1949, 7.5-minute
SW, Laguna Beach, 1949, 7.5-minute

SITE NAME: 15 Argonaut
ADDRESS: 15 Argonaut
Aliso Viejo, CA 92656
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

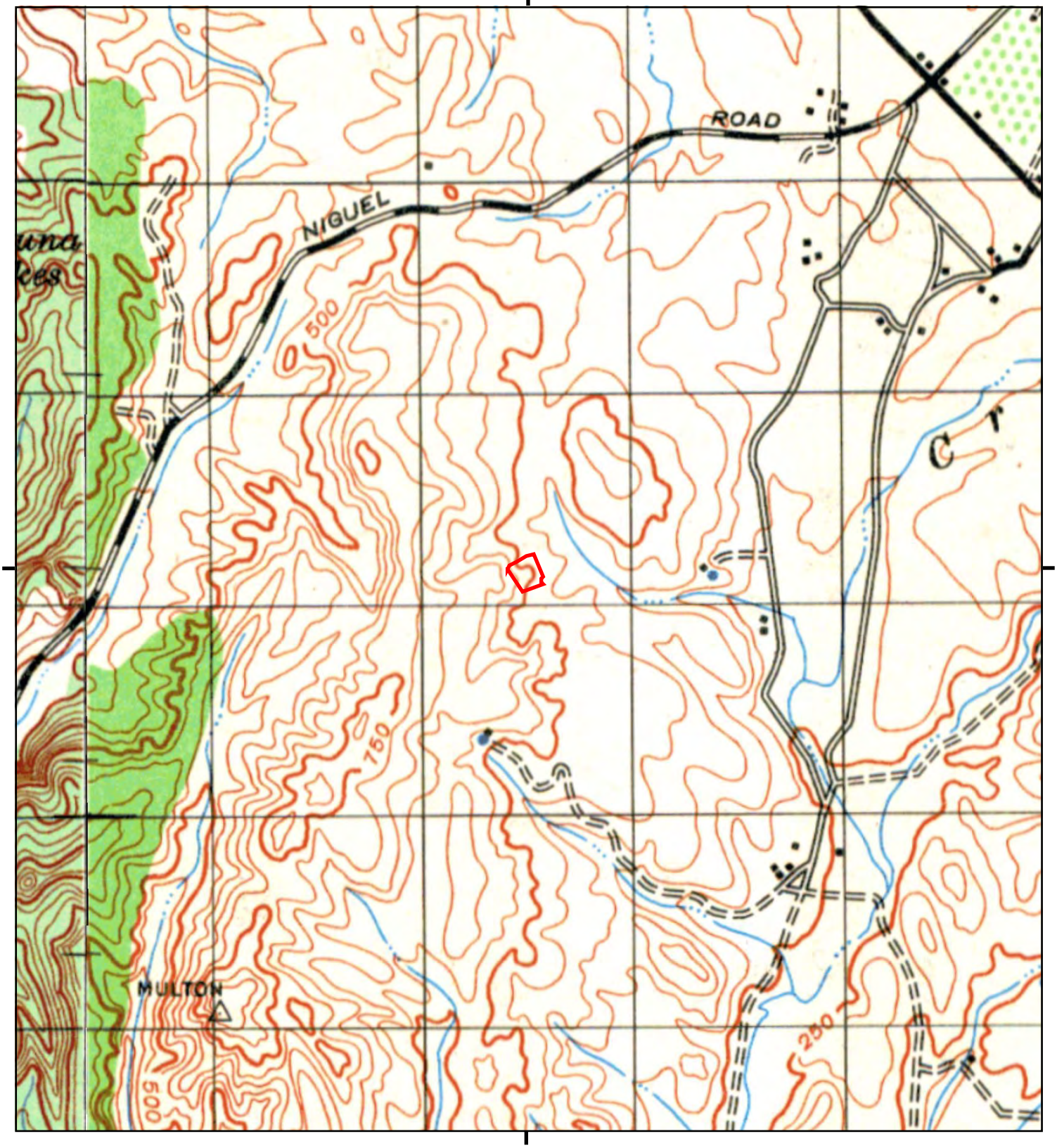
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Juan Capistrano, 1948, 7.5-minute
SW, Laguna Beach, 1948, 7.5-minute

SITE NAME: 15 Argonaut
ADDRESS: 15 Argonaut
Aliso Viejo, CA 92656
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

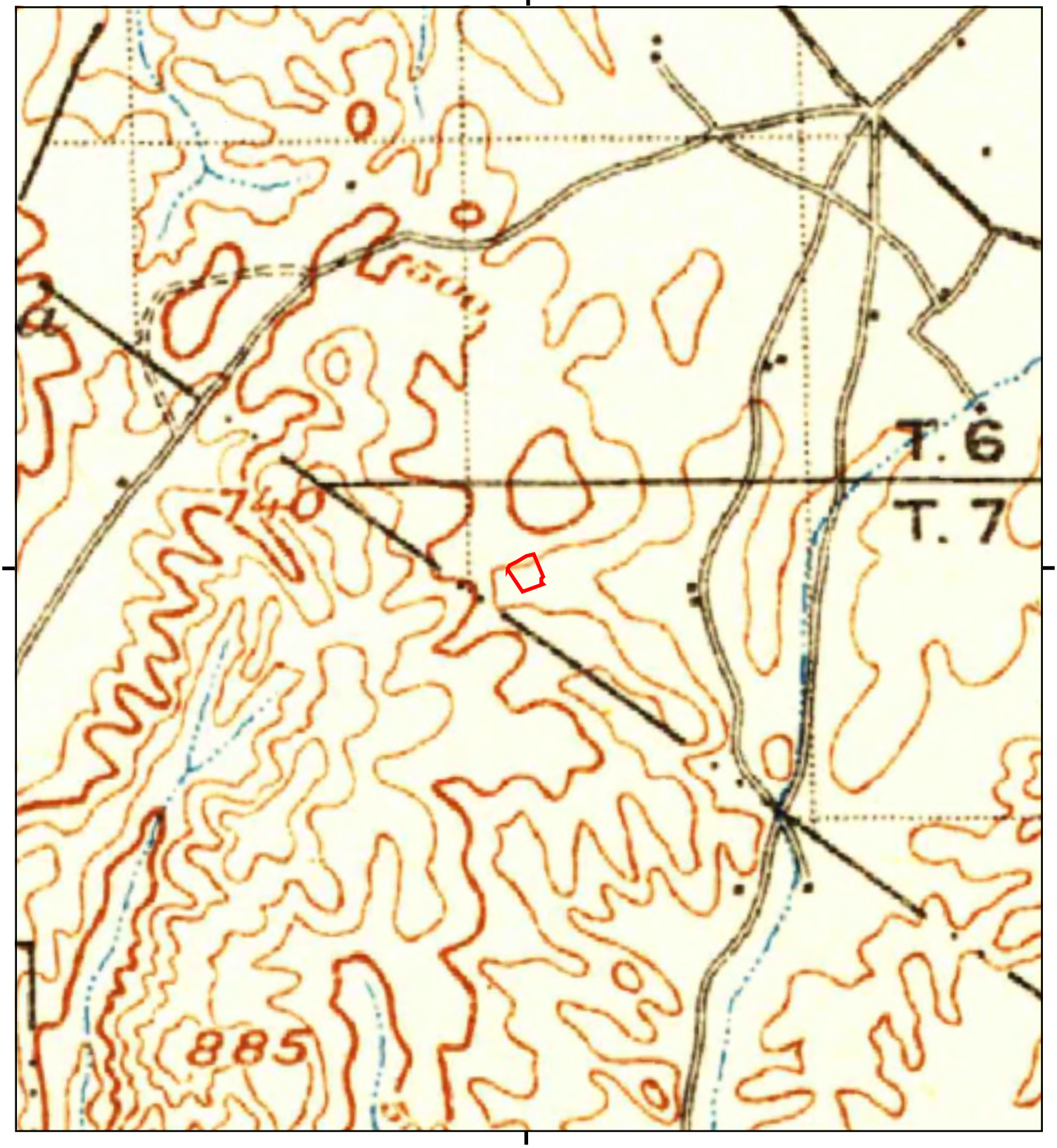
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, SANTIAGO PEAK, 1942, 15-minute
W, SANTA ANA, 1942, 15-minute

SITE NAME: 15 Argonaut
ADDRESS: 15 Argonaut
Aliso Viejo, CA 92656
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Corona, 1902, 30-minute

SITE NAME: 15 Argonaut
ADDRESS: 15 Argonaut
Aliso Viejo, CA 92656
CLIENT: Stantec

N

15 Argonaut

15 Argonaut

Aliso Viejo, CA 92656

Inquiry Number: 8037570.8

July 03, 2025

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

EDR Aerial Photo Decade Package

07/03/25

Site Name:

15 Argonaut
15 Argonaut
Aliso Viejo, CA 92656
EDR Inquiry # 8037570.8

Client Name:

Stantec
735 E. Carnegie Drive, Suite 280
SAN BERNARDINO, CA 92408
Contact: Alicia Ruth Jansen

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Search Results:

Year	*Scale*	*Details*	*Source*
2022	1"=500'	Flight Year: 2022	USDA/NAIP
2018	1"=500'	Flight Year: 2018	USDA/NAIP
2014	1"=500'	Flight Year: 2014	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Year: 2002	USGS/DOQQ
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 03, 1989	USDA
1981	1"=500'	Flight Date: October 30, 1981	USGS
1974	1"=500'	Flight Date: November 06, 1974	USGS
1972	1"=500'	Flight Date: October 30, 1972	USGS
1967	1"=500'	Flight Date: May 07, 1967	USGS
1963	1"=500'	Flight Date: February 28, 1963	USGS
1952	1"=500'	Flight Date: December 12, 1952	USDA
1946	1"=500'	Flight Date: December 29, 1946	USGS
1938	1"=500'	Flight Date: June 14, 1938	USDA

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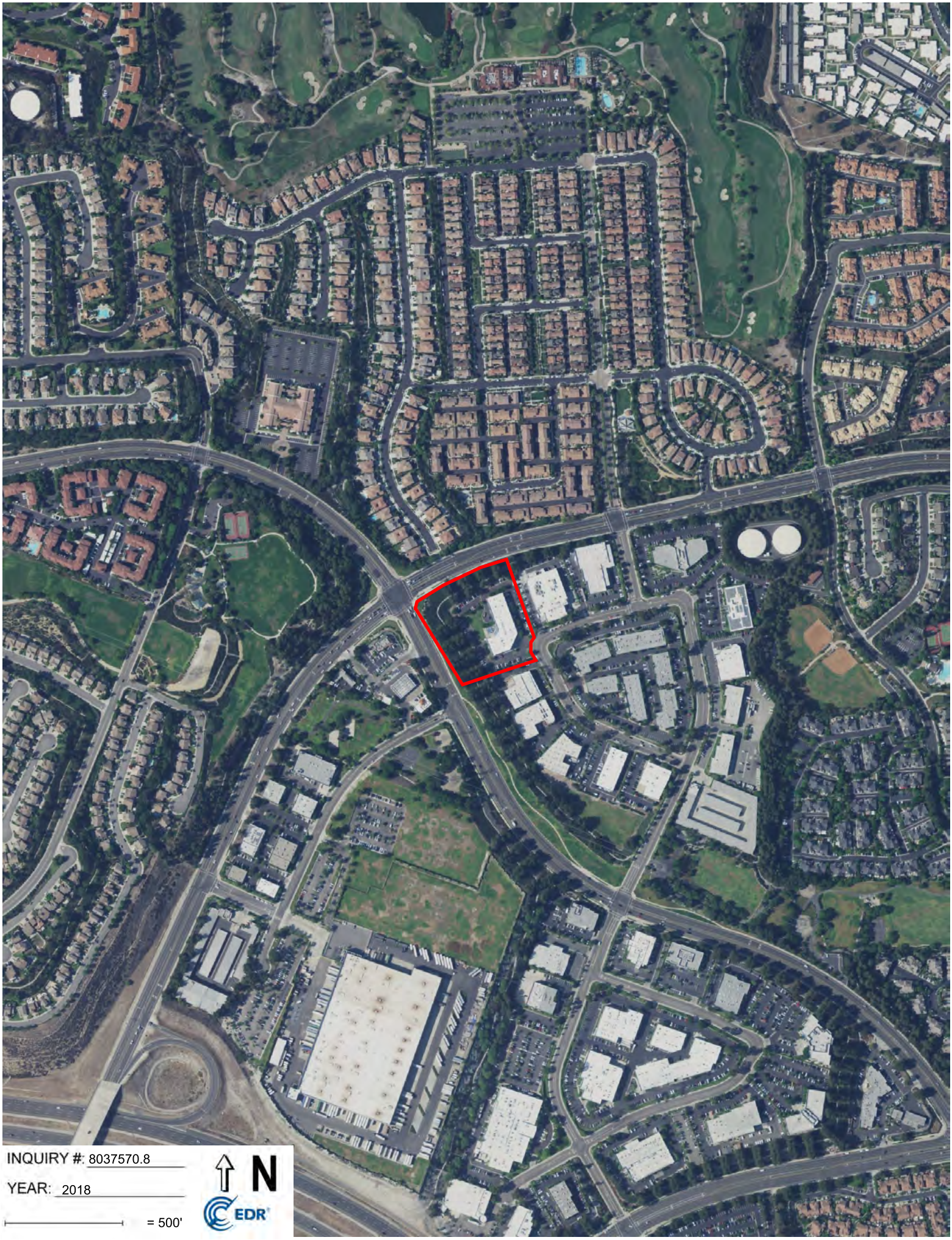
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INQUIRY #: 8037570.8
YEAR: 2022
= 500'
N
EDR


INQUIRY #: 8037570.8
YEAR: 2018
= 500'
N
EDR


INQUIRY #: 8037570.8
YEAR: 2014
= 500'
N
EDR


INQUIRY #: 8037570.8
YEAR: 2010
= 500'
N
EDR

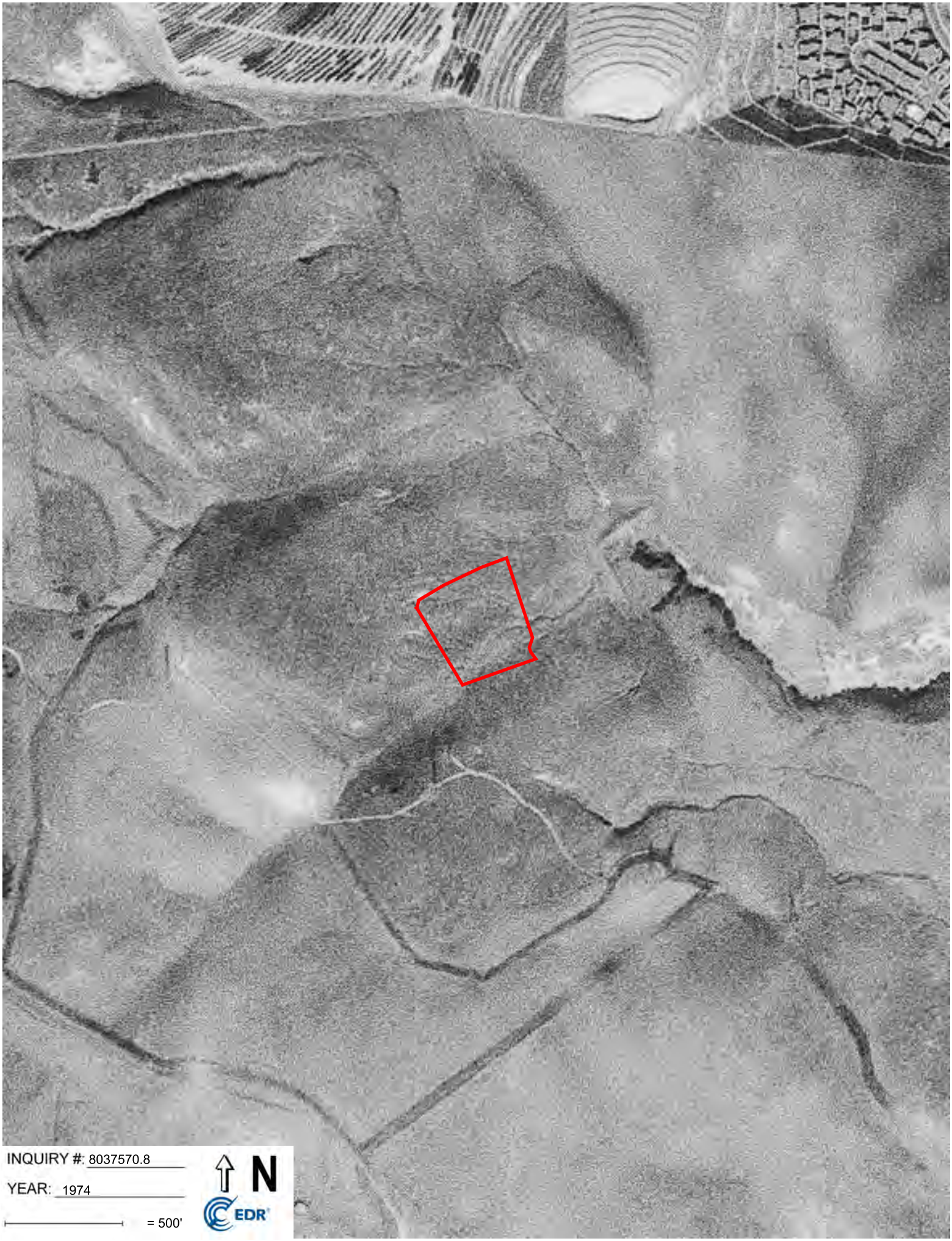

INQUIRY #: 8037570.8
YEAR: 2005
= 500'
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EDR


INQUIRY #: 8037570.8
YEAR: 2002
= 500'
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EDR


INQUIRY #: 8037570.8
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 8037570.8
YEAR: 1989
= 500'
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EDR


INQUIRY #: 8037570.8
YEAR: 1981
= 500'
N
EDR



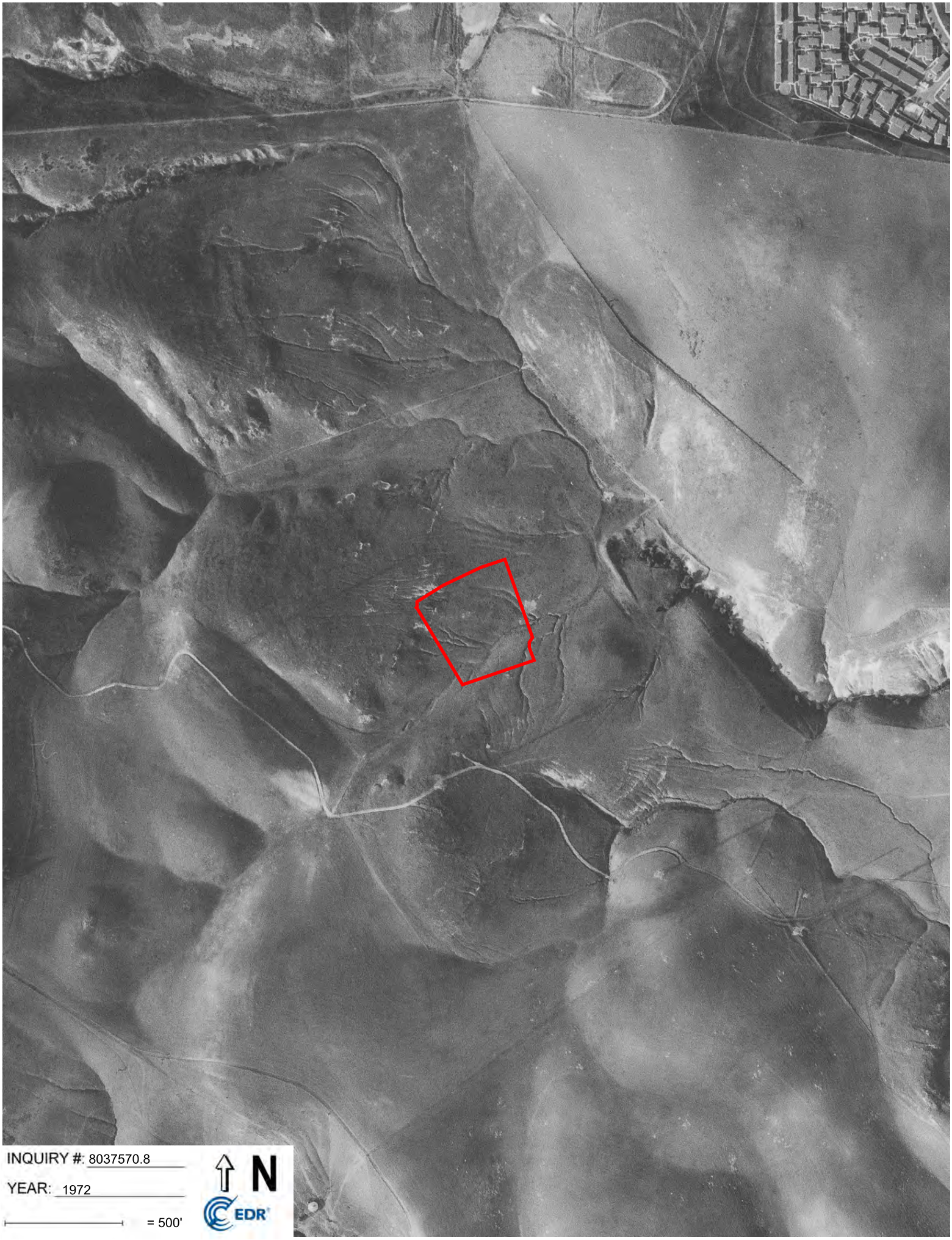
INQUIRY #: 8037570.8

YEAR: 1974

= 500'

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EDR


INQUIRY #: 8037570.8
YEAR: 1972
= 500'
N
EDR



INQUIRY #: 8037570.8

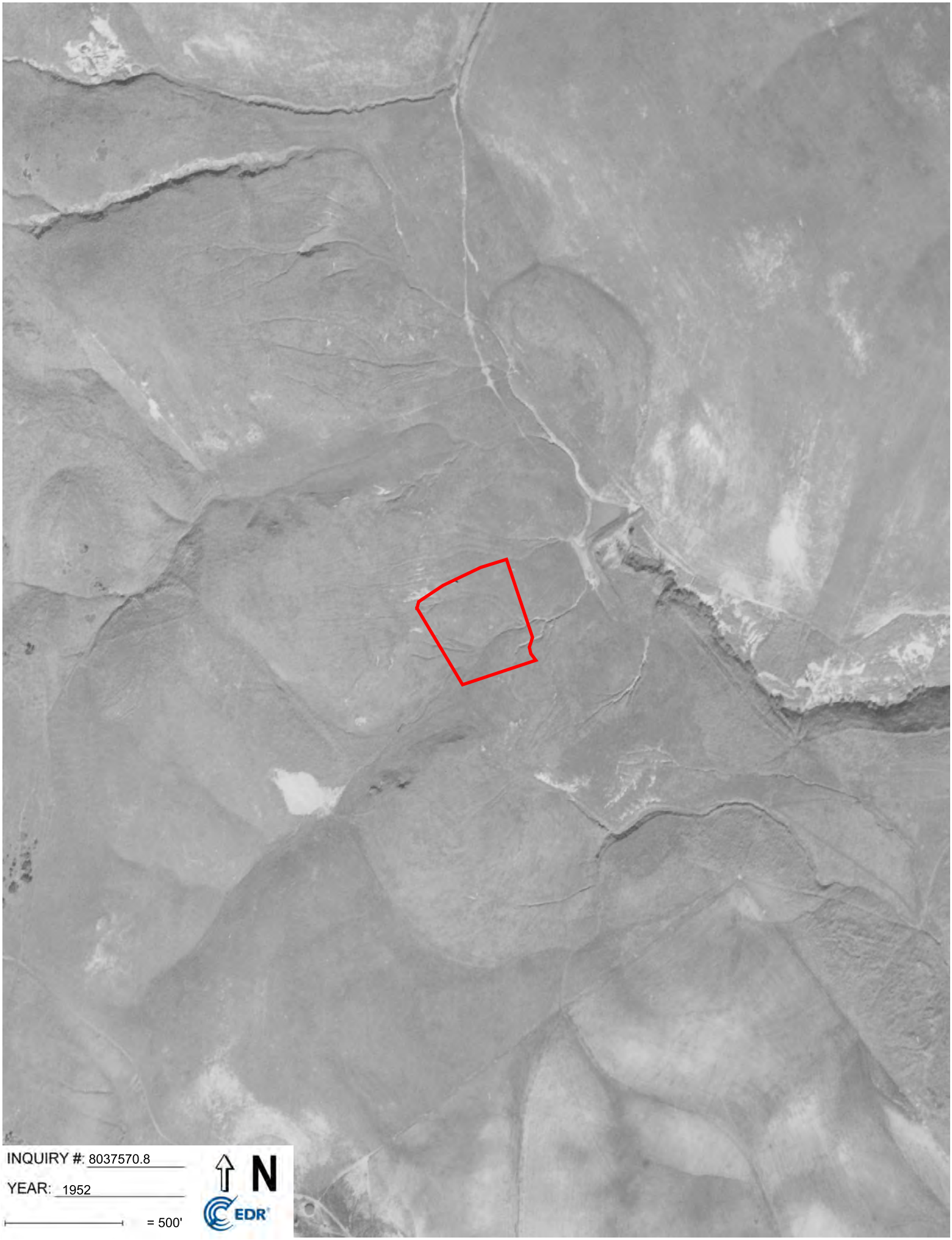
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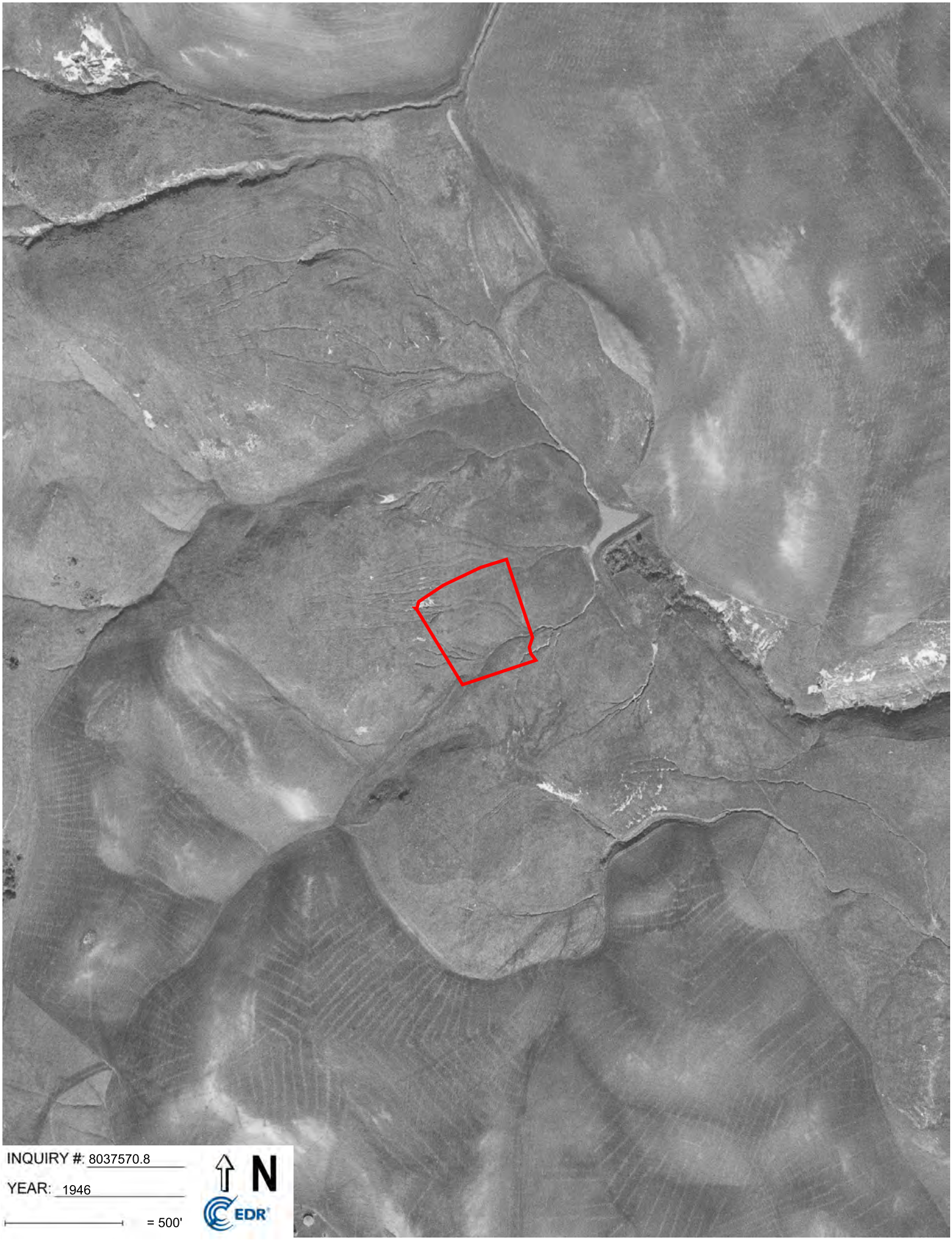
= 500'

N

EDR


INQUIRY #: 8037570.8
YEAR: 1963
= 500'
N
EDR


INQUIRY #: 8037570.8
YEAR: 1952
= 500'
N
EDR


INQUIRY #: 8037570.8
YEAR: 1946
= 500'
N
EDR



INQUIRY #: 8037570.8

YEAR: 1938

= 500'

N

EDR

15 Argonaut
15 Argonaut
Aliso Viejo, CA 92656

Inquiry Number: 8037570.5
July 03, 2025

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2020	Cole Information	X	X	X	-
	EDR Digital Archive	X	X	X	-
2017	Cole Information	-	-	-	-
2014	Cole Information	X	X	X	-
2010	Cole Information	X	X	X	-
2005	Cole Information	X	X	X	-
2002	Haines Company	X	X	X	-
2001	Pacific Telephone	-	-	-	-
2000	Cole Information	X	X	X	-
1997	Pacific Bell	X	X	X	-
1995	Cole Information	X	X	X	-
	Pacific Bell	X	X	X	-
1992	Cole Information	X	X	X	-
	Pacific Bell	X	X	X	-
1991	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1980	Pacific Telephone	-	X	X	-
1975	Luskeys Brothers & Co.	-	-	-	-
1971	Luskey Brothers Co., Inc.	-	-	-	-
1970	GENERAL TELEPHONE CO. OF CALIFORNIA	-	-	-	-
1966	Pacific Telephone	-	-	-	-
1965	ROSS PUBLICATIONS INC.	-	-	-	-
1961	Luskey Brothers & Co.,	-	-	-	-
1960	Unknown	-	-	-	-
1956	LUSKEY BROTHERS & CO. INC.	-	-	-	-
1955	Luskeys Brothers & Co.	-	-	-	-
1952	Luskeys Directory Service Co.	-	-	-	-
1950	The Pacific Telephone and Telegraph Co.	-	-	-	-
1946	Southern California Telephone Co.	-	-	-	-
1945	McCutcheon & Bragonier	-	-	-	-
1941	Southern California Telephone Co.	-	-	-	-
1936	A SAM DAWSON DIRECTORY	-	-	-	-
1930	Western Directory Co.	-	-	-	-
1926	Pacific Telephone	-	-	-	-
1925	Western Directory Co.	-	-	-	-
1922	Kaasen Directory Co.	-	-	-	-
1921	Western Directory Co.	-	-	-	-
1920	Santa Ana Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
7 Argonaut	Client Entered	X
21 Argonaut	Client Entered	X
8 Argonaut	Client Entered	X
23002 Aliso Viejo Creek Road	Client Entered	
23022 Aliso Viejo Creek Road	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

15 Argonaut
Aliso Viejo, CA 92656

FINDINGS DETAIL

Target Property research detail.

ARGONAUT

15 ARGONAUT

Year	*Uses*	*Source*
2020	AARON CAMPBELL	Cole Information
	AARON ELLIOT	Cole Information
	AARON SCHMIDT	Cole Information
	AARON VEIT	Cole Information
	ADAM CHAMBERLIN	Cole Information
	ADAM MALONE	Cole Information
	ADRIANA TAMAYO	Cole Information
	AJ STUENKEL	Cole Information
	ALAN GRECI	Cole Information
	ALCARAZ WENDY	Cole Information
	ALEJANDRA MENDOZA	Cole Information
	ALEXANDRA THORFINNSON	Cole Information
	ALICIA GORT	Cole Information
	ALISON PITALE	Cole Information
	ALIZABETH BERG	Cole Information
	ALLANNAH COYLE	Cole Information
	ALLISTAIR GALINDO	Cole Information
	AMAL GMAIL	Cole Information
	AMAL YUSSUF	Cole Information
	AMANDA ALTMAN	Cole Information
	AMANDA GROGGEL	Cole Information
	AMBER PRYZBYLSKI	Cole Information

FINDINGS

Year	Uses	Source
2020	AMBER WILLIAMS	Cole Information
	AMBER WILLIAMS-MORALES	Cole Information
	AMBRY GENETICS	Cole Information
	AMELIA TRUJILLO	Cole Information
	AMIE YOON	Cole Information
	AMY WECHSLER	Cole Information
	ANDRE HALL	Cole Information
	ANDREW CASTILLO	Cole Information
	ANDREW HALING	Cole Information
	ANDREW LIN	Cole Information
	ANDREW LINDERMAN	Cole Information
	ANDREW PETERSEN	Cole Information
	ANDREW SHAW	Cole Information
	ANDY CASTRO	Cole Information
	ANNA DISPENSA	Cole Information
	ANTHONY HARRIS	Cole Information
	ANTHONY PONTICELLO	Cole Information
	ANTONIO WANG	Cole Information
	AREE RAISDANA	Cole Information
	ARIVUDAINAMBI RAMALINGAM	Cole Information
	ASHLEY BODENBENDER	Cole Information
	ASHLEY COOK	Cole Information
	ASHLEY GRIFFIN	Cole Information
	AUSTIN CARTER	Cole Information
	AUSTIN WELSHIEMER	Cole Information
	BASHA WEERASURIYA	Cole Information
	BEAU GRAY	Cole Information
	BEN HIGGS	Cole Information
	BENJAMIN SMYTH	Cole Information
	BERNARD HERRMAN	Cole Information
	BESS WAYBURN	Cole Information
	BETH KUHN	Cole Information

FINDINGS

Year	Uses	Source
2020	BETH SOUDERS	Cole Information
	BIHN NGUYEN	Cole Information
	BLAIR CONNER	Cole Information
	BLAIR WEISS	Cole Information
	BOBA POPOVIC	Cole Information
	BOLADE OLAMBIWONNU	Cole Information
	BRANDON LINTON	Cole Information
	BRENT BULLARD	Cole Information
	BRIAN ENRIQUEZ	Cole Information
	BRIAN FLICK	Cole Information
	BRIAN GUERIN	Cole Information
	BRIAN LAMB	Cole Information
	BRIAN PAYNE	Cole Information
	BRIAN RAMIREZ ENRIQUEZ	Cole Information
	BRIANNA KAMEN	Cole Information
	BRIANNA VOLZ	Cole Information
	BRICE SARVER	Cole Information
	BRITTANI OATIS	Cole Information
	BRITTANY CHARNLEY	Cole Information
	BRITTANY CLARK	Cole Information
	BRITTANY DOUGALL	Cole Information
	BRITTANY OSULLIVAN	Cole Information
	BRODRIC CORMIER	Cole Information
	BROOKE MCLAUGHLIN	Cole Information
	BRYAN MAK	Cole Information
	BRYANT ROMAGNANO	Cole Information
	BRYSON BELLEFEUILLE	Cole Information
	BUCA DEBEPO	Cole Information
	CAM MANAPSAL	Cole Information
	CAMARA CRENSHAW	Cole Information
	CAMARA MBA	Cole Information
	CAMELLIA SHOAPOUR	Cole Information

FINDINGS

Year	Uses	Source
2020	CAMERON MROSKE	Cole Information
	CARINE KANDALAFT	Cole Information
	CARLOS PEREZ	Cole Information
	CAROLE ODDOUX	Cole Information
	CAROLINE DOUGHERTY	Cole Information
	CAROLYN TAYLOR	Cole Information
	CASSIE KURODA	Cole Information
	CASSIE UNG	Cole Information
	CATHERINE DIDONATO	Cole Information
	CATHERINE POTENTE	Cole Information
	CATHERINE QUINDIPAN	Cole Information
	CATHERINE SUH	Cole Information
	CATHLEEN PEREZ	Cole Information
	CHAD MARCINIAK	Cole Information
	CHAR MANGRELLO	Cole Information
	CHARLES YI	Cole Information
	CHERYL STOKES	Cole Information
	CHRIS CHOCK	Cole Information
	CHRIS LOWRY	Cole Information
	CHRIS SANDS	Cole Information
	CHRIS YENZER	Cole Information
	CHRISTIAN GUND	Cole Information
	CHRISTINA ALAMILLO	Cole Information
	CHRISTINA DORRIS	Cole Information
	CHRISTOPHER LOWRY	Cole Information
	CHRISTOPHER RAMIREZ	Cole Information
	CHRISTY MOORE	Cole Information
	CINDY KALEH	Cole Information
	CODY BUHLER	Cole Information
	COLLEEN GARCIA	Cole Information
	COLLEEN MCCULLOUGH	Cole Information
	COLLEEN MCCULLOUGH-GARCIA	Cole Information

FINDINGS

Year	Uses	Source
2020	COLLIN LYNCH	Cole Information
	CONNOR HARTMAN	Cole Information
	COURTNEY GROSVENOR	Cole Information
	COURTNEY SCHROEDER	Cole Information
	CRISTINA VEGA	Cole Information
	DAGNY NOETH	Cole Information
	DAISY TAPIA	Cole Information
	DAJUN QIAN	Cole Information
	DAMON HADDER	Cole Information
	DAN KOSTECKI	Cole Information
	DAN LINDSAY	Cole Information
	DANIEL HARRINGTON	Cole Information
	DARCE SCHULTZ	Cole Information
	DAVE LIEBETREU	Cole Information
	DAVID HOANG	Cole Information
	DAVID PFEIFER	Cole Information
	DAVID SALVADOR	Cole Information
	DAVID SCOTTI	Cole Information
	DAVID SIMMONS	Cole Information
	DAVID TRAN	Cole Information
	DAVID WAWRZYNIAK	Cole Information
	DAVID WILKINS	Cole Information
	DENA FREEMAN	Cole Information
	DENA GOLDBERG	Cole Information
	DESIREE GONZALEZ	Cole Information
	DESIREE THOMPSON	Cole Information
	DEVON THRUSH	Cole Information
	DIANA SANCHEZ	Cole Information
	DIANA TUMAN	Cole Information
	DIMA EL-KHECHEN	Cole Information
	DIMA KHECHEN	Cole Information
	DIVYA SAIN	Cole Information

FINDINGS

Year	Uses	Source
2020	DONG XU	Cole Information
	DONNA NICKENS	Cole Information
	DONNA TRIESCHMANN	Cole Information
	DOSS JIMMY	Cole Information
	DYLAN ALLBEE	Cole Information
	DYLAN BOROIAN	Cole Information
	ELAINE WELTMER	Cole Information
	ELENA ROSENBERG	Cole Information
	ELIZABETH LOPEZ	Cole Information
	ELLESSE SUMNER	Cole Information
	ELLIN WEST	Cole Information
	EMILY DALTON	Cole Information
	EMILY GREENE	Cole Information
	EMILY HAMMOND	Cole Information
	EMILY HERRMANN	Cole Information
	EMILY WIKIDAL	Cole Information
	EMMA AUSTIN	Cole Information
	EMMA WATTS	Cole Information
	ERIC TUCKER	Cole Information
	ERICA SMITH	Cole Information
	ERICA WELLINGTON	Cole Information
	ERICK LIN	Cole Information
	ERIKA MERINO	Cole Information
	ERIKA ORTEGA	Cole Information
	ERNIE CRUZ	Cole Information
	ESPERANZA MANZO	Cole Information
	EUGENE GARAN	Cole Information
	EUGENE MISCIONE	Cole Information
	EUNICE MORSE	Cole Information
	EVELYN REPUELO	Cole Information
	FANN BRANDON	Cole Information
	FAYROUZ MATTHEWS	Cole Information

FINDINGS

Year	Uses	Source
2020	FERNANDO ALONSO	Cole Information
	FERNANDO VALDEZ	Cole Information
	FRANK PEEK	Cole Information
	FRANK VANDENHOUTEN	Cole Information
	FRED ELBANCOL	Cole Information
	GALEN WOLLENBERG	Cole Information
	GARY CLACK	Cole Information
	GENE MISCIONE	Cole Information
	GEOFF ALDERETE	Cole Information
	GERALD BAUER	Cole Information
	GIANA STANIGAR	Cole Information
	GINA JOHNS-MCNEIL	Cole Information
	GINGER CHISHOLM	Cole Information
	GISELLE GONZALEZ	Cole Information
	GLADYS VERDUZCO	Cole Information
	GRASSO JAMES	Cole Information
	GREG NOGLE	Cole Information
	HALE GEOFFREY	Cole Information
	HALEY PETERSON	Cole Information
	HANNAH MCCLEARY	Cole Information
	HARMONY HARRIS	Cole Information
	HARRISON TRIPP	Cole Information
	HARSHIL PATEL	Cole Information
	HAYLEY RENWICK	Cole Information
	HEATHER ELLIS	Cole Information
	HEATHER NEWMAN	Cole Information
	HEATHER STICKNEY	Cole Information
	HEATHER ZIMMERMANN	Cole Information
	HECTOR ESCOBEDO	Cole Information
	HECTOR RODRIGUEZ-ASBUN	Cole Information
	HEIDI FELLOWS	Cole Information
	HEIDI MEFFERD	Cole Information

FINDINGS

Year	Uses	Source
2020	HEIDI SANDERSON	Cole Information
	HEIDI SWANSON-FELLOWS	Cole Information
	HELEN FARD	Cole Information
	HELEN KIM	Cole Information
	HERNANDEZ FELICIA	Cole Information
	HOLLE CLOUTIER	Cole Information
	HOLLY MUELLER	Cole Information
	HUGO LOPEZ	Cole Information
	IGOR PETRIK	Cole Information
	IKE OKENWA	Cole Information
	ISAAC BROWN	Cole Information
	ISABELLE RENNOCKL	Cole Information
	ISHITA VYAS	Cole Information
	ISSA COULTAS	Cole Information
	IT OPERATIONS	Cole Information
	IVO IVANOV	Cole Information
	JACK FORTHUN	Cole Information
	JACLYN CONNOR	Cole Information
	JACOB ACTKINSON	Cole Information
	JACOB WALTZ	Cole Information
	JACQUELINE TALPASH	Cole Information
	JADE TINKER	Cole Information
	JAKE RHODARMER	Cole Information
	JAKHAN NGUYEN	Cole Information
	JAMES CHOI	Cole Information
	JAMES HOLLOWAY	Cole Information
	JAMES PH	Cole Information
	JAMES SONG	Cole Information
	JAMIE BERBERIAN	Cole Information
	JAMIE COOPER	Cole Information
	JAMIE LHEUREUX	Cole Information
	JAMIE NOBLES	Cole Information

FINDINGS

Year	Uses	Source
2020	JANET CHIEN	Cole Information
	JANET MESCIONE	Cole Information
	JAQUELINE ARROYO	Cole Information
	JARED EIFERT	Cole Information
	JARVIS MICHAEL	Cole Information
	JASMINE SATH	Cole Information
	JASON ARNOLD	Cole Information
	JASON CWCMS	Cole Information
	JASON METZLER	Cole Information
	JASON WEAMER	Cole Information
	JASON WOMMACK	Cole Information
	JEAN ANDERSON	Cole Information
	JEANINE TALAMO	Cole Information
	JEANNIE DELAROSA	Cole Information
	JEANNINE ST JOHN	Cole Information
	JEFFREY GAHAN	Cole Information
	JEFFREY NORCIA	Cole Information
	JEFFREY TSOU	Cole Information
	JEHAN HARRELL	Cole Information
	JENN MISCIONE	Cole Information
	JENNA GUILTINAN	Cole Information
	JENNI BRAUGHT	Cole Information
	JENNIFER HERRERA-MULLAR	Cole Information
	JENNIFER HUANG	Cole Information
	JEREMY JARRETT	Cole Information
	JESSE HUNTER	Cole Information
	JESSE MATLOCK	Cole Information
	JESSICA BURGESS	Cole Information
	JESSICA EHLERS	Cole Information
	JESSICA GAGE	Cole Information
	JESSICA GRZYBOWSKI	Cole Information
	JESSICA MESCHEDER	Cole Information

FINDINGS

Year	Uses	Source
2020	JESSICA NGUYEN	Cole Information
	JESSICA NOVAK	Cole Information
	JESSICA PATTERSON	Cole Information
	JESSICA PROFATO	Cole Information
	JESSICA RIOS	Cole Information
	JESSICA YAN	Cole Information
	JIA HOO	Cole Information
	JIM MARTINO	Cole Information
	JINA HAGEN	Cole Information
	JING WANG	Cole Information
	JIVARAJ PIPARIYA	Cole Information
	JOAN CASTILLO	Cole Information
	JOANNA GILLHOUSE	Cole Information
	JOE BARTFAY	Cole Information
	JOHN CARSON	Cole Information
	JOHN COPENHAVER	Cole Information
	JOHN DIODATO	Cole Information
	JON EARHART	Cole Information
	JONATHON YU	Cole Information
	JORDAN DRUMEL	Cole Information
	JORDAN MARSHALL	Cole Information
	JORDAN TRIVISON	Cole Information
	JORGENSON BUENO	Cole Information
	JOSEPH WALBURN	Cole Information
	JOSHUA BRUNELL	Cole Information
	JOSHUA GORMAN	Cole Information
	JULIA THAI	Cole Information
	JULIANA CASTRO-OSORIO	Cole Information
	JULIE COOK	Cole Information
	JULIE STEFKA	Cole Information
	JUNAID HASHIM	Cole Information
	KALINA STEFANOV	Cole Information

FINDINGS

Year	Uses	Source
2020	KAREN DAVE	Cole Information
	KAREN HENRY	Cole Information
	KARINA VELASCO	Cole Information
	KASEY ONEILL	Cole Information
	KATE DURDA	Cole Information
	KATE KIILEHUA	Cole Information
	KATE KREMPELY	Cole Information
	KATE ZWICKL	Cole Information
	KATHARINE SAETANG	Cole Information
	KATHLEEN BUCLATIN	Cole Information
	KATHRYN CARLSON	Cole Information
	KATHRYN CARR	Cole Information
	KATHRYN MACDONALD	Cole Information
	KATIE EASTON	Cole Information
	KATIE REITER	Cole Information
	KATIE SULLIVAN	Cole Information
	KAYANA SPOOR	Cole Information
	KELLY BURK	Cole Information
	KELLY CHANTAL	Cole Information
	KELLY FULK	Cole Information
	KELLY HAGMAN	Cole Information
	KELLY KRAGENBRINK	Cole Information
	KELLY MCGOLDRICK	Cole Information
	KELLY VALENZUELA	Cole Information
	KERRY BARRETT	Cole Information
	KEVIN LAWSON	Cole Information
	KEVIN WAGNER	Cole Information
	KEVIN YANG	Cole Information
	KIM BABBIDGE	Cole Information
	KIM HELMERS	Cole Information
	KIM STANDFEST	Cole Information
	KIMBERLY ULRICH	Cole Information

FINDINGS

Year	Uses	Source
2020	KIRSTEN BLANCO	Cole Information
	KIRSTEN KELLY	Cole Information
	KORY JASPERSON	Cole Information
	KRISTA KAZMIERKIEWICZ	Cole Information
	KRISTI MUDRINICH	Cole Information
	KRISTI MURPHY	Cole Information
	KRISTINA WHALEY	Cole Information
	KRISTINE GUERRERO	Cole Information
	KRISTOPHER BEAN	Cole Information
	KRISTY HAYNES	Cole Information
	KRYSTA AYERS	Cole Information
	KRYSTLE LOWERISON	Cole Information
	KURT BRABENDER	Cole Information
	KYLE ALLEN	Cole Information
	KYLE VEENIS	Cole Information
	KYLE WULFE	Cole Information
	KYUNG CHO	Cole Information
	LAN QIN	Cole Information
	LAURA MISCIONE	Cole Information
	LAURA PANOS	Cole Information
	LAURA SMITH	Cole Information
	LAURA TEIGISER	Cole Information
	LAUREN BOWLING	Cole Information
	LAUREN COBERN	Cole Information
	LAUREN DANIELS	Cole Information
	LAUREN GARRETT	Cole Information
	LERNNI JUCO	Cole Information
	LESLIE VATH	Cole Information
	LESTER CARTER	Cole Information
	LINDSEY BARNARD	Cole Information
	LINDSEY SIZEMORE	Cole Information
	LINDSEY WALTMAN	Cole Information

FINDINGS

Year	Uses	Source
2020	LINH DANG	Cole Information
	LISA NOVAKOFF	Cole Information
	LISA TSAI	Cole Information
	LUCAS AGRICOLA	Cole Information
	LUCIA GUIDUGLI	Cole Information
	LUIGI LEUNG	Cole Information
	LUIS PEREZ	Cole Information
	LUKE ADEA	Cole Information
	MACHALE ROBERT	Cole Information
	MADDY SUMNER	Cole Information
	MADELINE GRAF	Cole Information
	MADELINE HANSEN	Cole Information
	MADI BRAWER	Cole Information
	MANUEL JAQUEZ	Cole Information
	MARC JEFFERSON	Cole Information
	MARCUS HAJJ	Cole Information
	MARCY RICHARDSON	Cole Information
	MARGARET JONES	Cole Information
	MARGARET KIVINSKI	Cole Information
	MARI ROSSI	Cole Information
	MARIA FRANCE	Cole Information
	MARIA FRICK	Cole Information
	MARIA ILLIANO	Cole Information
	MARIA SANTA	Cole Information
	MARIA SEGOBIANO	Cole Information
	MARIANNE BOWMAN	Cole Information
	MARIEKE SVOBODA	Cole Information
	MARILYN TSANG	Cole Information
	MARIO AVINA	Cole Information
	MARISSA CASAR	Cole Information
	MARISSA TRACY	Cole Information
	MARJAN MAJDI	Cole Information

FINDINGS

Year	Uses	Source
2020	MARJOLINE CLOVET	Cole Information
	MARK KONOPKA	Cole Information
	MARK MISCIONE	Cole Information
	MARK SUMNERS	Cole Information
	MARKUS MOVRICH	Cole Information
	MARY BLACK	Cole Information
	MARY MILLER	Cole Information
	MARY MITCHELL	Cole Information
	MARY PRITZLAFF	Cole Information
	MARY WILLIS	Cole Information
	MARYAM RAHMANI	Cole Information
	MARYAM RASOOLIAN	Cole Information
	MATTHEW CAL	Cole Information
	MATTHEW DE LA CAL	Cole Information
	MATTHEW MANDESE	Cole Information
	MATTHEW TAGLIAFERRO	Cole Information
	MAX CABAJ	Cole Information
	MBASCP SIRAK	Cole Information
	MEAGHAN OCONNOR	Cole Information
	MEGAN LANDSVERK	Cole Information
	MEGHAN TOWNE	Cole Information
	MELANIE RUIZ	Cole Information
	MELANIE STUDZINSKI	Cole Information
	MELISSA FUMO	Cole Information
	MELISSA PRONOLD	Cole Information
	MELISSA SAMONS	Cole Information
	MELISSA TRUELSON	Cole Information
	MELISSA WARDEN	Cole Information
	MELISSA YOON	Cole Information
	MICAH CGMBS	Cole Information
	MICHAEL ERICKSON	Cole Information
	MICHAEL LAVAVESHKUL	Cole Information

FINDINGS

Year	Uses	Source
2020	MICHAEL LIPPS	Cole Information
	MICHAEL MARTINSON	Cole Information
	MICHAEL MOE	Cole Information
	MICHAEL OSBORNE	Cole Information
	MICHAEL OSTERMAN	Cole Information
	MICHAEL SCOVITCH	Cole Information
	MICHAEL TROTTMAN	Cole Information
	MICHAEL WACHOWIAK	Cole Information
	MICHAL PROCHAZKA	Cole Information
	MICHELE FENNESSY	Cole Information
	MICHELLE JACKSON	Cole Information
	MICHELLE LEBO	Cole Information
	MICHELLE SHRADER	Cole Information
	MICHELLE SMITH	Cole Information
	MIKE ATCHISON	Cole Information
	MIMI WAN	Cole Information
	MIN PARK	Cole Information
	MIN-SUN PARK	Cole Information
	MOLLY BONI	Cole Information
	MOLLY GONZALES	Cole Information
	MONICA GRIMALDI	Cole Information
	MONICA LAO	Cole Information
	MONICA MULLEN	Cole Information
	MOREAU BRIAN	Cole Information
	MORGAN DUBOIS	Cole Information
	MUAEEN OBADI	Cole Information
	NADDER FAWAZ	Cole Information
	NADIA HO	Cole Information
	NAHID MOKNAT	Cole Information
	NANCY KRAMER	Cole Information
	NATHANAEL LENART	Cole Information
	NAVANJOT BATTH	Cole Information

FINDINGS

Year	Uses	Source
2020	NAVISH DADIGHAT	Cole Information
	NEENA DASS	Cole Information
	NEENA DAVIS	Cole Information
	NEGAR GHAHRAMANI	Cole Information
	NICHOLAS SERRANO	Cole Information
	NICK DUARTE	Cole Information
	NICOLE BERGGREN	Cole Information
	NICOLE CURRY	Cole Information
	NICOLE DUPUIS	Cole Information
	NINA SCHAUER	Cole Information
	OMAR ALWATTAR	Cole Information
	PAM STEELE	Cole Information
	PAMELA DIMSHO	Cole Information
	PARKER SANKEY	Cole Information
	PATRICK MCDEVITT	Cole Information
	PATRICK REINEKE	Cole Information
	PAUL BALALIS	Cole Information
	PAUL DORSEY	Cole Information
	PAUL REILLY	Cole Information
	PAUL RUSCH	Cole Information
	PAUL SIEWIERSKI	Cole Information
	PEI TSAI	Cole Information
	PETER KOURES	Cole Information
	PHD SHINDE	Cole Information
	PHD SONG	Cole Information
	PHIL SWIFT	Cole Information
	PHILLIP GRAY	Cole Information
	PIA BANERJI	Cole Information
	PIA SUMMEROUR	Cole Information
	PIERRE SAMSON	Cole Information
	PINA CECCARELLI	Cole Information
	RACHEL TOEPFER	Cole Information

FINDINGS

Year	Uses	Source
2020	RACHID KARAM	Cole Information
	RANA KOLTA	Cole Information
	RANDY MILLS	Cole Information
	RAQUEL ROSS	Cole Information
	RASHMI MODY	Cole Information
	RASHMI MSBME	Cole Information
	RASHMI SHAH-MODY	Cole Information
	REBECCA GRAZIANO	Cole Information
	REBECCA MLSASCPSBB	Cole Information
	REBECCA MLSSBB	Cole Information
	REGINA ROEDER	Cole Information
	RHONDA PH	Cole Information
	RICHARD SREY	Cole Information
	RISHONA LAVY	Cole Information
	RITTER HAGADORN	Cole Information
	RJ KING	Cole Information
	ROBERT GUIGLEY	Cole Information
	ROBERT HOINESS	Cole Information
	ROBERT HUETHER	Cole Information
	ROBERT MACHALE	Cole Information
	ROBINA SMITH	Cole Information
	ROLINA DESAI	Cole Information
	ROSALIE THIESSEN	Cole Information
	ROSALINDA MENA	Cole Information
	RUBY OBRIEN	Cole Information
	RUSSELL TALLEY	Cole Information
	RYAN PHILLIPS	Cole Information
	RYAN RENE	Cole Information
	RYNE STOVER	Cole Information
	SABITA SANKAR	Cole Information
	SAM FAHMIE	Cole Information
	SAM MARTIN	Cole Information

FINDINGS

Year	Uses	Source
2020	SAMANTHA CHOU	Cole Information
	SAMANTHA KAPHEIM-SCANTLEN	Cole Information
	SAMANTHA KING	Cole Information
	SAMIN SAJAN	Cole Information
	SAMUEL GIARDINA	Cole Information
	SAMUEL JEFFERS	Cole Information
	SAMUEL TORNEY	Cole Information
	SANDRA KATO	Cole Information
	SARA SEIDLER	Cole Information
	SARA WIENKE	Cole Information
	SARA WILLETT	Cole Information
	SARAH CAMPIAN	Cole Information
	SARAH COMPSON	Cole Information
	SARAH FRANKLIN	Cole Information
	SARAH MITCHELL	Cole Information
	SARAH OGDEN	Cole Information
	SCOT DREW	Cole Information
	SCOTT DAVIDSON	Cole Information
	SCOTT WATTERS	Cole Information
	SEAN ORFILA	Cole Information
	SEBASTIEN MARCQ	Cole Information
	SELVI PALANIAPPAN	Cole Information
	SEONG CHA	Cole Information
	SERGIO ALVARADO	Cole Information
	SHA PHD	Cole Information
	SHA TANG	Cole Information
	SHANE MILLER	Cole Information
	SHANE SCHISSLER	Cole Information
	SHANIECE WOODS	Cole Information
	SHANNON KALSOW	Cole Information
	SHARON GINGER	Cole Information
	SHAWN GORDA	Cole Information

FINDINGS

Year	Uses	Source
2020	SHEETAL KHANNA	Cole Information
	SHEILA ZWIESELE	Cole Information
	SHELA LEE	Cole Information
	SHELA TO	Cole Information
	SHELLY GALASINSKI	Cole Information
	SHERRY DADGAR	Cole Information
	SHINDE DEEPALI	Cole Information
	SHUWEI LI	Cole Information
	SIMI SOROOSH	Cole Information
	SINEAD HAWKER	Cole Information
	SINEAD HORGAN	Cole Information
	SIRAK YOSIEF	Cole Information
	SITAO WU	Cole Information
	SOROUSH SAMADIAN	Cole Information
	SOURAT DARABI	Cole Information
	SPEARE VIRGINIA	Cole Information
	SRIJANI SRIDHAR	Cole Information
	STACY VECCHIO	Cole Information
	STEPHANIE GUTIERREZ	Cole Information
	STEPHANY CONNOR	Cole Information
	STEVE SWANSON	Cole Information
	STEVEN BORRERO	Cole Information
	STEVEN MCCRAY	Cole Information
	STEVEN MUAWAD	Cole Information
	SUH CATHERINE	Cole Information
	SUSAN BICKNER	Cole Information
	SUSAN TOOMEY	Cole Information
	SUSANNA VICTOR	Cole Information
	SUSANNE FOX	Cole Information
	SWATI MISHRA	Cole Information
	SWATI SHAH	Cole Information
	SYLVIA CHEN	Cole Information

FINDINGS

Year	Uses	Source
2020	TAMERON HARVELL	Cole Information
	TARA ABEND	Cole Information
	TAYLOR CHRISPELL	Cole Information
	TAYLOR MURRAY	Cole Information
	TED HANIK	Cole Information
	TEDDY NAVARRO	Cole Information
	TEHILA NESS	Cole Information
	TESSA FRICKE	Cole Information
	THOMAS COPENHAVER	Cole Information
	THOMAS GNIELINSKI	Cole Information
	THOMAS LOWERRE	Cole Information
	TIANA ADAMS	Cole Information
	TIANA PA-C	Cole Information
	TIFFANY AU	Cole Information
	TIM KELLEHER	Cole Information
	TODD MORGAN	Cole Information
	TORYE COOKE	Cole Information
	TRACY HENDERSON	Cole Information
	TRACY SAJADY	Cole Information
	TREGG SPOLAR	Cole Information
	TRENT DEVENISH	Cole Information
	TRICIA ADAMS	Cole Information
	TRICIA ZION	Cole Information
	TRIPTI PAUDYAL	Cole Information
	TYLER LANDRITH	Cole Information
	USSWINNA ITTIMEYKIN	Cole Information
	VANESSA BAWROSKI	Cole Information
	VANESSA QUINN	Cole Information
	VAYEDEN BLAKE	Cole Information
	VICKIE HSUAN	Cole Information
	VICTOR GATUS	Cole Information
	VICTORIA COSTELLO	Cole Information

FINDINGS

Year	Uses	Source
2020	VINUTHA SAMETH	Cole Information
	VIRGINIA CHAN	Cole Information
	VIRGINIA ESCAMILLA	Cole Information
	VRUTI MEHTA	Cole Information
	WEI GUO	Cole Information
	WEN LIANG	Cole Information
	WILLIE FRANCISCO	Cole Information
	WON RHEE	Cole Information
	WYCKOFF GARTH	Cole Information
	YENZER CHRISTINE	Cole Information
	YING LI	Cole Information
	YIVANNA NUNEZ	Cole Information
	YUAN TIAN	Cole Information
	YURIY SHEVCHENKO	Cole Information
	YVETTE ROSE VILLAFUERTE	Cole Information
	ZAC EATON	Cole Information
	ZACH JENSEN	Cole Information
	ZAHRA SADEGHI	Cole Information
	ZOE POWIS	Cole Information
	AMBRY GENETICS CORP	EDR Digital Archive
	CENTON ELECTRONICS INC	EDR Digital Archive
	G S L D HOLDINGS LLC	EDR Digital Archive
2014	AMBRY GENETICS	Cole Information
	AMBRY GENETICS CORPORATION	Cole Information
2010	CENTON ELECTRONICS INC	Cole Information
	GREENCO SERVICES INC	Cole Information
2005	ARBONNE INTL	Cole Information
	CENTON ELECTRONICS INC	Cole Information
2002	ARBONNEINTLINC	Haines Company
2000	E FITZGIBBON	Cole Information
1997	ARBONNE INTERNATIONAL INC	Pacific Bell
1995	ARBONNE INTERNATIONAL INC	Cole Information

Year	Uses	Source
1992	KAMINARI	Cole Information
	PROGRAMMING TECH	Cole Information
	KAMINARI	Pacific Bell
	NORD LETH ASSOCIATES	Pacific Bell
	PROGRAMMING	Pacific Bell
	TECHNOLOGY	Pacific Bell

ARGONAUT DR

15 ARGONAUT DR

Year	Uses	Source
2002	ARBONNEINTLINC	Haines Company

ARGONAUT ST

15 ARGONAUT ST

Year	Uses	Source
1997	ARBONNE INTERNATIONAL INC	Pacific Bell

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

ALISO CREEK RD

23002 ALISO CREEK RD

Year	Uses	Source
2020	CARL'S JR	EDR Digital Archive

23011 ALISO CREEK RD

Year	Uses	Source
1991	Brunschwig & Fils Inc	Pacific Bell
	Taylor Michael Designs	Pacific Bell

23022 ALISO CREEK RD

Year	Uses	Source
2020	CHEVRON USA INC	EDR Digital Archive
	ATM	EDR Digital Archive
2014	CHEVRON STATION EXTRA MILE ALISO VIE	Cole Information
	CHEVRON	Cole Information
2010	CHEVRON	Cole Information
2005	CHEVRON STATIONS INC	Cole Information
2002	CHEVRON USA	Haines Company
1997	CHEVRON USA	Pacific Bell
1995	CHEVRON USA INC	Cole Information
1992	CHEVRON USA	Pacific Bell

ARGONAUT

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Year	Uses	Source
2020	AMERICAN FUTURE TRADING	EDR Digital Archive
	AG INVESTMENT GROUP LLC	EDR Digital Archive
	DANCE PALACE	EDR Digital Archive
	WELLFIT SOLUTIONS 360	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	AZARIAN US GYMNASTICS	EDR Digital Archive
	EDMUND OCONNOR	Cole Information
	JENNIFER MCCARNEY	Cole Information
	MICHELLE SPROTT	Cole Information
	MONICA THEIS	Cole Information
	KRASSI VARBANOVA	Cole Information
	ALAN RAY	Cole Information
	RACHEL BUNETTA	Cole Information
	HOPE LITTON	Cole Information
	MICHAEL VALDEZ	Cole Information
	ASHLEY CHATMAN	Cole Information
	HANNAH BOELTS	Cole Information
	ANDREA CANTRELL	Cole Information
	AZARIAN MARINA	Cole Information
	ADAM YOUNG	Cole Information
	TIM KLEMPNAUER	Cole Information
	EMILY VALDEZ	Cole Information
	KELLY CASH	Cole Information
	HANNA CHRISTIAN	Cole Information
	MACKENZIE BRYNER	Cole Information
	EDUARD AZARIAN	Cole Information
	HOPE HANSON	Cole Information
	PERRY DAVIES	Cole Information
	ERIKA PURTELL	Cole Information
2014	AMERICAN FUTURE TRADING	Cole Information
	TOY COLLECTORS EXCHANGE	Cole Information
	AZARIAN U S GYMNASTICS	Cole Information
	SIMMONS WILLIAM	Cole Information
	U S GYMNASTICS TRAINING	Cole Information
2010	TOY COLLECTORS EXCHANGE	Cole Information
	AZARIAN US GYMNASTICS	Cole Information
2005	VRS	Cole Information

FINDINGS

Year	Uses	Source
2005	US GYMNASTICS TRAINING CENTER	Cole Information
	AMERICAN FUTURE TRADING	Cole Information
	KLEMPNAUER ENTERPRISES	Cole Information
	BABY LEAGUE INC	Cole Information
1992	200 NATURAL WHITE INC	Pacific Bell
	SIMMONS, WILLIAM	Cole Information
	NATURAL WHITE INC	Cole Information
	BABY LEAGUE	Cole Information
	NATL GYMNASTICS CTR	Cole Information

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Year	Uses	Source
2014	C CHAPMAN	Cole Information

3 ARGONAUT

Year	Uses	Source
1995	ROSALIND RICHARDS CORP	Cole Information
1992	AUTOTECH SPORT TUNING	Pacific Bell
	AUTOTECH SPORT TUNG	Cole Information

5 ARGONAUT

Year	Uses	Source
2020	BELLA B BODYCARE INC	EDR Digital Archive
	BELLA BRANDS INC	EDR Digital Archive
	AKTIVE LIFESTYLES INC	EDR Digital Archive
	JACKSON LIM	Cole Information
	JON HARB	Cole Information
	LIN STEVE	Cole Information
	ERNIE CANEZ	Cole Information
	SHANNON DIPADOVA	Cole Information
2014	BELLA BODYCARE INC	Cole Information
2010	TIMOLINO LIMITED	Cole Information
2005	TIMOLINO LTD	Cole Information
	DRINKWARES COM INC	Cole Information

Year	Uses	Source
1995	PETER C DAVID CO	Cole Information
	NATIONAL GYMNASTICS TRAINING	Cole Information
1992	PETER C DAVID CO	Pacific Bell
	PETER C DAVID CO	Cole Information

Argonaut

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Year	Uses	Source
2020	4TH & PORTERO INVEST LLC	EDR Digital Archive
	NATIONAL FINANCIAL LENDING	EDR Digital Archive
2010	POINT CENTER FINANCIAL	Cole Information
1995	SCREENING SYSTEMS INC	Cole Information
1992	SCREENING SYSTEMS INC	Pacific Bell
	SCREENING SYSTEMS	Cole Information

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Year	Uses	Source
2020	SURF INDUSTRY MFR ASSN	EDR Digital Archive
	CCAV CELEBRATION CHURCH	EDR Digital Archive
	AMERICAN TRIM	EDR Digital Archive
	FIRST WORLD FINANCIAL	EDR Digital Archive
	INCEPTUS MEDICAL LLC	EDR Digital Archive
	BRIAN COX	Cole Information
	LORRAINE SPALLINA	Cole Information
	CLAUDIO PLAZA	Cole Information
	RICK QUICK	Cole Information
	TOM MITCHELL	Cole Information
	GREG ULRICH	Cole Information
2014	ANTIQUE AMERICAN INDIAN ART	Cole Information
	INCEPTUS MEDICAL LLC	Cole Information
	CCAV CELEBRATION CHURCH	Cole Information
	AMERICAN TRIM	Cole Information
	CAFE ALISO	Cole Information

FINDINGS

Year	Uses	Source
2010	TRAYLOR PAPERS	Cole Information
	SURF INDUSTRY MFRS ASSN	Cole Information
	VINCENT D LIFESTYLE	Cole Information
	DISTINCTIVE DESIGNS IN IRON	Cole Information
	CAFE ALISO	Cole Information
	REALSURE	Cole Information
	AMERICAN TRIM	Cole Information
2005	FIRST WORLD REAL ESTATE	Cole Information
	L H F ENTERPRISES INC	Cole Information
	FIRST WORLD FINANCIAL INC	Cole Information
	TRUESPEED WIRELESS INC	Cole Information
	CAFE ALISO	Cole Information
	LEADING EDGE BROADBAND	Cole Information
	FWF HOME LOANS	Cole Information
1995	SPILLMANN, KONRAD	Cole Information
	AMERICAN SPEEDY PRINTING CTR	Cole Information
	DEANNA MARIES CUSTOM UPHLSTRY	Cole Information
	PRICE POINT MICRO TECHNOLOGIES	Cole Information
1992	AMERICAN SPEEDY PRINTING	Pacific Bell
	CENTERS OF LAGUNA	Pacific Bell
	CENTERS OF LAGUNA	Pacific Bell
	100 DYNAMIC ELECTRONICS	Pacific Bell
	130 SURFACE MOUNT	Pacific Bell
	SPECIALTIES SMS	Pacific Bell
	170 DEANNA MARIES	Pacific Bell
	CUSTOM DRAPERIES & UPHOLSTERY	Pacific Bell
	180 J fS SANDWICH SHOP	Pacific Bell
	SURFACE MNT SPCLTY	Cole Information
	AMER SPEEDY PRNTG	Cole Information
	J QS SANDWICH SHOP	Cole Information
	SIGN PROS	Cole Information

FINDINGS

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Year	Uses	Source
2020	NICHOLAS LABORATORIES LLC	EDR Digital Archive
	JOCKIMO INC	EDR Digital Archive
2014	AZTEC COMPONENTS	Cole Information
2005	SQUARE ONE BRANDS INC	Cole Information
2000	DANA WATSON	Cole Information
1995	DEL MAR MACHINERY INC	Cole Information
	HUNTER GRAPHICS INC	Cole Information
1992	HUNTER GRAPHICS INC	Pacific Bell
	HUNTER GRAPHICS INC	Pacific Bell
	B LANDMAN CO	Pacific Bell
	LANDMAN CO	Cole Information
	HUNTER GRAPHICS INC	Cole Information

ARGONAUT

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Year	Uses	Source
2020	VERTEX LINEAR	EDR Digital Archive
	MOTION SOLUTIONS	EDR Digital Archive
	MASOOD ASGARIFAR	Cole Information
	MICHAEL KADLEC	Cole Information
	LULUBELLE PAGADOR	Cole Information
	JANESSA CROSTHWAITE	Cole Information
	CATRIONA LUND	Cole Information
	DANIEL BICKERSTAFF	Cole Information
	BOB GIBBS	Cole Information
	KIRK STROBEL	Cole Information
	MIKE TOMIN	Cole Information
	PETE MATULICH	Cole Information
	GRIFFIN KING	Cole Information
	TOMMY RAYE	Cole Information
	PETER HOFFMAN	Cole Information

FINDINGS

Year	Uses	Source
2020	CASEY COVEY	Cole Information
	JOE JURIC	Cole Information
	ROSE DILAN	Cole Information
	CHRIS OLSEN	Cole Information
	SHAWN HAKIM	Cole Information
	TRACY SUMMERS	Cole Information
	JIM SINGLETARY	Cole Information
	KIM ABEL	Cole Information
	SAMANTHA CELANI	Cole Information
	LAWRENCE FLORESCA	Cole Information
	FRANCINE JUTEAU	Cole Information
	SIDDHANTH DHUME	Cole Information
	GREG FORD	Cole Information
	DAVID BRADLEY	Cole Information
	KEN SMITH	Cole Information
	SCOTT OCHS	Cole Information
	FRANK PAULSEN	Cole Information
	CASSY JOHNSON	Cole Information
	SYNDEE DUTTON	Cole Information
	RODRIGO ALDACO	Cole Information
	GERRIT HARKNESS	Cole Information
	BLAKE NELSON	Cole Information
	HAROLD KATZ	Cole Information
	NUNYA STEWART	Cole Information
	JACOB GINDI	Cole Information
	MARK SHAFFER	Cole Information
	BRIAN LEE	Cole Information
	ELIZABETH GORDON	Cole Information
	HENRY KIM	Cole Information
	AUDRA COLE	Cole Information
	BOB UHLER	Cole Information
	HENRY MARTINEZ	Cole Information

FINDINGS

Year	Uses	Source
2020	KURT KLEIFGEN	Cole Information
	MIKE BERGUM	Cole Information
	MARY BROOKING	Cole Information
	MARK HORNBECK	Cole Information
	FRANCIS PHAM	Cole Information
	DAVE SHAW	Cole Information
	SCOTT DEPENBROK	Cole Information
	ERIC HORNE	Cole Information
	JOE UHRIG	Cole Information
	BILL LACKEY	Cole Information
	BILL SAUNDERS	Cole Information
	LAN TRAN	Cole Information
	DARLENE LUCERO	Cole Information
	MIKE KIBORT	Cole Information
	PANDA CHAND	Cole Information
	VINCENT CIPOLLA	Cole Information
	NIKA DAROUI	Cole Information
	SANDY WALKER	Cole Information
	DIANA FLEENOR	Cole Information
	GREG PEREZ	Cole Information
	BANG PHAM	Cole Information
	ALEX POLO	Cole Information
	DEBBIE NEWMAN	Cole Information
	WALLY LOGAN	Cole Information
	RICH RAU	Cole Information
	SEBASTIAN DELGADO	Cole Information
2014	BEARING ENGINEERS INC	Cole Information
2010	BEARING ENGINEERS INC	Cole Information
2005	BEARING ENGINEERS INC	Cole Information
1995	BEARING ENGINEERS INC	Cole Information
1992	BEARING ENGINEERS INC	Pacific Bell
	BEARING ENGINEERS	Cole Information

FINDINGS

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Year	Uses	Source
2020	CLEAR SCREENING INC	EDR Digital Archive
	GLOBAL GENES	EDR Digital Archive
	RARE-X	EDR Digital Archive
	DEVON PFEIL	Cole Information
	CINDY LUX-REID	Cole Information
	TRAVIS VONBARTHELD	Cole Information
	CHAD SPAIDE	Cole Information
	NICOLE GILCHRIST	Cole Information
	SHERYL ZUNIGA	Cole Information
	JAYMIE RODEMS	Cole Information
	MAURINA SOLIS	Cole Information
	STEPHANIE FISCHER	Cole Information
	ILANA JACQUELINE	Cole Information
	LAURA BORRUSO	Cole Information
	KRISTIN SOTO	Cole Information
	MICHAEL COLE	Cole Information
	MEREDITH CAGLE	Cole Information
	PAUL OLEA	Cole Information
	TRAVIS VON	Cole Information
	SULLY MISKINYAR	Cole Information
	MOLLIE MCLAUGHLIN	Cole Information
	NICOLE BOICE	Cole Information
	DENISE MANRIQUEZ	Cole Information
	DAVID STRANGE	Cole Information
	CHERYL ZUNIGA	Cole Information
2014	BENEFIT SOURCE INSURANCE	Cole Information
	BENEFITSOURCE	Cole Information
	CONSUMER TERMITE CONTROL INC	Cole Information
2010	SOLE SOURCE TECHNOLOGY LLC	Cole Information
	ARMA ASSET MANAGEMENT	Cole Information
	HAGEMEISTER	Cole Information

Year	Uses	Source
2010	CONSUMER TERMITE CONTROL INC	Cole Information
	KLEAR SCREENING INC	Cole Information
	CLEAR SCREENING INC	Cole Information
	HANSCHE TY	Cole Information
2005	J T M TECHNOLOGY INC	Cole Information
	TRADER PUBLISHING	Cole Information
	SYNERGY ELECTRONICS	Cole Information
	SOURCE 4 ELECTRONICS	Cole Information
	CONSUMER TERMITE CONTROL INC	Cole Information
	IBIZLINK INC	Cole Information
	NET MICRO TECH	Cole Information
2000	LEO LOPAS	Cole Information
1995	BUILDERS SHOWCASE INTERIORS	Cole Information
	CONSUMER TERMITE CONTROL INC	Cole Information
1992	BEARING ENGINEERS INC	Pacific Bell
	100 BUILDERS SHOWCASE	Pacific Bell
	INTERIORS	Pacific Bell
	120 CONSUMER TERMITE	Pacific Bell
	CONTROL INC	Pacific Bell
	130 MATCHLESS GIFTS	Pacific Bell
	DISTRIBUTORS	Pacific Bell
	PRODUCTS INC	Pacific Bell
	CONSMR TRMT CONTROL	Cole Information
	BUILDERS SHOWCASE	Cole Information
	FUTURE VIDEO PRDCTS	Cole Information

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Year	Uses	Source
2020	WAYMON GOCH	Cole Information
2014	S & K TOWING INC	Cole Information
	SNK TOWING	Cole Information
	CHURCH & DWIGHT CO INC	Cole Information
2005	INTEGRAF CORP	Cole Information

Year	Uses	Source
1995	INTEGRAF	Cole Information
1992	INTEGRAF	Pacific Bell
	INTEGRAF	Cole Information

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Year	Uses	Source
2020	K L MADDUX INC	EDR Digital Archive
	HADLEY BRETT G DO	EDR Digital Archive
	ID GEAR INC	EDR Digital Archive
	PARA TECH COATING INC	EDR Digital Archive
	PELTEK INC	EDR Digital Archive
	METAL IMPROVEMENT CO LLC	EDR Digital Archive
	SCOTT VANDEWEGHE	Cole Information
	ROBERT DEACON	Cole Information
	ALEX NAVARRO	Cole Information
	TIFFANY BROOKHART	Cole Information
	TOM WALKER	Cole Information
	JENNIFER PYLE	Cole Information
	ERIKA PARTIDA	Cole Information
	PAUL STEWART	Cole Information
	TIM TEFFETELLER	Cole Information
	TIM GROOM	Cole Information
	CINDY TOLUAO	Cole Information
	KEN WATKINS	Cole Information
	MONICA MARTINEZ	Cole Information
	JOE BENKO	Cole Information
2014	ID GEAR INC	Cole Information
	NICOLAI & NUTH	Cole Information
	PARA TECH COATING INC	Cole Information
2010	PELTEK INC	Cole Information
	J & P ELECTRIC INC	Cole Information
	NUTH & NICOLAI	Cole Information
	I D GEAR INC	Cole Information

FINDINGS

Year	Uses	Source
2010	DANBERG DEVELOPMENT INC	Cole Information
	PARA TECH COATING INC	Cole Information
	ONTI CONSTRUCTION CO	Cole Information
	RATESOURCE	Cole Information
2005	ID GEAR INC	Cole Information
	NICOLAI & NUTH DENTAL LABS	Cole Information
	J & P ELECTRIC INC	Cole Information
	OLINDA STORAGE LLC	Cole Information
	PICTURE PERFECT LIGHTING & DESIGN	Cole Information
	FIRST NAMES FIRST	Cole Information
	AUSTRAL ENGINEERING PARTNER	Cole Information
	PELTEK INC	Cole Information
1995	IMPACT SOUTHERN CALIF INC	Cole Information
	FLETCHER ANDRUS DEVELOPMENT	Cole Information
	CHIPCO WEST	Cole Information
	NUTH & NICOLAI	Cole Information
	PARA TECH COATING CO	Cole Information
1992	INTEGRAF	Pacific Bell
	AI PARA TECH COATING CO	Pacific Bell
	A 2 NUTH & NICOLAI	Pacific Bell
	82 FLETCHER ANDRUS	Pacific Bell
	DEVELOPMENT CORP	Pacific Bell
	B 2 IMPACT SOUTHERN	Pacific Bell
	CALIF INC	Pacific Bell
	PELTEK	Cole Information
	FLETCHER A DEVLP	Cole Information
	IMPACT SOUTHERN CA	Cole Information
	NUTH&NICOLAI	Cole Information
	PARA TECH COATING	Cole Information

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Year	Uses	Source
2020	PSA REAL ESTATE LLC	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	TRIBE ACE LLC	EDR Digital Archive
	SURVIVALGEARSHOP.COM	EDR Digital Archive
	MAC FLOORING INC	EDR Digital Archive
	GRIFFCON INC	EDR Digital Archive
	JORDANA BERZANSKY	Cole Information
	JOSH DENTRY	Cole Information
	ANGELINA MARTINEZ	Cole Information
	CYNTHIA TESSIN	Cole Information
	CHRIS GRONLUND	Cole Information
	KELLE GRIFFITTS	Cole Information
	ABNER ZOOK	Cole Information
2014	GRIFFCON INCORP	Cole Information
2010	INTEGRATED REAL EST RESOURCES	Cole Information
	GRIFFCON INC	Cole Information
	LASTING INTERIORS	Cole Information
2005	LAGUNA OFFICE EQUIPMENT INC	Cole Information
	ALL STAR DUGOUT	Cole Information
	GRIFFCON INC	Cole Information
2000	SELMA WICKS	Cole Information
1995	LANSIS COOMUNICATIONS INC	Cole Information
	KOLL CO	Cole Information
1992	CALIF INC	Pacific Bell
	120 DEL MAR MACHINERY	Pacific Bell
	140 FIRST SOURCE	Pacific Bell
	INTERNATL	Pacific Bell
	150 LIGHTNING	Pacific Bell
	COMMUNICATIONS INC	Pacific Bell
	180 MILEHAM R WILLIAM LA	Pacific Bell
	TIMES DEALER	Pacific Bell
	MILEHAM R WILLIAM	Cole Information
	FIRST SOURCE INTL	Cole Information
	LIGHTNING CMNCTN	Cole Information

FINDINGS

Year	Uses	Source
1992	DEL MAR MACHINERY	Cole Information
	LANSIS COMMNCTNS	Cole Information

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Year	Uses	Source
2014	SEABREEZE MANAGEMENT COMPANY	Cole Information
	STEVEN DOZE	Cole Information
2010	NETBUY	Cole Information
	SEABREEZE MANAGEMENT	Cole Information
2005	SEABREEZE MANAGEMENT CO	Cole Information
	GLENWOOD VILLAGE COMMUNITY ASSOCIATI	Cole Information
	BELL COURT HILL ASSOCS	Cole Information
	STEVEN DOZE	Cole Information
1995	NETWORK SOFTWARE ASSOC INC	Cole Information
1992	NETWORK SOFTWARE	Pacific Bell
	ASSOC INC	Pacific Bell
	NETWORK SOFTWRE ASC	Cole Information

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Year	Uses	Source
2020	CHRISTOPHER HARGROVE	Cole Information
	THOMAS MATHEWS	Cole Information
	COREY DOUTHETT	Cole Information
	JAMES MCP	Cole Information
	MARONYA VAROS	Cole Information
	JAMES LOGAN	Cole Information
	BENJAMIN COLE	Cole Information
	BRANDON OVERSTREET	Cole Information
	SHAWNA SCHAFFNER	Cole Information
	DREW WHITE	Cole Information
	BRENDA TAYLOR	Cole Information
	BRYON LIANG	Cole Information
	LOIS DONELSON	Cole Information

FINDINGS

Year	Uses	Source
2020	JONI SMITH	Cole Information
	KRYSTYN CONTERO	Cole Information
	JASON DE GUZMAN	Cole Information
	DAVID LINECK	Cole Information
	MICAH CLARK	Cole Information
	TAMARA LEMPIAINEN	Cole Information
	JEFF MOHR	Cole Information
	KATHLEEN CRUM	Cole Information
	JOHN GILBERT	Cole Information
	KEVIN CULBERTSON	Cole Information
	KYLE LONG	Cole Information
	JENN MCQUADE	Cole Information
	JOSHUA FARNHAM	Cole Information
	JEAN BAUGH	Cole Information
	CHRIS MUKUL	Cole Information
	JESSICA KNIGHT	Cole Information
	ROYAL CACAL	Cole Information
	ABIGAIL BERGEN	Cole Information
	DEAN DEL	Cole Information
	IAN NELSON	Cole Information
	DEL KRAY	Cole Information
	SOREN IVERSON	Cole Information
	SHEILA BATALLA	Cole Information
	KRISTINA GULINO	Cole Information
	CHAD DUNCAN	Cole Information
	MANNY USMANI	Cole Information
	TRENELLE LYISCOTT	Cole Information
	JAMES SCIACQUA	Cole Information
	JAN COLBERT	Cole Information
	TAYLOR BENNETT	Cole Information
	MAX PAGE	Cole Information
	STEPHANIE GILBERT	Cole Information

FINDINGS

Year	Uses	Source
2020	JAYSON HINES	Cole Information
	DANIEL KRIEF	Cole Information
	PAUL SHAVER	Cole Information
	PHU PHAN	Cole Information
	ELIZABETH IBARRA	Cole Information
	BRIAN WRIGHT	Cole Information
	REMINGTON MCELHANEY	Cole Information
	AISHA BRENT	Cole Information
	JOEL TAYLOR	Cole Information
	CHRISTOPHER EDWARDS	Cole Information
	TIM WARDCHOW	Cole Information
	DANIEL MATHURIN	Cole Information
	CONNIE COLE	Cole Information
	AUSTIN RANSON	Cole Information
	SPENCER COBB	Cole Information
	DAVID STINSON	Cole Information
	RAQUEL BULOSAN	Cole Information
	CHRISTOPHER WEIGELE	Cole Information
	RUSSELL MEDCALF	Cole Information
	CYNTHIA WESSELS	Cole Information
	ARTHUR NEUMANN	Cole Information
	THOMAS POND	Cole Information
	HUNTER PALMER	Cole Information
	BYRON BOUGH	Cole Information
	ERNEST MENDOZA	Cole Information
	ROBERT GAVAGNIE	Cole Information
	DAVID CULBERTSON	Cole Information
	JEANETTE KUNS	Cole Information
	HYUNG LIM	Cole Information
	PATTY MOSES	Cole Information
	NATE RUPPLE	Cole Information
	MATTHEW MARTIN	Cole Information

FINDINGS

Year	Uses	Source
2020	JENNIE BRAZEL	Cole Information
	BOBBIE BALDWIN	Cole Information
	GINGER NEIL	Cole Information
	CHERYL SCHRODER	Cole Information
	ELIZABETH WATKINS	Cole Information
	GORDON RASKIN	Cole Information
	KIMBER GORDON	Cole Information
	LAURA LAFLAMME	Cole Information
	TAYLOR RAE	Cole Information
	MOHAMMAD FAKHIR	Cole Information
	PAUL SLEMMER	Cole Information
	PAUL COPELAND	Cole Information
	JANET MILLER	Cole Information
	MICHELLE COLSTON	Cole Information
	BRIAN GALUSKA	Cole Information
	JASON CREAGER	Cole Information
	GERRELYNN CRAWFORD	Cole Information
	BAILEY NAAS	Cole Information
	DAVID GRIJALVA	Cole Information
	BOB MATOSSIAN	Cole Information
	MARTHA DANIEL	Cole Information
	RYAN HUTCHISON	Cole Information
	JOSHUA INZER	Cole Information
	JASON CYREE	Cole Information
	CLIFFORD HARRIS	Cole Information
	ANDREW GERRARD	Cole Information
	MICHAEL PHILLIPS	Cole Information
	DAVID BAKER	Cole Information
	KEITH FRALEY	Cole Information
	THERESA FLOYD	Cole Information
	PETE FURZE	Cole Information
	KYLER CALLAWAY	Cole Information

FINDINGS

Year	Uses	Source
2020	MARONYA SCHARF	Cole Information
	MITCHELL GRIFFITH	Cole Information
	MONICA JONES	Cole Information
	JESSE KOELZER	Cole Information
	PATRICK RIDENOUR	Cole Information
	MARK VELASCO	Cole Information
	JOEL FAGERHAUG	Cole Information
	CAROL FULTON	Cole Information
	GREGORY RICHARDSON	Cole Information
	SHANNON PALMER	Cole Information
	CELESTINA ATTAH	Cole Information
	RUSS COGDELL	Cole Information
	GREG RAMOS	Cole Information
	AMBER FONTS	Cole Information
	ANTHONY BAUCUM	Cole Information
	BLAIR SAMMONS	Cole Information
	ANDREW SCHUNDLER	Cole Information
	CRUM KATHLEEN	Cole Information
	DAVID DEPUTY	Cole Information
	JAWAD KERDOUDI	Cole Information
2014	WCH DEVELOPMENT	Cole Information
	ACTIONABLE RESEARCH	Cole Information
	TINNELLY RICHARD A ATTY	Cole Information
	SEA COAST FUNDING	Cole Information
	AL FRANK ASSET MANAGEMENT INC	Cole Information
	THOMAS STACHOWSKY	Cole Information
	RICHARD TINNELLY	Cole Information
2010	CULBERTSON ADAMS & ASSOC INC	Cole Information
	TRIMARK PACIFIC HOMES	Cole Information
	GROUP IV INTL	Cole Information
	RICHARD A TINNELLY LAW OFFICES	Cole Information
2005	CULBERTSON ADAMS & ASSOCS INC	Cole Information

FINDINGS

Year	Uses	Source
2005	THE LAW OFFICE OF ANDRIETTE COLBERTS	Cole Information
	SPARTAN INTERIORS	Cole Information
	CLEAR CHANNEL OUTDOOR	Cole Information
	FIRST AMERICAN CAPITAL R E S INC	Cole Information
	HEALTH LINK INSURANCE SOLUTION	Cole Information
	TINNELLY RICHARD A	Cole Information
	HEALTH LINK INSURANCE SLTN	Cole Information
	COMPETINGLOANS	Cole Information
	CCI	Cole Information
	NEIGHBORHOOD INC	Cole Information
	MTX EPS INC	Cole Information
	PROCTOR VALLEY WEST PARTNERS LLC	Cole Information
	MICHAEL LEFEVRE	Cole Information
	NEIGHBORHOOD LANE	Cole Information
	RICHARD TINNELLY	Cole Information
1995	CITGO PETROLEUM CORP	Cole Information
	OWEN PROPERTIES INC	Cole Information
	JAMES W SMITH ASSOC	Cole Information
	BOB WOODWORTH & ASSOC	Cole Information
	BART ESTERLEY INSURANCE INC	Cole Information
	ORANGE COUNTY DESIGN CTR	Cole Information
	CULBERTSON ADAMS & ASSOC INC	Cole Information
	MEDIA SHOP	Cole Information
	FIRE MARK INSURANCE BROKERS	Cole Information
	PHASE ONE INC	Cole Information
	OKLAHOMA DEPARTMENT COMMERCE	Cole Information
	CALITEX CONSTRUCTION & ENGRNG	Cole Information
	KATHRYN G THOMPSON CONSTR CO	Cole Information
	WIVIOTT CO	Cole Information
	DAVID, STEARN	Cole Information
1992	CALITEX CONSTRUCTION & ENGINEERING	Pacific Bell

FINDINGS

Year	Uses	Source
1992	THOMPSON KATHRYN G CONSTRUCTION CO	Pacific Bell
	A & C PROPERTIES INC	Pacific Bell
	OKLAHOMA DEPT OF	Pacific Bell
	COMMERCE	Pacific Bell
	A & C PROPERTIES INC	Pacific Bell
	A & C PROPERTIES INC	Pacific Bell
	100 ORANGE COUNTY	Pacific Bell
	DESIGN CENTER	Pacific Bell
	140 FIRE MARK INSURANCE	Pacific Bell
	BROKERS	Pacific Bell
	140 ESTERLEY E BART	Pacific Bell
	INSURANCE INC	Pacific Bell
	150 CITGO PETROLEUM	Pacific Bell
	210 SMITH JAMES W	Pacific Bell
	ASSOCIATES	Pacific Bell
	210 OWEN PROPERTIES INC	Pacific Bell
	220 CULBERTSON ADAMS & ASSOCIATES INC	Pacific Bell
	OWEN PROPERTIES INC	Cole Information
	CITGO PETROLEUM	Cole Information
	THOMPSON KATHRYN G	Cole Information
	FIRE MARK INS BRKRS	Cole Information
	ORANGE CO DESIGN CT	Cole Information
	SMITH JAMES W ASSOC	Cole Information
	A&C PROPERTIES INC	Cole Information
	CALITEX CONST&ENGRG	Cole Information
	WIVIOTT COMPANY THE	Cole Information
	CULBERTSON ADAMS	Cole Information
	OK DEPT OF COMMERCE	Cole Information

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Year	Uses	Source
2020	UC ADVANTAGE	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	CONSUMER LEGAL SOLUTIONS INC	EDR Digital Archive
	OKONSKI MICHELE A	EDR Digital Archive
	MARINA RANCH CHRISTIAN CHURCH	EDR Digital Archive
	PACIFIC PINEAPPLE	EDR Digital Archive
	HANSCHE TY AGT	EDR Digital Archive
	BBM ONLINE INC	EDR Digital Archive
	ONLINE CONSULTING AGENCY	EDR Digital Archive
	BODY RENEWAL MASSAGE	EDR Digital Archive
	DE LUCIO ALYCIA RN	EDR Digital Archive
	BIRTH CHOICE PREGNANCY CTR	EDR Digital Archive
	BENEFIT SOURCE	EDR Digital Archive
	PIXEL FILM STUDIOS	EDR Digital Archive
	HANIX INTERNATIONAL USA INC	EDR Digital Archive
	WHITE SANDS PRODUCTS INC	EDR Digital Archive
	DON EMDE PRODUCTIONS	EDR Digital Archive
	IZUMI AMERICA INC	EDR Digital Archive
	ALISO CREEK CHIROPRACTIC	EDR Digital Archive
	MANCUSO KENNEDY RSTRNT HLDNGS	EDR Digital Archive
	SOLE SOURCE TECHNOLOGY LLC	EDR Digital Archive
	CLEARSCREENING.COM	EDR Digital Archive
	FIRM FOUNDATION HR	EDR Digital Archive
	SERVICE CENTER	EDR Digital Archive
	IMSXY	EDR Digital Archive
	O C R-MAX	EDR Digital Archive
	META SOLAR	EDR Digital Archive
	AXIS PROJECT MANAGEMENT LLC	EDR Digital Archive
	SOURCE MARKETING BIZ	EDR Digital Archive
	OBJECT PHARMA INC	EDR Digital Archive
	MAXIM MARKETING CORP	EDR Digital Archive
	ELLIS TAYLOR K DPT	EDR Digital Archive
	PURE PEDIATRIC THERAPY	EDR Digital Archive
	LENDER FUNNEL	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	SULLY MISKINYAR	Cole Information
	SHAH GHANBARI	Cole Information
	JASON HYNEK	Cole Information
	ABIGAIL MACDOUGALL	Cole Information
	JUSTIN COHEN	Cole Information
	MYRANDA SCHIPPOREIT	Cole Information
	VALERIE CHITTY	Cole Information
	SCOTT DAUGHERTY	Cole Information
	CURT CANALES	Cole Information
	HAZEL MARIN	Cole Information
	MASON IBARRA	Cole Information
	KIMBERLY BOWCUTT	Cole Information
	CATHERINE SUBAGYO	Cole Information
	TRAVIS VON BARTHELD	Cole Information
	BOB NENNINGER	Cole Information
	JAY MAHONEY	Cole Information
	KELLY PIEROPAN	Cole Information
	TERRY FUNK	Cole Information
	TONY GLASER	Cole Information
	KATRINA CLARK	Cole Information
	JACOB ZAHLIS	Cole Information
	DIEDRE SMITH	Cole Information
	GRACIE DURAN	Cole Information
	JENNIFER EMDE	Cole Information
	GARY ACOSTA	Cole Information
	BRAD BARTTELS	Cole Information
	ABHISHEK BHATT	Cole Information
	NICOLE GILCHRIST	Cole Information
	JAMES TRAYNOR	Cole Information
	ERIC HOPKINS	Cole Information
	BRAD GRELL	Cole Information
	KUL BHUSHAN	Cole Information

FINDINGS

Year	Uses	Source
2020	CHRISTIAAN HILE	Cole Information
	VAN SIMMONS	Cole Information
	JOSH ROACHE	Cole Information
	VERNA GOODLOE	Cole Information
	RACHELLE RICHTER	Cole Information
	KIMBERLY WOOD	Cole Information
	ALAN RAOUF	Cole Information
	KIERSTEN SKOV	Cole Information
	PHILLIP TSUNODA	Cole Information
	MELISSA CAPPELLO	Cole Information
	KRISHA JOLLEY	Cole Information
	JIM BONE	Cole Information
	BRIAN DEAN	Cole Information
	AUTUMN CALLIER	Cole Information
	RHONDA HYNEK	Cole Information
2014	PIXEL FILM STUDIOS	Cole Information
	JU DENTAL LABORATORY INC	Cole Information
	INFINITY MARKETING GROUP INC	Cole Information
	DON EMDE PRODUCTIONS	Cole Information
	STUDIO PAD	Cole Information
	MIX MARKETING	Cole Information
	VARGA MEDIA SOLUTIONS INCORPORATED	Cole Information
	BIRTH CHOICE PREGNANCY CENTERS	Cole Information
	ALISO CREEK CHIROPRACTIC	Cole Information
	SOLE SOURCE TECHNOLOGY LLC	Cole Information
	TRUE SPEED WIRELESS	Cole Information
	DHALLA CPA A PPROFESSIONAL CORP	Cole Information
	MAXIM CO	Cole Information
	KELLY MORTGAGE & REALTY	Cole Information
2010	SEISMIC SOLUTIONS	Cole Information
	DATATEK INTERNATIONAL	Cole Information
	WAVETEC	Cole Information

FINDINGS

Year	Uses	Source
2010	TECH FACTORY	Cole Information
	ALISO CREEK CHIROPRACTIC	Cole Information
	AMERICAN MEMORY CORP	Cole Information
	VERANDA FINANCIAL INC	Cole Information
	IMATRIX SOFTWARE	Cole Information
	TONERWORLDCOM	Cole Information
	HILL GRAPHICS	Cole Information
	MAXIM MARKETING CORP	Cole Information
	DON EMDE PRODUCTIONS	Cole Information
	INTEGRITY FUTURES GROUP	Cole Information
	TRUESPEED WIRELESS	Cole Information
	VARGA MEDIA SOLUTIONS INC	Cole Information
	BENEFITSOURCE	Cole Information
	LISTA INTERNATIONAL	Cole Information
	TRUE SPEED WIRELESS	Cole Information
2005	ERIC HOPKINS CPA	Cole Information
	NTI	Cole Information
	GROUP DELTA CONSULTANTS INC	Cole Information
	NATIONWIDE MORTGAGE	Cole Information
	HORTON & RYAN INC	Cole Information
	TRANSPAC TECHNOLOGY INC	Cole Information
	ALISO PIX	Cole Information
	N A NATIONWIDE MORTGAGE CORP	Cole Information
	DATATEK COMPONENTS INC	Cole Information
	GLOBAL EPOINT	Cole Information
	DATA RESEACH SYSTEMS INC	Cole Information
	RSB PHOTO	Cole Information
	AMERICAN MEMORY CORP	Cole Information
	ANNIS STEVEN DC	Cole Information
	HOMEPRO	Cole Information
	MADIBA INC	Cole Information
	NATIONWIDE REAL ESTATE	Cole Information

FINDINGS

Year	Uses	Source
2005	DENISE CAMPBELL	Cole Information
	DATA TECH INTERNATIONAL	Cole Information
	LORDS MEN INC	Cole Information
	ANTHONY RATHER	Cole Information
	NEWTECH INTERNATIONAL INC	Cole Information
	ALISO CREEK CHIROPRACTIC CENTER	Cole Information
	CADDIS PROPERTIES	Cole Information
	MILLENIUM MORTGAGE SOLUTIONS	Cole Information
	ASPEN BUSINESS SERVICES	Cole Information
	AMERICAN BENEFIT FINANCE	Cole Information
	MADIBA CONSULTING INC	Cole Information
	CITATION PUBLISHING INC	Cole Information
	DISTRIBUTED POWER SERVICES	Cole Information
	JOEY L MOONEY DC	Cole Information
	21ST CENTURY INNOVATIONS INC	Cole Information
	JEFF VOLLMER	Cole Information
	STEVEN ANNIS	Cole Information
2000	21ST CENTURY INNOVATIONS INCORPORATED	Cole Information
	STEVEN ANNIS	Cole Information
	SARAH BARTLETT	Cole Information
1995	AOT INC	Cole Information
	COUNTY RECORDING SVC	Cole Information
	DATATEK INTERNATIONAL	Cole Information
	ALISO CREEK CHIROPRACTIC CTR	Cole Information
	ACCU SCAN INC	Cole Information
	RCN PRODUCTS INC	Cole Information
	21ST CENTURY INNOVATIONS INC	Cole Information
	SAFEWAY STORES INC	Cole Information
	DECORATING DEN	Cole Information
	BONNKE REINHARD MINISTRIES	Cole Information
	ANNIS, STEVEN	Cole Information
1992	CALVARY CHAPEL OF	Pacific Bell

FINDINGS

Year	Uses	Source
1992	LAGUNA HILLS	Pacific Bell
	LAGUNA HILLS	Pacific Bell
	100 BONNKE REINHARD	Pacific Bell
	MINISTRIES	Pacific Bell
	150 KOLL COMPANY THE	Pacific Bell
	CHIROPRACTIC	Pacific Bell
	CENTER	Pacific Bell
	180 DATATEK	Pacific Bell
	INTERNATIONAL	Pacific Bell
	TECHNOLOGIES INC	Pacific Bell
	205 SAFEWAY INC PRODUCE	Pacific Bell
	BUYING	Pacific Bell
	215 DECORATING DEN	Pacific Bell
	DIVISIONAL OFFICE	Pacific Bell
	235 COUNTY RECORDING	Pacific Bell
	SERVICE	Pacific Bell
	240 ALLIANCE GROUP THE	Pacific Bell
	245 ACCUSCAN INC	Pacific Bell
	250 COMPU DEAL CORP	Pacific Bell
	255 PHASE ONE INC	Pacific Bell
	260 AUDIT GROUP LTD THE	Pacific Bell
	265 NEWLAND BENEFIT	Pacific Bell
	INSURANCE SERVICES	Pacific Bell
	265 JACKSON DAVE	Pacific Bell
	INNOVATIONS INC	Pacific Bell
	275 RCN PRODUCTS INC	Pacific Bell
	ANNIS STEVEN DC	Cole Information
	SAFEWAY PRDCE BUYNG	Cole Information
	KOLL COMPANY THE	Cole Information
	DATATEK INTERNATL	Cole Information
	COMPU DEAL CORP	Cole Information
	R C N PRODUCTS INC	Cole Information

Year	Uses	Source
1992	ALLIANCE GROUP THE	Cole Information
	AUDIT GROUP LTD THE	Cole Information
	BONNKE REINHARD	Cole Information
	CODENOLL TCHNLGY	Cole Information
	R F SHEA CO	Cole Information
	NEWLAND BENEFT INS	Cole Information
	CALVARY CHPL	Cole Information
	STATE FARM INS AGNT	Cole Information
	COUNTY RECORDING SV	Cole Information
	PHASE ONE INC	Cole Information
	ACCUSCAN INC	Cole Information
	DECORATING DEN	Cole Information
	21ST CNTRY INNOVATN	Cole Information
	JACKSON, DAVE	Cole Information
	ANNIS, STEVEN	Cole Information

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Year	Uses	Source
1992	GENEVA SYSTEMS THE	Cole Information

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Year	Uses	Source
2020	AUSSIE PET MOBILE	EDR Digital Archive
	WILSONS JEWELERS	EDR Digital Archive
	PARAMOUNT BED USA	EDR Digital Archive
	CITADEL SERVICING CORP	EDR Digital Archive
	JOYSTAR TRAVEL	EDR Digital Archive
	FIDELIS MEDICAL PARTNERS	EDR Digital Archive
	IPAYABLES INC	EDR Digital Archive
	PACIFIC SUN FINANCIAL CORP	EDR Digital Archive
	ALISO VIEJO COMM ASSOC	EDR Digital Archive
	MNET HEALTH INC	EDR Digital Archive
	M NET FINANCIAL	EDR Digital Archive
	BILLWISE INC	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	PRESCRIBEWELLNESS LLC	EDR Digital Archive
	MNET FINANCIAL INC	EDR Digital Archive
	CROWN ACQUISITIONS	EDR Digital Archive
	JIM MARTIN	Cole Information
	LAUREN OCONNER	Cole Information
	EVELYNN KERN	Cole Information
	JACOB DIMICK	Cole Information
	NATHAN BARRAGAN	Cole Information
	ELISSA VAN	Cole Information
	SCOTT MCKEON	Cole Information
	DARYL FOWLER	Cole Information
	ILEENE TREJO	Cole Information
	TOM GORSKI	Cole Information
	DOUG MCDANIEL	Cole Information
	HOLLY HEITMANN	Cole Information
	BRIDGETTE ALVAREZ	Cole Information
	SULMA BARRERA	Cole Information
	ADAM VARGULICK	Cole Information
	ADAM LEVIN	Cole Information
	PAUL MARIANI	Cole Information
	CHAD RASMUSSEN	Cole Information
	SARA TEHRANI	Cole Information
	KRISTINA LAKE	Cole Information
	PHILLIP SETTLES	Cole Information
	ANDREW LAMPRECHT	Cole Information
	SHAE WILLES	Cole Information
	NAHALEH DOROUDIAN	Cole Information
	CHRISTY METZLER	Cole Information
	DIANA HAROLDSEN	Cole Information
	YESSENIA MUNOZ	Cole Information
	JOHN BRUBAKER	Cole Information
	MARGOT MILLER	Cole Information

FINDINGS

Year	Uses	Source
2020	PARIS ACOSTA	Cole Information
	BILL PERKINS	Cole Information
	ROBBY BEZNER	Cole Information
	KATHLEEN MOWERS	Cole Information
	KENNETH MEANY	Cole Information
	JORDAN DOOLIN	Cole Information
	TARAH BRINKERHOFF	Cole Information
	KRISTINE QUEEN	Cole Information
	DAVE CHENEY	Cole Information
	RANJIV CHOUDHARY	Cole Information
	BRENDA MATA	Cole Information
	LEANNE SGUARAKIS	Cole Information
	BRAD KOLLAR	Cole Information
	JOHN ALANA	Cole Information
	JAMES CLAWSON	Cole Information
	DANIEL BURGENER	Cole Information
	ERIN BEAN	Cole Information
	MELISSA CHUNG	Cole Information
	MITCH FISHER	Cole Information
	SKYLAR HAWS	Cole Information
	SHANNON BARROWMAN	Cole Information
	KATY DRESSLER	Cole Information
	LAUREN RUSSO	Cole Information
	AARON AKZIN	Cole Information
	TOM CARROLL	Cole Information
	FERNANDO LUGO	Cole Information
	KIRK ELLIOTT	Cole Information
	KYLEE DAVIS	Cole Information
	TIM EVERSOLE	Cole Information
	ELISSA VAN MARTER	Cole Information
	SPENCER BIGLER	Cole Information
	TERRY MCDANIEL	Cole Information

FINDINGS

Year	Uses	Source
2020	LAUREN ARLINGTON	Cole Information
	SUMMER GATES	Cole Information
	KARLEEN WING	Cole Information
	JOSHUA HANSEN	Cole Information
	ANDREW MECHAM	Cole Information
	VIRIDIANA CHOW	Cole Information
	KELCIE FERREIRA	Cole Information
	DAVE HARDEE	Cole Information
	DANIEL BRISCO	Cole Information
	ALLISON KERINS	Cole Information
	ALPHONSE SASSO	Cole Information
	QUINTEN BRADY	Cole Information
	JEREMY ALGER	Cole Information
	SEPI MCDONNELL	Cole Information
	PETER DESANTO	Cole Information
	DAVID DEKKER	Cole Information
	DAVID HARDEE	Cole Information
	MEGAN KENNEDY	Cole Information
	DOUGLAS MCDANIEL	Cole Information
	STEVE JOHANSSON	Cole Information
	CHRIS MITCHELL	Cole Information
	JENNIFER WELSH	Cole Information
	EUGENE ODONNELL	Cole Information
	GODFREY DANIELS	Cole Information
	KC MUIR	Cole Information
	HANA PIERCE	Cole Information
2014	ESCROW AVENUE	Cole Information
	STATE FARM INSURANCE	Cole Information
	NORPAQ	Cole Information
	TOM GORSKI STATE FARM INSURANCE AG	Cole Information
	1ST CITY BANCORP	Cole Information
	MNET FINANCIAL	Cole Information

FINDINGS

Year	Uses	Source
2014	RPM LENDING	Cole Information
	JOYSTAR TRAVEL FAX LINE	Cole Information
	WALDROP INC	Cole Information
	IPAYABLES	Cole Information
	UNITY COMMUNITY CHURCH	Cole Information
	WORK WELL SYSTEMS INC	Cole Information
	RJC ACCOUNTANCY	Cole Information
	ALISO VIEJO COMM ASSOC	Cole Information
	AUSSIE PET MOBILE	Cole Information
2010	CROWN ACQUISITIONS	Cole Information
	WORK WELL SYSTEMS INC	Cole Information
	TRAVELSTAR INC	Cole Information
	PACIFIC SUN FINANCIAL CORP	Cole Information
	SMART CARD PROS	Cole Information
	HAGENUK USA	Cole Information
	JBA FINANCIAL GROUP	Cole Information
	JOYSTAR TRAVEL	Cole Information
	PACIFIC CROSSING LLC	Cole Information
	CYBERCODERS INC	Cole Information
	DCSE INC	Cole Information
	WYCORP	Cole Information
	RJC ACCOUNTANCY	Cole Information
	PASTA BRAVO INC	Cole Information
	BILLWISE INC	Cole Information
	FIRST CITY BANCORP	Cole Information
	STATE FARM INSURANCE	Cole Information
	DAVID BATES	Cole Information
2005	RPM LENDING	Cole Information
	AD MORTGAGE SERVICES INC	Cole Information
	ESCROW AVENUE INC	Cole Information
	PASTABRAVO	Cole Information
	MDR INC	Cole Information

FINDINGS

Year	Uses	Source
2005	MCDANIEL CONSTRUCTION	Cole Information
	VISION DIRECT MARKETING	Cole Information
	SKYNET TRACKING	Cole Information
	STIKS & COGLIANESE	Cole Information
	MCWILLIAMS FINANCIAL CORP	Cole Information
	UNITED AMERICAN BANCORP	Cole Information
	RATED	Cole Information
	TIMATED INC	Cole Information
	AMERICAN REALTY CAPITAL	Cole Information
	ZEAREL INC	Cole Information
	WORKWELL SYSTEMS INC	Cole Information
	ECOMMERCE PROCESSING	Cole Information
	PROFIT SYSTEMS INC	Cole Information
	SMART CARD PROFESSIONALS	Cole Information
	ADVANCED CHIROPRACTIC MANAGEMENT	Cole Information
	VISION DIRECT MARKETING	Cole Information
	WALDROP ENTERPRISES INC	Cole Information
	GREAT WESTERN HOME LOAN	Cole Information
	KWGC INC	Cole Information
	UNITED FUNDING GROUP INC	Cole Information
	ERA DREAM TEAM REALTY	Cole Information
	DIBA CONSULTING SOFTWARE ENGINEERS	Cole Information
	NATIONS CAPITAL	Cole Information
	TORINO GROUP INC	Cole Information
	GW CAPITAL GROUP COM	Cole Information
	PASTA BRAVO CORPORATE OFFICE	Cole Information
	MOONEY INSURANCE & INVESTMENTS	Cole Information
	FIRST CITY BANCORP	Cole Information
	MECHANICAL DYNAMICS	Cole Information
	DCSE INC	Cole Information
2000	TERRI REILLY	Cole Information
	M DICKS	Cole Information

FINDINGS

Year	Uses	Source
2000	C COGLIANESE	Cole Information
1995	EXPERTEC CORP	Cole Information
	AKZO CHEMICAL INC	Cole Information
	KYOCERA INDUSTRIAL CERAMICS	Cole Information
	LA BARRE OKSNEE INSURANCE	Cole Information
	RICHARD A TINNELLY LAW OFFICES	Cole Information
	LEGACY ELECTRONICS	Cole Information
	KYOCERA AMERICA INC	Cole Information
	LEGACY DEVELOPMENT CO	Cole Information
	CONSOLIDATED FUNDING INC	Cole Information
	SOUTH COAST REHABILITATION SVC	Cole Information
	SEA RIDGE COMMUNITY CHURCH	Cole Information
	TPF INTL INC	Cole Information
	DESIGN FACTOR	Cole Information
	ADMIRAL FINANCIAL SVC	Cole Information
	VARILEASE	Cole Information
	AMERICA FIRST RESIDENTIAL	Cole Information
	BRYAN, MARY B	Cole Information
1992	NEW CONCEPTS SYSTEMS	Pacific Bell
	FILE MARK CORP	Pacific Bell
	FILE MARK CORP	Pacific Bell
	105 ADMIRAL FINANCIAL	Pacific Bell
	SERVICES	Pacific Bell
	110 LA BARRE OKSNEE	Pacific Bell
	INSURANCE AGENCY	Pacific Bell
	PHARMACEUTICALS	Pacific Bell
	125 GENEVA SYSTEMS THE	Pacific Bell
	135 LEGACY DEVELOPMENT	Pacific Bell
	COMPANY	Pacific Bell
	135 ZOTOVICH STEPHEN & ASSOCIATES	Pacific Bell
	135 LEGACY HOME LOAN	Pacific Bell
	190 EXPERTEC CORP	Pacific Bell

FINDINGS

Year	Uses	Source
1992	190 W QUINN ASSOCIATES	Pacific Bell
	190 TPF INTERNATIONAL	Pacific Bell
	190 INTEGRATED CUSTOM	Pacific Bell
	SOFTWARE INC	Pacific Bell
	190 BD & T INC	Pacific Bell
	190 BD & T INC	Pacific Bell
	Contd	Pacific Bell
	190 TINNELLY RICHARD A	Pacific Bell
	190 LEGACY EXECUTIVE	Pacific Bell
	190 CONSOLIDATED	Pacific Bell
	FUNDING INC	Pacific Bell
	BEHAVIORAL HEALTH	Pacific Bell
	210 VARILEASE	Pacific Bell
	210 VARILEASE	Pacific Bell
	220 KYOCERA INDUSTRIAL	Pacific Bell
	CERAMIC CORP	Pacific Bell
	EXPERTEC CORP	Cole Information
	KYOCERA INDS CERAMC	Cole Information
	JORDAN PHARMACTCLS	Cole Information
	ZOTOVICH S&ASSOCTS	Cole Information
	ADMIRAL FNCL SERV	Cole Information
	W QUINN ASSOC INC	Cole Information
	LABARRE OKSNEE INS	Cole Information
	T P F INTERNATIONAL	Cole Information
	MERCHANT MEGASAVER	Cole Information
	FILE MARK CORP	Cole Information
	LEGACY DEVLP CO	Cole Information
	NEW CONCEPTS SYSTS	Cole Information
	TINNELLY RICHD ATTY	Cole Information
	VARILEASE	Cole Information
	B D&T INC	Cole Information
	SEARIDGE CMNTY CH	Cole Information

Year	Uses	Source
1992	I B H	Cole Information

ARGONAUT DR

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Year	Uses	Source
2002	NNOVATIONS INC	Haines Company
	ADVANCED MOVING	Haines Company
	SYSTEMS GYMNASTICS PARTIES	Haines Company
	PANAMVANUNSRYL	Haines Company
	MVNG&STRGE PANAMER VANLNS	Haines Company
	RYLMVG&STRG PAN AMERICAN ROYAL	Haines Company
	MOVING&STRG PAN AMERICAN ROYAL	Haines Company
	M 00 NG&STRGE PRECISION	Haines Company
	TECHNOLOGIES OSIMMONS Wiliam	Haines Company
	TOY COLLECTORS	Haines Company
	EXCHANGE USGYMNASTICS	Haines Company
	TRAINING CENTER	Haines Company
1992	Waldron Wayne	Pacific Bell
	A NATIONAL GYMNASTICS	Pacific Bell
	TRAINING CENTER INC	Pacific Bell
	A SIMMONS WILLIAM	Pacific Bell
	200 NATURAL WHITE INC	Pacific Bell

3 ARGONAUT DR

Year	Uses	Source
2002	XXXX	Haines Company

5 ARGONAUT DR

Year	Uses	Source
2002	GOUP DELTA	Haines Company
	CONSULTANTS JENNINGS HALDERMA	Haines Company
	N HOOD MADIBA CONSULTING	Haines Company
	MOONEYJOELDC	Haines Company
	NATIONWDE	Haines Company

Year	Uses	Source
2002	MORTGAGE NEWTECH	Haines Company
	INTERNATIONAL RSB	Haines Company
	REVENUE RECOVERY	Haines Company
	SERVICE INC THURMAN MARKETING	Haines Company
	SERVICES TRANSPAC	Haines Company
	TECHNOLOGY SOURCE WLEZIEN R LAWRENCE	Haines Company
1995	Peter C David Co	Pacific Bell

7 ARGONAUT DR

Year	Uses	Source
2002	SCREENINGSYSTEMS	Haines Company

8 ARGONAUT DR

Year	Uses	Source
2002	CAFE ALSO	Haines Company
	EPICO	Haines Company
	EPICO	Haines Company
	EPICO	Haines Company
	BSTSHOCKS	Haines Company

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Year	Uses	Source
1992	Waldron Wayne	Pacific Bell

21 ARGONAUT DR

Year	Uses	Source
2002	AZTEC COMPONENTS	Haines Company
	INC DIMENSIONSIN	Haines Company
	SCREEN PRINTING DIMENSIONSIN	Haines Company
	SCREEN PRINTING ET 10 UETFEAMERICA	Haines Company
	OHUNTERAleo	Haines Company
	ONE 3 TWOINC	Haines Company

FINDINGS

27 ARGONAUT DR

Year	Uses	Source
2002	BEARING ENGINEERS	Haines Company

29 ARGONAUT DR

Year	Uses	Source
2002	ALISODVIEJO REALTY	Haines Company
	COSMR TERMITE	Haines Company
	CONTROL INC PRINTAMERICA	Haines Company
	SYNERGY s	Haines Company
	ELECTRONICS	Haines Company
	TDPROPERTIES	Haines Company
	TD PROPERTIES	Haines Company
	TRADER PUBLISHING	Haines Company
	EMPLYMNT OE	Haines Company

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Year	Uses	Source
2002	SPEARING John	Haines Company
	INTEGRAF	Haines Company

35 ARGONAUT DR

Year	Uses	Source
2002	DIABLOVALLEY	Haines Company
	PACKAGING INC J&P ELECTRIC INC	Haines Company
	NICOLAI&NUTH	Haines Company
	PARATECH COATING	Haines Company
	PELTEKINC	Haines Company
	ARATESOURCE	Haines Company
	RATESOURCE	Haines Company

36 ARGONAUT DR

Year	Uses	Source
2002	ACCME GASKETS LLC	Haines Company
	ALLSTARDUGOUT	Haines Company
	BULLET MANAGEMENT	Haines Company

Year	Uses	Source
2002	HOME FINISHES	Haines Company
	SPECTRUM BUSINESS	Haines Company
	CENTERS	Haines Company

39 ARGONAUT DR

Year	Uses	Source
2002	A 2 TEC	Haines Company
	AZTECCOMPONENTS	Haines Company
	INC AZTECINC	Haines Company
	SEABREEZE	Haines Company
	MANAGEMENT	Haines Company

85 ARGONAUT DR

Year	Uses	Source
2002	BUILDING a C I SOKA UNIVERSITY	Haines Company
	PROJECTS	Haines Company
	CULBERTSON ADAMS 949 581 2 B	Haines Company
	KYOCERAINDUSTRIAL	Haines Company
	CRMCS CORP LABAARRE&OKSNEE	Haines Company
	INC LABARRE&OKSNEE	Haines Company
	INC r ABARRE&OKSNEE	Haines Company
	INC LABARBE&OKSNEE	Haines Company
	INSURANCE AG SEA COAST FUNDING	Haines Company
	TINNELLY RICHARD A	Haines Company
	ATTY TRIMABK PACIFIC	Haines Company
	HOMES	Haines Company

92 ARGONAUT DR

Year	Uses	Source
2002	BUILDING r ALISO CREEK	Haines Company
	CHIROPRACTIC CTR AMERMEMORY CORP	Haines Company
	ANNIS STEVEN DC	Haines Company
	C&NESTSOLUTIONS	Haines Company
	CNETSOLUTIONS	Haines Company

FINDINGS

Year	Uses	Source
2002	COMPUTING	Haines Company
	NEWS 5 REVIEW CDATASYSTEMSWEST	Haines Company
	DATATEKINTERNATL	Haines Company
	GATEWAY FUNDING	Haines Company
1995	William Scott Enterpr Ises	Pacific Bell
1991	Creative Photography	Pacific Bell

93 ARGONAUT DR

Year	Uses	Source
2002	XXXX	Haines Company

95 ARGONAUT DR

Year	Uses	Source
2002	BUILDING BRITANNICMARITIME	Haines Company
	INC COAST REALTY	Haines Company
	COGLIANESE	Haines Company
	CHRISTOPHER ATi Y CUMMINGS	Haines Company
	ADVERTISINGSDESIGN CYBER CODERS	Haines Company
	DICKS MICHAEL D	Haines Company
	ATTY DICKS&COGLIANESEA	Haines Company
	PC IVEEMETRIX	Haines Company
	JAMILAGIDA	Haines Company
	NOWDOCS	Haines Company
	PAC MORTGAGE	Haines Company
	FINANCIAL PACSUNFINANCIAL	Haines Company
	CORP PASTABRAVO INC	Haines Company
	PRECISIONREALTY	Haines Company
	FINANCE PROFIT PLUS INC	Haines Company
	PROFITSYSTEMSINC	Haines Company
	REILLYTERRI	Haines Company
	REMEDYSOFT	Haines Company
	RUBICON REALTY	Haines Company
	CAPITAL SAFETZONE	Haines Company
	SUNHEALTHCARE	Haines Company

Year	Uses	Source
2002	GROUP THERAPY INTERNATL	Haines Company
	USAINCHAGENUK	Haines Company

ARGONAUT ST

1 ARGONAUT ST

Year	Uses	Source
1997	BABY LEAGUE	Pacific Bell
	A SIMMONS WILLIAM	Pacific Bell
	250 VETERINARY RELIEF SERVICES	Pacific Bell

5 ARGONAUT ST

Year	Uses	Source
1997	A NATIONAL GYMNASTICS TRAINING CENTER INC	Pacific Bell
	250 HOMEWORK HELPERS	Pacific Bell

7 ARGONAUT ST

Year	Uses	Source
1997	SCREENING SYSTEMS INC	Pacific Bell

8 ARGONAUT ST

Year	Uses	Source
1997	100 AMERICAN	Pacific Bell
	ASSOCIATION OF INDEPENDENT	Pacific Bell
	140 RST SHOCKS	Pacific Bell
	160 AMERICAN MARTIAL	Pacific Bell
	ART ATHLETIC ACADEMY	Pacific Bell
	170 SAJEN LABORATORIES INC	Pacific Bell
	180 J QS SANDWICH SHOP	Pacific Bell

21 ARGONAUT ST

Year	Uses	Source
1997	DIMENSIONS IN SCREEN PRINTING	Pacific Bell
	A ETla UETTE AMERICA	Pacific Bell
	8 DEL MAR MACHINERY INC	Pacific Bell

FINDINGS

27 ARGONAUT ST

Year	Uses	Source
1997	BEARING ENGINEERS INC	Pacific Bell

28 ARGONAUT ST

Year	Uses	Source
1997	SYNERGY MICRO TECHNOLOGIES	Pacific Bell
	120 CONSUMER TERMITE CONTROL INC	Pacific Bell
	150 FUTURE VIDEO PRODUCTS INC	Pacific Bell

31 ARGONAUT ST

Year	Uses	Source
1997	1 NTEGRAF	Pacific Bell

35 ARGONAUT ST

Year	Uses	Source
1997	AI PARA TECH COATING INC	Pacific Bell
	A 2 NUTH & NICOLAI	Pacific Bell
	82 J & P ELECTRIC INC	Pacific Bell
	82 DIABLO VALLEY PACKAGING INC	Pacific Bell
	B 2 RATESOURCE	Pacific Bell
	82 IMPACT SOUTHERN CALIF INC	Pacific Bell

36 ARGONAUT ST

Year	Uses	Source
1997	100 ABACUS DESIGN & DEVELOPMENT INC	Pacific Bell
	130 SPECTRUM BUSINESS CENTERS	Pacific Bell
	150 MATCHLESS GIFTS DISTRIBUTORS	Pacific Bell
	170 LG SEMICON AMERICA INC	Pacific Bell

39 ARGONAUT ST

Year	Uses	Source
1997	B BAG STAND CO INC THE	Pacific Bell
	B ON TWO WHEELS ENTERTAINMENT INC	Pacific Bell

FINDINGS

85 ARGONAUT ST

Year	Uses	Source
1997	100 TINNELLY RICHARD	Pacific Bell
	110 LA BARRE OKSNEE INSURANCE AGENCY	Pacific Bell
	120 MARKETSOURCE CORP	Pacific Bell
	140 ENGLISH DAMCO SALES CO INC	Pacific Bell
	Contd	Pacific Bell
	150 CITGO PETROLEUM CORP	Pacific Bell
	170 FARNSWORTH GROUP	Pacific Bell
	190 PHASE ONE INC	Pacific Bell
	200 PACIFIC GATEWAY HOMES	Pacific Bell
	205 PARKER PROPERTIES INC	Pacific Bell
	205 CUSTOM DISTINCTIONS	Pacific Bell
	205 LEHMAN JERRY	Pacific Bell
	205 DIGITAL INTEGRATED SYSTEMS	Pacific Bell
	210 MALLMEDIA NETWORK	Pacific Bell
	220 CULBERTSON ADAMS & ASSOCIATES INC	Pacific Bell

92 ARGONAUT ST

Year	Uses	Source
1997	JLC ASSOCIATES	Pacific Bell
	IMAGE N THAT	Pacific Bell
	100 BRANCH G D	Pacific Bell
	CHIROPRACTIC CENTER	Pacific Bell
	120 STERNSCHUPPE	Pacific Bell
	140 WORLDNET COMPUTERS	Pacific Bell
	160 AMERICAN MEMORY CORP	Pacific Bell
	180 DATATEK INTERNATIONAL	Pacific Bell
	205 SAFEWAY INC PRODUCE BUYING	Pacific Bell
	210 TRANSPAC	Pacific Bell
	TECHNOLOGY SOURCE	Pacific Bell
	225 SHERMAN DON ASSOCIATES	Pacific Bell
	225 S K AND COMPANY	Pacific Bell

Year	Uses	Source
1997	235 LAWRENCE R WLEZIEN INC	Pacific Bell
	240 N J PRODUCTS INC	Pacific Bell
	245 MICRO HOUSE SOLUTION	Pacific Bell
	270 21ST CENTURY INNOVATIONS INC	Pacific Bell
	275 RCN PRODUCTS INC	Pacific Bell

95 ARGONAUT ST

Year	Uses	Source
1997	THERAPY INTERNATL	Pacific Bell
	RCM VENTURES INC	Pacific Bell
	PRECISION REALTY FINANCE	Pacific Bell
	RCM VENTURES INC	Pacific Bell
	RCM VENTURES INC	Pacific Bell
	100 SOUTH COAST	Pacific Bell
	REHABILITATION SERVICES	Pacific Bell
	100 SOUTH COAST	Pacific Bell
	REHABILITATION SERVICES	Pacific Bell
	105 QUIGLEY INS SERVICES INC	Pacific Bell
	115 PASTABRAVOINC	Pacific Bell
	200 DKS CONSTRUCTION	Pacific Bell
	200 THOMPSON KATHRYN G COMPANIES	Pacific Bell
	215 GRADY & DICKS	Pacific Bell
	220 KYOCERA INDUSTRIAL CERAMICS CORP	Pacific Bell

ARGONAUT STE 110

92 ARGONAUT STE 110

Year	Uses	Source
2020	STEVEN ANNIS	Cole Information

ARGONAUT STE 220

92 ARGONAUT STE 220

Year	Uses	Source
2020	REBECCA ENNIS	Cole Information

FINDINGS

ARGONAUT STE C

1 ARGONAUT STE C

Year	Uses	Source
2020	WILLIAM SIMMONS	Cole Information

BROOKLINE LN

1 BROOKLINE LN

Year	Uses	Source
2002	RVINE	Haines Company
	WEALTH CODE	Haines Company
	STOFF Gregory	Haines Company
1995	Brookhollow Office Park	Pacific Bell

2 BROOKLINE LN

Year	Uses	Source
2002	DOUGLASM	Haines Company
1980	Fairfield Sterling D	Pacific Telephone

3 BROOKLINE LN

Year	Uses	Source
2002	BRIGHT David	Haines Company
	KIRKTim	Haines Company

PLAYA CIR

66 PLAYA CIR

Year	Uses	Source
2020	JONATHAN PANKOW	Cole Information
	KAREN PANKOW	Cole Information
	BETTY HOSLER	Cole Information
2014	JASON HOSLER	Cole Information

67 PLAYA CIR

Year	Uses	Source
2020	SHISHIR SRIVASTAVA	Cole Information
	SHIREEN SHANKAR	Cole Information

FINDINGS

Year	Uses	Source
2014	GISCARD NURIADY	Cole Information

68 PLAYA CIR

Year	Uses	Source
2020	BRIAN SONICO	Cole Information
	KIMBERLY SONICO	Cole Information
2014	BRIAN SONICO	Cole Information

69 PLAYA CIR

Year	Uses	Source
2020	TINA NGUYEN	Cole Information
	SON TRAN	Cole Information
	HAELEY TRAN	Cole Information
2014	TINA NGUYEN	Cole Information

70 PLAYA CIR

Year	Uses	Source
2020	SAEED JOLGHAZI	Cole Information
	KIMBERLY CARDOZA	Cole Information
2014	KIMBERLY CARDOZA	Cole Information

71 PLAYA CIR

Year	Uses	Source
2020	ROSTIN TEHRANIAN	Cole Information
	ROUZBEH TEHRANIAN	Cole Information
	SHAHLA TEHRANIAN	Cole Information
	MOHAMAD TEHRANIAN	Cole Information
2014	TODD GALLEGOS	Cole Information

72 PLAYA CIR

Year	Uses	Source
2020	CHRISTINA THARP	Cole Information
	VIVIEN FANG	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information

FINDINGS

73 PLAYA CIR

Year	Uses	Source
2014	ALLAN ONEIL	Cole Information
2010	TINA PAULEY	Cole Information

74 PLAYA CIR

Year	Uses	Source
2020	JAMSHID MARKHALE	Cole Information
2014	ALFONSO BENAVIDEZ	Cole Information
2010	CHRISTOPHER HOWELL	Cole Information

75 PLAYA CIR

Year	Uses	Source
2020	LINDA COMPOSITOR	Cole Information
	MICHAEL PRICE	Cole Information
2014	JOSEPH COMPOSITOR	Cole Information
2010	LINDA COMPOSITOR	Cole Information

76 PLAYA CIR

Year	Uses	Source
2020	CARRIE MARQUEZ	Cole Information
	LAWRENCE MARQUEZ	Cole Information
2014	LAWRENCE MARQUEZ	Cole Information
2010	LAWRENCE MARQUEZ	Cole Information

77 PLAYA CIR

Year	Uses	Source
2020	DAVID WHITNEY	Cole Information
2014	DAVID WHITNEY	Cole Information
2010	RYAN FRANKE	Cole Information

78 PLAYA CIR

Year	Uses	Source
2020	APARNA RANGANATHAN	Cole Information
2014	GEORGE CLEARY	Cole Information
2010	GEORGE CLEARY	Cole Information

FINDINGS

79 PLAYA CIR

Year	Uses	Source
2020	JAMES LIN	Cole Information
	CZARIN LIN	Cole Information
	CHAN CZARIN	Cole Information
	SCOTT FERER	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	JAMES LIN	Cole Information

80 PLAYA CIR

Year	Uses	Source
2014	RICHARD HSIAO	Cole Information
2010	RICHARD HSIAO	Cole Information

81 PLAYA CIR

Year	Uses	Source
2020	SHIRLEY FENN	Cole Information
	VEENA FENN	Cole Information
	ROBERT FENN	Cole Information
2014	ROBERT FENN	Cole Information
2010	KIMBERLY STUVER	Cole Information

82 PLAYA CIR

Year	Uses	Source
2020	AMELIA PRAHASTO	Cole Information
	DONNY PRAHASTO	Cole Information
2014	DONNY PRAHASTO	Cole Information
2010	WILDAN ANWAR	Cole Information
	DONNY PRAHASTO	Cole Information

83 PLAYA CIR

Year	Uses	Source
2020	GIANCARLO DELAGARZA	Cole Information
	SOFIA DELAGARZA	Cole Information
	SOFIA BAEZ	Cole Information
2014	GIANCARLO DELAGARZA	Cole Information

Year	Uses	Source
2010	GIANCARLO DELAGARZA	Cole Information

84 PLAYA CIR

Year	Uses	Source
2020	CHRIS STOLROW	Cole Information
2014	CHRISTOPHER STOLROW	Cole Information
2010	ANDREA STEPAN	Cole Information

85 PLAYA CIR

Year	Uses	Source
2020	WAYNE SLOMSKY	Cole Information
2014	JUAN SCIAMMARELLA	Cole Information
2010	JUAN SCIAMMARELLA	Cole Information

86 PLAYA CIR

Year	Uses	Source
2020	TIFFANY LE	Cole Information
	MAKSIM SLUKIN	Cole Information
	NATALIA SLUKINA	Cole Information
	TAMMY LE	Cole Information
2010	KIET LE	Cole Information

87 PLAYA CIR

Year	Uses	Source
2020	ANSELMA SICAT	Cole Information
	WILFREDO SICAT	Cole Information
2014	WILFREDO SICAT	Cole Information
2010	LUIS SORIANO	Cole Information

88 PLAYA CIR

Year	Uses	Source
2020	LYNN YUAN	Cole Information
	KAYLA NEREDITH	Cole Information
2014	DIANE LE	Cole Information
2010	DAMIAN DEBLIS	Cole Information

FINDINGS

89 PLAYA CIR

Year	Uses	Source
2020	MICHAEL GALLARDO	Cole Information
	GUILLERMINA GALLARDO	Cole Information
2014	TOM PHAM	Cole Information
	VINCENT SALINAS	Cole Information
2010	LISA TRAN	Cole Information

90 PLAYA CIR

Year	Uses	Source
2020	GEORGIO KASSIR	Cole Information
2014	ROSEMARY POLENSKI	Cole Information
2010	TIFFANY POLENSKI	Cole Information

91 PLAYA CIR

Year	Uses	Source
2020	ANTHONY SIOK	Cole Information
2014	ANTHONY SIOK	Cole Information

92 PLAYA CIR

Year	Uses	Source
2020	MYONGHO CHUNG	Cole Information
	SUN LEE	Cole Information
2014	SUN LEE	Cole Information
2010	MYONG CHUNG	Cole Information

93 PLAYA CIR

Year	Uses	Source
2020	YASMIN CUNANAN	Cole Information
2014	MARK PEPPING	Cole Information

94 PLAYA CIR

Year	Uses	Source
2020	AMY ARMOUR	Cole Information
	VENKATA KOTNANI	Cole Information
2014	JEFFREY ARMOUR	Cole Information

FINDINGS

95 PLAYA CIR

Year	Uses	Source
2020	JEIMAR SPELL	Cole Information
2014	DARRICK SIM	Cole Information

96 PLAYA CIR

Year	Uses	Source
2020	VIRGINIA LOPEZ	Cole Information
	MIKE DURAN	Cole Information
2014	MIKE DURAN	Cole Information

97 PLAYA CIR

Year	Uses	Source
2020	PATRICK GRIMM	Cole Information
2014	GARRET FRANK	Cole Information

98 PLAYA CIR

Year	Uses	Source
2020	ABEL WANG	Cole Information
	SUSAN HUANG	Cole Information
	CHEN HUANG	Cole Information
2014	CHEN HUANG	Cole Information

99 PLAYA CIR

Year	Uses	Source
2020	ELAINE ZHAO	Cole Information
2014	ELAINE ZHAO	Cole Information

100 PLAYA CIR

Year	Uses	Source
2014	BALINGIT JAMESON	Cole Information
	APRIL MYUNG	Cole Information
2010	JAMESON BALINGIT	Cole Information

101 PLAYA CIR

Year	Uses	Source
2020	ZACKARY RZEPKA	Cole Information

Year	Uses	Source
2020	ROGER RZEPKA	Cole Information
2014	SABRINA GORDON	Cole Information
	BILEK DAVID	Cole Information

102 PLAYA CIR

Year	Uses	Source
2020	JEFFREY TURNER	Cole Information
2014	MONTE MCCANNE	Cole Information
2010	MONTE MCCANNE	Cole Information

103 PLAYA CIR

Year	Uses	Source
2020	ERIN SOOS	Cole Information
	JACOB MUNNS	Cole Information
2014	ERIN SOOS	Cole Information
	JACOB MUNNS	Cole Information
2010	ERIN SOOS	Cole Information
	JACOB MUNNS	Cole Information

104 PLAYA CIR

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information

105 PLAYA CIR

Year	Uses	Source
2020	MARYAM O'LOUGHLIN	Cole Information
	SEAN O'LOUGHLIN	Cole Information
2014	ALFRED BREMER	Cole Information
2010	TIMOTHY RABBITT	Cole Information

106 PLAYA CIR

Year	Uses	Source
2020	LORI GARDNER	Cole Information
	MICHAEL GARDNER	Cole Information
2014	DAVID RODIBAUGH	Cole Information
2010	DAVID RODIBAUGH	Cole Information

FINDINGS

107 PLAYA CIR

Year	Uses	Source
2020	CHRISTOPHER JONES	Cole Information
2014	DAVID LARSON	Cole Information

108 PLAYA CIR

Year	Uses	Source
2020	MILES SMITH	Cole Information
2014	JASON MEDNICK	Cole Information

109 PLAYA CIR

Year	Uses	Source
2020	CHARMAINE ASHTON	Cole Information
2014	FREDRIK BOHMAN	Cole Information

110 PLAYA CIR

Year	Uses	Source
2020	JESSICA BECK	Cole Information
2014	JESSICA BECK	Cole Information

111 PLAYA CIR

Year	Uses	Source
2020	SCOTT STEINMETZ	Cole Information
2014	SCOTT STEINMETZ	Cole Information

112 PLAYA CIR

Year	Uses	Source
2020	HERMAN NAKAMURA	Cole Information
2014	HERMAN NAKAMURA	Cole Information

113 PLAYA CIR

Year	Uses	Source
2014	JOSE GODINEZ	Cole Information

114 PLAYA CIR

Year	Uses	Source
2020	JWEN DU	Cole Information
2014	RYAN ROSETE	Cole Information

FINDINGS

115 PLAYA CIR

Year	Uses	Source
2020	GUADALUPE BAZAN	Cole Information
2014	GUADALUPE BAZAN	Cole Information

116 PLAYA CIR

Year	Uses	Source
2020	JOY BLAND	Cole Information
	HOWARD BLAND	Cole Information
2014	HOWARD BLAND	Cole Information

117 PLAYA CIR

Year	Uses	Source
2020	CHRISTOPHER COOMBES	Cole Information
	TONY CHU	Cole Information
2014	TONY CHU	Cole Information

118 PLAYA CIR

Year	Uses	Source
2020	B-MAGICAL	EDR Digital Archive
	MIND-BODY MEDICINAE	EDR Digital Archive
2014	BULENT GUNDOGAR	Cole Information

119 PLAYA CIR

Year	Uses	Source
2020	ALAYNA SCHRADER	Cole Information
	YU QIN	Cole Information
	CLINT SCHRADER	Cole Information
2014	PEIWEN CHENG	Cole Information

120 PLAYA CIR

Year	Uses	Source
2020	ALYSSA WALKER	Cole Information
2014	ARLYSSA WALKER	Cole Information

FINDINGS

121 PLAYA CIR

Year	Uses	Source
2020	BEASLEY LAHNA	Cole Information
	STEPHANIE NATION	Cole Information
2014	JOHN GAMBLE	Cole Information
	CARA KERR	Cole Information

122 PLAYA CIR

Year	Uses	Source
2020	WILLIAM COWDELL	Cole Information
2014	TIMOTHY ROBINSON	Cole Information

123 PLAYA CIR

Year	Uses	Source
2020	EMA BAYANI	Cole Information
2014	EMA BAYANI	Cole Information

124 PLAYA CIR

Year	Uses	Source
2020	SYLVIA HEREDIA	Cole Information
	ANOUSH METCHIKIAN	Cole Information
2014	DUY NGUYEN	Cole Information

PLAYA CIR # Q

80 PLAYA CIR # Q

Year	Uses	Source
2020	RICHARD HSIAO	Cole Information

PLAYA CIR # T

101 PLAYA CIR # T

Year	Uses	Source
2020	LUCINDA CORRAL-RZEPKA	Cole Information

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1 ARGONAUT	2017, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1 ARGONAUT STE C	2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1 BROOKLINE LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
100 PLAYA CIR	2020, 2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
101 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
101 PLAYA CIR # T	2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
102 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
103 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
104 PLAYA CIR	2020, 2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
105 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
106 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
107 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
108 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
109 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
110 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
111 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
112 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
113 PLAYA CIR	2020, 2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
114 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
115 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
116 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
117 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
118 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
119 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
120 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
121 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
122 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
123 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
124 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
13 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
2 ARGONAUT	2020, 2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
2 BROOKLINE LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
21 Argonaut	2017, 2010, 2002, 2001, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
21 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
21 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
23002 ALISO CREEK RD	2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
23002 Aliso Viejo Creek Road	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
23011 ALISO CREEK RD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
23022 ALISO CREEK RD	2017, 2001, 2000, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
23022 Aliso Viejo Creek Road	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
27 ARGONAUT	2017, 2002, 2001, 2000, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
27 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
27 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
28 ARGONAUT	2017, 2002, 2001, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
28 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
29 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3 ARGONAUT	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3 BROOKLINE LN	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
31 ARGONAUT	2017, 2010, 2002, 2001, 2000, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
31 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
31 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
35 ARGONAUT	2017, 2002, 2001, 2000, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
35 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
35 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
36 ARGONAUT	2017, 2002, 2001, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
36 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
36 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
39 ARGONAUT	2020, 2017, 2002, 2001, 2000, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
39 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
39 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5 ARGONAUT	2017, 2002, 2001, 2000, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
66 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
67 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
68 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
69 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
7 Argonaut	2017, 2014, 2005, 2002, 2001, 2000, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
7 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
7 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
70 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
71 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
72 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
73 PLAYA CIR	2020, 2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
74 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
75 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
76 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
77 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
78 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
79 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
8 Argonaut	2017, 2002, 2001, 2000, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
8 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
8 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
80 PLAYA CIR	2020, 2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
80 PLAYA CIR # Q	2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
81 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
82 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
83 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
84 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
85 ARGONAUT	2017, 2002, 2001, 2000, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
85 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
85 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
85 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
86 PLAYA CIR	2017, 2014, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
87 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
88 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
89 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
90 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
91 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
92 ARGONAUT	2017, 2002, 2001, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
92 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
92 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
92 ARGONAUT STE 110	2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
92 ARGONAUT STE 220	2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
92 PLAYA CIR	2017, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
93 ARGONAUT	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
93 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
93 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
94 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
95 ARGONAUT	2017, 2002, 2001, 1997, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
95 ARGONAUT DR	2020, 2017, 2014, 2010, 2005, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
95 ARGONAUT ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
95 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
96 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
97 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
98 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
99 PLAYA CIR	2017, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
15 Argonaut	2017, 2001, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

APPENDIX F

Agency Records

COUNTY OF ORANGE
CERTIFICATE OF USE AND OCCUPANCY

FILE COPY

ADDRESS #15 Argonaut

Bldg. Permit No.	Group	Lot	Block	Tract
66618		12		

Use: Two story concrete tilt-up office corporate building

ISSUED TO OWNER	ON
Kammari Business Partners	8-9-89

The building described herein has been inspected and found to comply with the provisions of all County of Orange Ordinances applicable thereto.

THIS IS A LEGAL DOCUMENT AND MUST BE GIVEN TO THE LEGAL OWNER OR PURCHASER

Mail To

Kammari Business Partners
4350 Van Karman
Newport Beach, CA 92660

Floyd G. McLellan

FLOYD G. McLELLAN
County Building Official
Environmental Management Agency
PO Box 4048
12 Civic Center Plaza
SANTA ANA, CALIFORNIA 92702-4048

F0260-138.6 (R1/89)

APPLICATION FOR A BUILDING PERMIT AND A CERTIFICATE OF USE & OCCUPANCY

COUNTY OF ORANGE
ENVIRONMENTAL MANAGEMENT AGENCY
REGULATION
P.O. BOX 4048, SANTA ANA, CA 92702

REGIONAL OFFICE
22982 TRITON WAY
LAGUNA HILLS, CA 92653
714-472-7979

CENTRAL OFFICE
12 CIVIC CENTER PLAZA
SANTA ANA, CA 92702-4048
714-834-2626

PRESS HARD WHEN WRITING.

37,151 SF

BUILDING ADDRESS #15 ARGONAUT
AREA LAGUNA HILLS
OWNER Kammani Business Partners
MAILING ADDRESS 4350 Jim Kammani PHONE
CITY Newport Beach ZIP 92660
ARCHITECT OR ENGINEER Bannuelo/Rierson PHONE
ADDRESS 4501 E La Palma #202 Anah.
CONTRACTOR PHONE
ADDRESS

DESCRIPTION OF WORK

NEW X ADD ☐ ALTER ☐ REPAIR ☐ DEMOLISH ☐
SIZE SQ FT ~~39000~~ NO OF STORIES
PROPOSED USE OF STRUCTURE Two Story Concrete tilt-up Office corporate Building
CONSTRUCTION LENDER NAME ☐ UNKNOWN
BRANCH
ADDRESS
GRADING PRE INSP FEE $ PC FEE $ 25.76
VALUATION $ 3,576.00 BP FEE $ 41.52 + 18.03
OCCUPANCY CLASS B2 TYPE OF CONST SN SPRINK CODE YEAR 85 OCC CODE
PLANS CHECKED BY Ron Chun PERMIT ISSUANCE APPROVED
GRADING PERMIT REQ'D YES ☐ NO ☒ 412,453 ROUGH GRADING OK

CERTIFICATE FOR REGULATION PERMIT

Contractors

I certify that the following Contr Lic No ..... and Classification ..... is in full force and effect
Workman's Compensation Insurance Certificate on file verified by .....
Expiration Date .....

Owner (applicant)

I hereby certify I am exempt from Sect 7031 and the Business and Professional Code, Div. 3, Chap. 9, Contractor's License Law under the following section:

- ☒ Owner (Sect 7044), or
- ☐ Minor Work under $200 (Sect 7048), or
- ☐ Employee working for wages only (Sect 7053), or
- ☐ OTHER

Certification of Exemption from Sect 3800 of the California Labor Code, Article 3, Construction Permit

- ☐ The permit is for One Hundred Dollars ($100) or less
- ☐ I certify that in the performance of the work for which the permit is issued I shall not employ any person in any manner so as to become subject to the Workmen's Compensation laws of California

If, after making such certification the applicant for this permit should become subject to the Workmen's Compensation provisions of the Labor Code, the applicant shall forthwith comply with the provisions of Sect 3700 or this permit shall be deemed revoked

I hereby acknowledge and state that the information I have provided is correct both on the permit and this certificate and agree to comply with all County Ordinances and State laws regulating building construction

(Applicants Signature) Date 1/25/89 Permit No

INSPECTION RECORD

APPROVALS	DATE	INSPECTOR'S SIG
FOUNDATION / REINFORCED OVER	3-13-89	Sep
SLAB SHRINK / MOISTURE	3/10/89	Sep
UNDERPINNING	5/5/89	Sep
MASONRY / BOND BEAM / PANELS POURED	3/29/89	Sep
FIREPLACE / Flue Stmt	4-18-89	Sep
ROOF SHEATING / ROOF FRAMING	4/11/89	Sep
FRAMING	6/7/89	Sep
INSULATION (SOUND ENERGY)		
LATH EXTERIOR / PLASTER	6/15/89	Sep
LATH ☐ DRYWALL ☐ INTERIOR	6/15/89	Sep
PLASTER BROWN COAT		
FINAL BUILDING	8/9/89	Sep
FINAL ZONING		

REMARKS YARD LETTER ATTACHED

* Type V concrete for footings & slabs on grade

ZONING REGULATIONS

LEGAL DESCRIPTION TRACT 85-158 BLOCK LOT 12
(PLEASE ATTACH METES AND BOUNDS)
ZONE PC VARIANCE NO. P88-186A
BUILDING SETBACK C/L ST. 67' PROPERTY LINE
SIDE YARD, RIGHT 76' EAVE PROJECTION
SIDE YARD, LEFT 58' EAVE PROJECTION
REAR YARD (TO P/L) 135' STREET WIDTH
PARKING SPACE REQUIRED PROVIDED
MISC.
A.P. 623-093-10 DIST. NO 5B
ZONING APPROVED [signature] DATE 1-25-89

VALIDATION

~~4 01/25/89 64617~~ ~~4,160.31 NRB250~~ 2,576.30 NRA240 ~~$$$$6,736.61~~ TOTAL
~~6,736.61 TRD002~~

CASHIER DATE PERMIT NO PERMIT FEE CODE PLAN CHECK TOTAL

INSTRUCTIONS TO APPLICANT: Use indelible pencil or ball point pen and PRINT
Otherwise, fill out form with typewriter.

4 01/25/89 64618 4,160.31 NRB250 4,160.31 TRD002 $$$$4,160.31 TOTAL

OCT 11 1989

2-8-89 COLUMN PAD FOOTINGS B-2, C-2, B-3, C-3, C-4, B-5, C-5, E-6, C-6, D-8, D-9, BETWEEN D+E ON 9, E-8 & F-8 OK TO POUR
S Price

2-8-89 INTERIOR COLUMN PAD FOOTINGS + GRADE BEAM + A COUPLE FEET OF EXT. FOOTING @ END OF GRADE BEAM OK TO POUR

2/15/88 INT Ftg 001 pads & Entrance Slabs. Area OK for concrete - Sid

2/22/89 Ext. Footings Line A 1-8 OK to pour - Sid

3/10/89 Pilings 20 to 31 OK - Sid

3/20/89 more of partial Pts OK to pour — As high Lighted, see plans — Sid

5/30/89 Tan Cap Frame OK other than at piling areas - Sid

6/8/89 Light Std Ftgs OK - Sid

6/26/89 East Stairway to the rear Ftgs & 2nd level deck & Trash slab OK to pour — Sid

7/11/89 Stair portion OK to pour — Sid

8/3/89 Temp Col OK - Sid

APPLICATION FOR ELECTRICAL PERMIT

REGIONAL OFFICE
22921 TRITON WAY
LAGUNA HILLS, CA 92653
(714) 472-7922 / 7923

COUNTY OF ORANGE
ENVIRONMENTAL MANAGEMENT AGENCY
REGULATION

CL[illegible]CE
12[illegible] PLAZA
P[illegible]
S[illegible]A CA 92702
(714) 834-2630 / 2631

1

BUILDING ADDRESS #15 ARGONAUT DRIVE
COUNTY AREA ALISO VIEJO
NEAREST CROSS ST GLENWOOD
OWNER KAMINARI BLDG PARTNERS
PROPOSED USE
PRESENT USE

TRACT LOT NO
CONTRACTOR TRAIL ELECTRIC
ADDRESS 5462 ELSWICK DR.
CITY HUNTINGTON BEACH TEL NO (714) 898-5501

TYPE OF FIXTURE OR ITEM		PERMIT	FEE
Relocated Dwelling 10 sq ft or fraction			
Garage 100 sq ft or fraction			
Relocated Dwelling Pre-Lowering Inspection (In addition to fees shown above)		16 00	
Above Fees Cover All Electrical Installations Within New or Relocated Dwellings Except Air Conditioner Does Not Include Service Meter			
600 AMP SWBD			33 --
Fixtures 554	1 - 20	70 ea	14 --
	Additional	40 ea	213 60
Outlets 246	1 - 20	70 ea	14 --
	Additional	40 ea	90 40
Electrical Appliances or Factory-wired Appliances not listed above	(No)	3 00 ea	
Time Clocks 1	(No)	3 00 ea	51 --
Pole Mount		2 50 ea	15 --
Fixtures No 6	Add'l Fixtures	50 ea	
Special Equipment	(Min)	16 00	
Inspection (No Hours)	1 Hour	33 00	
Residential Service Meter Underground (No)		8 00 ea	
Commercial Service Meter Underground	(No 1)	16 00 ea	16 --
Work with Service	Residential	24 00	
	Commercial	33 00	
Construction or Permanent Pole	Metered pole	24 00	
Pedestal or Piggy Back ( )	Add'l poles on same service	8 00 ea	
Other Unit generators motors transformers etc & generating capacity HP KW or KVA		(See schedule)	
Motors up to 5 HP 3		3 50 ea	10 50
1 to 10 17		8 00	136 --
10 to 50 2		16 00	32 --
50 to 100		24 00	
Over 100 & not over 500 1		41 00	41 --
Permit Issuance Fee			6 10
Sub-Total			674 50
Construction Index		14 %	--
Building Permit Number 64618	Volume Factor	.88	--
Verified By	TOTAL PERMIT FEE		676 66

CERTIFICATE FOR REGULATION PERMIT

Contractors

I certify that the following Contr Lic No 399313 and Classification C10 is in full force and effect Workmen's Compensation Insurance Certificate on file with by VF
Expiration date 10/1/89

Other Applicants

I hereby certify I am exempt from Sec 7031 5 of the Business and Professional Code Div 3 Chap 9 Contractors License Law under the following section

- ☐ Owner (Sect 7044) or
- ☐ Minor Work under $200 (sect 7048) or
- ☐ Employee working for wages only (sect 7053) or
- ☐ OTHER

Certification of Exemption from Sect 3800 of the California Labor Code Article 3 Construction Permit

- ☐ The permit is for One Hundred Dollars ($100) or less
- ☐ I certify that in the performance of the work for which the permit is issued I shall not employ any person in any manner so as to become subject to the Workmen's Compensation laws of California

If after making such certification the applicant for this permit should become subject to the Workmen's Compensation provisions of the Labor Code the applicant shall forthwith comply with the provisions of Sect 3700 or this permit shall be deemed revoked

I hereby acknowledge and state that the information I have provided is correct both on the permit and this certificate and agree to comply with all County Ordinances and State laws regulating building construction

(Applicant's Signature) Date 2-1-89

APPLICATION APPROVED BY (SIGNATURE) (DATE)

METERS AND SERVICES	LIGHT	POWER	AC & RFG	VOLT	PHASE

INSPECTION RECORD

APPROVALS	DATE	INSP SIGNATURE
UNDERGROUND	6-12-89	DKS
ROUGH WIRING	6-12-89	Landers
FIXTURES	7-18-89	Landers
SERVICE *	7-19-89	SANDERS
WORK-WITH RELEASE		
FINAL APPROVAL	8-8-89	Landers
UTILITY NOTIFIED	POWER	IS ON

02/01/89 214890 676.66 ELB250 VALIDATION * TEMPT QQQ $$$$$676.66

ELECTRICAL INSPECTION RECORD

LOT NOS. _____ THRU _____ TRACT NO. _____

BUILDING PERMIT NO. _____ ISSUED FOR LOT NO. _____ ELECTRICAL PERMIT NO. _____

LOT UNDERGROUND ROUGH WIRING FINAL

PVC – METAL	D.B.C.	SPAC. – SERV. – CIRC.		FIXTURES BONDING	
INSPR. SIGN.	DATE	INSPR. SIGN.	DATE	INSPR. SIGN.	DATE
UFER 3/0 Cu	2-3-89	FOOTH Q/S			
Roof	2/15/89	u/ground service		Natural stee-	
		u/ground floor fr/ins		OK	
[illegible]	3/10/89	Electric Panels [illegible]		OK	
[illegible]	3/14/89	Electrical [illegible]		OK	
[illegible]	4/10/89	Electrical [illegible]		Bonding OK	
Lander	5-11-89	6 POLES - PVC ONLY 24" DEEP 5-11-89 Lander			
ALL WALLS ONLY MOSTY EMT FEX WITH BOND					
5-26-89 Lander		1ST & 2ND FLOOR ONLY Lander			
6-2-89	6 POLE BASE PVC APP 36" Lander				
ALL WALLS CIELIN OK - 800 MAIN GEAR OK COLD WATER					
BOND MISSING 6-12-89 Lander		ROOF TOP DUCTS OK 7-19-89 Lander			
7-18-89	1ST & 2ND FLOOR 2X4 T-BAR FIXT OK Lander				
RELEASE	T-O TO LOCKED MAIN		7-19-89 Lander		
TORQUE LETTER IN MAIN.					

REGIONAL OFFICE
22982 [illegible]
LAGUNA HILLS CA 92653
(714) 472-[illegible]

APPLICATION FOR PLUMBING PERMIT

COUNTY OF ORANGE
EMA — REGULATION

CENTRAL OFFICE
P.O. BOX 4048
12 CIVIC CENTER PLAZA
SANTA ANA CA 92702
(714) 834-2630/2631

BUILDING ADDRESS 15 ARGONAUT
AREA ALISO VIEJO
NEAREST CROSS STREET KAMANARI HEADQUARTERS
OWNER
PROPOSED USE OFFICES
PRESENT USE

TRACT LOT NO
CONTRACTOR ADVANCE FIRE
ADDRESS 1451 W LAMBERT RD.
CITY LA HABRA TEL NO 526-2231

NO	TYPE OF FIXTURE OR ITEM	PER UNIT	FEE
	WATER CLOSET (TOILET)	5.00	
	BATH TUB	5.00	
	SHOWER STALL	5.00	
	LAVATORY (WASH BASIN)	5.00	
	KITCHEN SINK ☐ GARBAGE DISPOSAL ☐	5.00 ea	
	AUTO WASHING MACH	5.00	
	DISHWASHER	5.00	
	SERVICE SINK OR LAUNDRY TRAY	5.00	
	FLOOR SINK OR FLOOR DRAIN	5.00	
	ROOF DRAIN (INC. OVERFLOW)	5.00	
	URINAL	5.00	
	DRINKING FOUNTAIN	5.00	
	SAND TRAP ☐ INTERCEPTOR ☐	11.50	
	WATER HEATER	5.00	
	WATER SOFTENER	5.00	
	LAWN SPRINKLERS RES / COMM	5.00 / 22.00	
	GAS SYSTEM 1-5 OUTLETS ☐ LPG ☐ NAT ☐ 6 OR MORE 1.25P/OUTLET	5.00	
1	AUTO FIRE SPR SYSTEM 560 Heads	515.00	
	HOUSE SEWER	18.00	
	SEPTIC TANK	18.00	
	SEEPAGE PIT(S) LEACHING FIELD	18.00	
	PRIVATE SEWAGE DISPOSAL	33.00	
	PERMIT ISSUANCE		6 00
	CONSTRUCTION COST INDEX %		
	SUB TOTAL		576 22
	VOLUME FACTOR ( )		
BUILDING PERMIT NO. 64618	TOTAL FEE		524 67
VERIFIED BY: T.A.B.	VALIDATION		

CERTIFICATION FOR REGULATION PERMIT

Contractor's I certify that the following Contr Lic No 251934 and Classification C-16 is in full force and effect Workers Compensation Insurance Certificate on file verified by T.A.B. Expiration date 1-1-90

Other Applicants
I hereby certify I am exempt from Sec 7031 5 of the Business and Professional Code Div 3 Chap 9 Contractors License Law and under the following section
☐ Owner (Sect 7044) or
☐ Minor Work under $200 aggregate, (labor, materials etc) (Sect 7048) or
☐ Employee working for wages only (Sect 7053) or
☐ Other

Certification of Exemption from Sect 3800 of the California Labor Code, Article 3, Construction Permit
☐ The permit is for One Hundred Dollars ($100) or less
☐ I certify that in the performance of the work for which the permit is issued I shall not employ any person in any manner so as to become subject to the Workers Compensation laws of California

If after making such certification the applicant for this permit should become subject to the Workers Compensation provisions of the Labor Code the applicant shall forthwith comply with the provisions of Sect 3700 or this permit shall be deemed revoked

I hereby acknowledge and state that the information I have provided is correct both on the permit and this certificate and agree to comply with all County Ordinances and State laws relating to building construction

(Applicant's Signature) Robert W. Thies Date 4-23-89

INSPECTION RECORD

Overhead Duplex 5-25-89 OCFD.

APPROVALS	DATE	Inspector's Signature
GROUND WORK-SOIL ONLY		
GROUND WORK WITH WATERPIPE ☐ GASPIPE ☐		
ROUGH PLUMBING		
GAS PIPING TO		
WATER HEATER		
SEPTIC TANK		
SEEPAGE PIT		
SEWER		
GAS TEST		
SPRINKLER SYSTEM		
FINAL 8-1-89	Peder	[signature]
UTILITY CO NOTIFIED		
RECD BY	PLANS CHECKED BY:	

OCT 13 1989 $$$$$524.67

[illegible]/89 221494 524.67 PBB250

REGIONAL OFFICE
22921 TRITON WAY
[illegible] CA 92653
(714) 472-[illegible]

APPLICATION FOR PLUMBING PERMIT

COUNTY OF ORANGE
EMA -- REGULATION

CENTRAL OFFICE
P.O. BOX 4048
12 CIVIC CENTER PLAZA
SANTA ANA, CA 92702
(714) 834-2630/2631

BUILDING ADDRESS 10 ARGONAUT
AREA ALISO VIEJO
NEAREST CROSS STREET
OWNER KAMMARI BUSINESS PRTNRS
PROPOSED USE OFFICE BLDG.
PRESENT USE

TRACT LOT NO.
CONTRACTOR ADVANCE FIRE PROTECTION
ADDRESS 1451 W. LAMBERT RD
CITY LA HABRA TEL NO. 526-2231

NO	TYPE OF FIXTURE OR ITEM	PER UNIT	FEE
	WATER CLOSET (TOILET)	5.00	
	BATH TUB	5.00	
	SHOWER STALL	5.00	
	LAVATORY (WASH BASIN)	5.00	
	KITCHEN SINK ☐ GARBAGE DISPOSAL ☐	5.00 ea	
	AUTO WASHING MACH	5.00	
	DISHWASHER	5.00	
	SERVICE SINK OR LAUNDRY TRAY	5.00	
	FLOOR SINK OR FLOOR DRAIN	5.00	
	ROOF DRAIN (INC. OVERFLOW)	5.00	
	URINAL	5.00	
	DRINKING FOUNTAIN	5.00	
	SAND TRAP ☐ INTERCEPTOR ☐	11.50	
	WATER HEATER	5.00	
	WATER SOFTENER	5.00	
	LAWN SPRINKLERS PER CONV	5.00	
	GAS SYSTEM 1-5 OUTLETS LPG ☐ NAT ☐ EACH ADD'L 1.25/OUTLET	22.00	
1	AUTO FIRE SPR SYSTEM U.G.	5.00	43 —
	HOUSE SEWER	16.00	
	SEPTIC TANK	18.00	
	SEEPAGE PIT(S) LEACHING FIELD	18.00	
	PRIVATE SEWAGE DISPOSAL	33.00	
	2 Hydrants		
	PERMIT ISSUANCE		8 00
	~~CONSTRUCTION COST INDEX~~		
	SUB TOTAL		51 —
	C.I. 14 %		—
	VOLUME FACTOR ($8)		—
BUILDING PERMIT NO. 64618	TOTAL FEE		51 16
VERIFIED BY: [illegible] 4/5/89	VALIDATION		

CERTIFICATION FOR REGULATION PERMIT

Contractors

I certify that the following Contractor's Lic No. _____ and Classification _____ is in full force and effect. Worker's Compensation Insurance Certificate on file verified by _____ Expiration date 1/1/90

Other Applicants

I hereby certify I am exempt from Sec. 7031.5 of the Business and Professional Code Div. 3 Chap. 9 Contractor's License Law and under the following section:

☐ Owner (Sect 7044) or
☐ Minor Work under $200 aggregate, (labor, materials, etc.) (Sect. 7048) or
☐ Employee working for wages only (Sect 7053) or
☐ Other: _____

Certification of Exemption from Sect 3800 of the California Labor Code, Article 3 Construction Permit

☐ The permit is for One Hundred Dollars ($100) or less
☐ I certify that in the performance of the work for which the permit is issued I shall not employ any person in any manner so as to become subject to the Workers Compensation laws of California

If, after making such certification the applicant for this permit should become subject to the Workers Compensation provisions of the Labor Code, the applicant shall forthwith comply with the provisions of Sect 3700 or this permit shall be deemed revoked

I hereby acknowledge and state that the information I have provided is correct both on the permit and this certification and I agree to comply with all County Ordinances and State laws relating to building construction.

X [signature] Date 4-5-89
(Applicant's Signature)

INSPECTION RECORD

7-18-89 Passed by O.C.F.D. (Aden)
7-25-89

APPROVALS	DATE	Inspector's Signature
GROUND WORK-SOIL ONLY		
GROUND WORK WITH WATERPIPE ☐ GASPIPE ☐		
ROUGH PLUMBING	[illegible]	[illegible]
GAS PIPING TO	7/11/89	[illegible]
WATER HEATER		
SEPTIC TANK		
SEEPAGE PIT		
SEWER		
GAS TEST		
SPRINKLER SYSTEM		
FINAL	7-25-89	[illegible]
UTILITY CO NOTIFIED		
REC'D BY	PLANS CHECKED BY:	

OCT 13 1989

04/05/89 219689 51.16 PEB250 $$$$$$51.16

REGIONAL OFFICE
22921 TRITON WAY
LAGUNA HILLS, CA 92653
(714) 472-7927/1923

APPLICATION FOR PLUMBING PERMIT

COUNTY OF ORANGE
EMA — REGULATION

CENTRAL OFFICE
P.O. BOX 4048
12 CIVIC CENTER PLAZA
SANTA ANA, CA 92702
(714) 834-2630/2631

BUILDING ADDRESS 7[illegible] Argonaut
AREA
NEAREST CROSS STREET
OWNER Kamiwari
PROPOSED USE Civic Bldg
PRESENT USE

TRACT 85-157 LOT NO. 12
CONTRACTOR [illegible] Kamiwari's Bldg
ADDRESS [illegible] 92700 Partners Van Karmen
CITY [illegible] Newport Bch TEL. NO. 67[illegible]-2990

CERTIFICATION FOR REGULATION PERMIT 752-0700

Contractors

I certify that the following Contr Lic No _____ and Classification _____ is in full force and effect Worker's Compensation Insurance Certificate on file verified by _____ Expiration date _____

Other Applicants

I hereby certify I am exempt from Sec 7031 5 of the Business and Professional Code, Chap 3 Ch ap 9 Contractor's License Law and under the following section

☒ Owner (Sect 7044) or
☐ Minor Work under $200 aggregate, (labor, materials, etc) (Sect 7048) or
☐ Employee working for wages only (Sect 7053), or
☐ Other _____

Certification of Exemption from Sect 3800 of the California Labor Code, Article 3, Construction Permit

☒ The permit is for One Hundred Dollars ($100) or less
☒ I certify that in the performance of the work for which the permit is issued I shall not employ any person in any manner so as to become subject to the Worker's Compensation laws of California

If after making such certification the applicant for this permit should become subject to the Worker's Compensation provisions of the Labor Code, this applicant shall forthwith comply with the provisions of Sect 3700 or this permit shall be deemed revoked

I hereby acknowledge and state that the information I have provided is correct both on the permit and this certificate and agree to comply with all County Ordinances and State laws regulating building construction

(Applicant's Signature) [signature] Date 3-30-89

NO	TYPE OF FIXTURE OR ITEM	PER UNIT	FEE
	WATER CLOSET (TOILET)	5.00	
	BATH TUB	5.00	
	SHOWER STALL	5.00	
	LAVATORY (WASH BASIN)	5.00	
	KITCHEN SINK ☐ GARBAGE DISPOSAL ☐	5.00 ea	
	AUTO WASHING MACH	5.00	
	DISHWASHER	5.00	
	SERVICE SINK OR LAUNDRY TRAY	5.00	
	FLOOR SINK OR FLOOR DRAIN	5.00	
	ROOF DRAIN (INC. OVERFLOW)	5.00	
	URINAL	5.00	
	DRINKING FOUNTAIN	5.00	
	SAND TRAP ☐ INTERCEPTOR ☐	11.50	
	WATER HEATER	5.00	
	WATER SOFTENER	5.00	
	RES	5.00	
	LAWN SPRINKLERS COMM	22.00	
	GAS SYSTEM 1-5 OUTLETS	5.00	
	LPG ☐ NAT ☐ 6 OR MORE 1.25P/OUTLET		
	AUTO FIRE SPR SYSTEM		
	HOUSE SEWER	19.00	
	SEPTIC TANK Valuation	18.00	
	SEEPAGE PIT(S) LEACHING FIELD	17.00	
	PRIVATE SEWAGE DISPOSAL	33.00	
	Sewer C.O. System		69 60
	PERMIT ISSUANCE		8 00
	CONSTRUCTION COST INDEX %		1 12
	SUB TOTAL		78 72
	VOLUME FACTOR ( )		7284
	TOTAL FEE		69 27

BUILDING PERMIT NO. 64618
VERIFIED BY: [signature]
VALUATION

INSPECTION RECORD

APPROVALS	DATE	Inspector's Signature
GROUND WORK-SOIL ONLY		
GROUND WORK WITH WATERPIPE ☐ GASPIPE ☐		
ROUGH PLUMBING		
GAS PIPING TO		
WATER HEATER		
SEPTIC TANK		
SEEPAGE PIT		
SEWER	7/19/89	[signature]
GAS TEST		
SPRINKLER SYSTEM		
FINAL	7-25-89	[signature]
UTILITY CO NOTIFIED		

ISSUED BY
PLANS CHECKED BY:

03/30/89 219258 69.27 PBB250 OCT 13 1989 $69.27 T

REGIONAL OFFICE
[illegible]
LAGUNA HILLS CA 92653
(714) [illegible]

APPLICATION FOR PLUMBING PERMIT

COUNTY OF ORANGE
EMA — REGULATION

CENTRAL OFFICE
P.O. BOX 4048
12 CIVIC CENTER PLAZA
SANTA ANA CA 92702
(714) 834-2630/2631

BUILDING ADDRESS 75 ARGONAUT
AREA ALISO VIEJO
NEAREST CROSS STREET ALICIA
OWNER KAMINARI
PROPOSED USE MANUFACTURING PRESENT USE NONE

TRACT LOT NO
CONTRACTOR ACADEMY MECHANICAL
ADDRESS 7592 REYNOLDS CIRCLE
CITY HUNT. BCH 92647 TEL NO 841-6222

CERTIFICATION FOR REGULATION PERMIT

Contractor

I certify that the following Contr Lic No 452440 and Classification C-36 is in full force and effect. Worker's Compensation Insurance Certificate or No verified by V Expiration date 4/15/89.

Other Applicants

I hereby certify I am exempt from Sec 7031.5 of the Business and Professional Code, Div 3, Chap 9, Contractor's License Law and under the following section

- ☐ Owner (Sect 7044); or
- ☐ Minor Work under $200 aggregate, (labor, materials, etc.) (Sect 7048) or
- ☐ Employee working for wages only (Sect 7053); or
- ☐ Other

Certification of Exemption from Sect 3800 of the California Labor Code, Article 3, Construction Permit

- ☒ The permit is for One Hundred Dollars ($100) or less
- ☒ I certify that in the performance of the work for which the permit is issued I shall not employ any person in any manner so as to become subject to the Worker's Compensation laws of California

If, after making such certification the applicant for this permit should become subject to the Worker's Compensation provisions of the Labor Code, the applicant shall forthwith comply with the provisions of Sect 3700 or this permit shall be deemed revoked

I hereby acknowledge and state that the information I have provided is correct both on the permit and this certificate and agree to comply with all County Ordinances and State laws regulating building construction

Signature [signature] Date 2-2-89
(Applicant's Signature)

NO	TYPE OF FIXTURE OR ITEM	PER UNIT	FEE
7	WATER CLOSET (TOILET)	5.00	35 —
	BATH TUB	5.00	
4	SHOWER STALL	5.00	20 —
8	LAVATORY (WASH BASIN)	5.00	40 —
4	KITCHEN SINK ☒ GARBAGE DISPOSAL ☒	5.00 EA	20 —
	AUTO WASHING MACH	5.00	
	DISHWASHER	5.00	
1	SERVICE SINK OR LAUNDRY TRAY	5.00	5 —
6	FLOOR SINK OR FLOOR DRAIN	5.00	30 —
	ROOF DRAIN (INC OVERFLOW)	5.00	40 —
2	URINAL	5.00	10 —
2	DRINKING FOUNTAIN	5.00	10 —
	SAND TRAP ☐ INTERCEPTOR ☐	11.50	
1	WATER HEATER	5.00	5 —
	WATER SOFTENER	5.00	
		5.00	
	LAWN SPRINKLERS RES COMM	22.00	
	GAS SYSTEM LPG ☐ NAT ☐ 1-5 OUTLETS COMMERCIAL 1.25P/OUTLET	5.00	
	AUTO FIRE SPR SYSTEM		
1	HOUSE SEWER	16.00	16 —
	SEPTIC TANK	16.00	
	SEEPAGE PIT(S) LEACHING FIELD	16.00	
	PRIVATE SEWAGE DISPOSAL	33.00	
	PERMIT ISSUANCE		8 00
	~~CONSTRUCTION COST INDEX~~		
	SUB TOTAL		239 —
	C.I. 14%		—
	VOLUME FACTOR 1.88		—
	BUILDING PERMIT NO. 6468 TOTAL FEE		239 76

VERIFIED BY: V

VALIDATION

INSPECTION RECORD

2/2/89 Initial inspect of an approved plan. Install

APPROVALS	DATE	Inspector's Signature
GROUND WORK-SOIL ONLY	2/14/89	[signature]
GROUND WORK WITH WATERPIPE ☐ GASPIPE ☐		
ROUGH PLUMBING	6/12/89	[signature]
GAS PIPING TO		
WATER HEATER Service		
SEPTIC TANK		
SEEPAGE PIT		
SEWER	2/3/89	[signature]
GAS TEST	No gas	
SPRINKLER SYSTEM		
FINAL	8-8-89	[signature]
UTILITY CO NOTIFIED		

REC'D BY PLANS CHECKED BY

OCT 10 1989

02/02/89 215040 239.76 PBB250 $$$$$239.76

W/O# 7476

APPLICATION FOR MECHANICAL PERMIT
COUNTY OF ORANGE
ENVIRONMENTAL MANAGEMENT AGENCY
REGULATION

[illegible] OFFICE
[illegible] IN WAY
AGUNA [illegible] CA 92653
(71[illegible]) 472-[illegible]22/7923

CENTRAL OFFICE
P.O. BOX 4048
12 CIVIC CENTER PLAZA
SANTA ANA CA 92702
(714) 834-2810/2631

1

BUILDER
ADDRESS 15 ARGONAUT DRIVE
TRACT
LOT NO
COUNTY AREA ALISO VIEJO
NEAREST CROSS ST.
CONTRACTOR BLAKE AIR CONDITIONING & SERVICE CO, INC.
OWNER KAMINARI BUILDING PARTNERS
ADDRESS 1175 NORTH OSPREY CIRCLE
PROPOSED USE B2 SN
PRESENT USE
CITY ANAHEIM
TEL NO (714)630-6412

NO.	TYPE OF FIXTURE OR ITEM	PER UNIT	FEE
	EACH CENTRAL FURNACE INCL DUCTS & VENTS		
	MFGR TYPE BTU		
	UP TO AND INCLUDING 100 000 BTU	18.00	
	UP TO AND INCLUDING 500 000 BTU	24.00	
	UP TO AND INCLUDING 1 000 000 BTU	33.00	
	UP TO AND INCLUDING 2 000 000 BTU	19.00	
	OVER 2 000 000 BTU	12.00	
	EACH BOILER OR ABSORPTION UNIT INCL VENT		
	MFGR TYPE BTU	SAME AS BELOW	
	EACH REFRIGERATION SYSTEM		
	MFGR TYPE BTU		
15	UP TO AND INCLUDING 5 HP	24.00	360 00
2	UP TO AND INCLUDING 15 HP	33.00	66 00
	UP TO AND INCLUDING 30 HP	49.00	
	UP TO AND INCLUDING 50 HP	65.00	
	OVER 50 HP	82.00	
	____ FLOOR FURNACE ____ SUSPENDED HEATER		
	____ WALL HEATER ____ UNIT HEATER	18.00	
	____ DECORATIVE APPLIANCE (INCL VENT)		
	MFGR TYPE BTU		
	EACH ALTERATION REPAIR OR ADDITION INCL CONTROLS DUCTS REGISTERS ETC	12.50	
	EACH COMBUSTION PRODUCT VENT NOT INCLUDED WITH AN APPLIANCE PERMIT	8.00	
	EACH AIR HANDLING UNIT INCLUD DUCTS		
	UP TO AND INCLUDING 2 000 CFM	8.00	
	UP TO AND INCLUDING 10 000 CFM	16.00	
	OVER 10 000 CFM	33.00	
	EACH EVAPORATIVE COOLER (COMMERCIAL)	10.00	
2	EACH VENTILATION FAN CONNECTED TO A SINGLE OUTLET OR INLET (COMMERCIAL)	9.50	19 50
	EACH VENTILATION FAN CONNECTED TO MORE THAN ONE OUTLET OR INLET (COMMERCIAL)	12.50	
	EACH HOOD SERVED BY A MECHANICAL EXHAUST (INCL FAN - COMMERCIAL TYPE)	16.00	
	EACH INCINERATOR (DOMESTIC TYPE)	18.00	
	EACH INCINERATOR (COML OR INDUS TYPE)	57.00	
	INCIDENTAL GAS PIPING	5.00	
	ANY APPLIANCE OR EQUIP REGULATED BY THIS CODE BUT NOT SPECIFICALLY LISTED (LIST BELOW)	10.00	
	PERMIT ISSUANCE		8.00
	Sub Total		453 50
	Construction Cost Index 14 %		63 49
	Volume Factor (.88)		-
	TOTAL PERMIT FEE		464 75

BUILDING PERMIT NO.: 64618
VERIFIED BY: VL 4/12/89

CERTIFICATE FOR REGULATION PERMIT

Contractors

I certify that the following Contr Lic No 396-109 and Classification C-20 is in full force and effect Worker's Compensation Insurance Certificate on file verified by VL Expiration date 7/1/89

Other Applicants

I hereby certify I am exempt from Sec 7031.5 of the Business and Professional Code Div 3 Chap 9 Contractor's License Law under the following section

- ☐ Owner (Sect 7044) or
- ☐ Minor Work under $200 (sect 7048) or
- ☐ Employee working for wages only (sect 7053) or
- ☐ OTHER

Certification of Exemption from Sect 3800 of the California Labor Code, Article 3 Construction Permit

- ☐ The permit is for One Hundred Dollars ($100) or less
- ☐ I certify that in the performance of the work for which the permit is issued I shall not employ any person in any manner so as to become subject to the Worker's Compensation laws of California

If after making such certification the applicant for this permit should become subject to the Worker's Compensation provisions of the Labor Code, the applicant shall forthwith comply with the provisions of Sect 3700 or this permit shall be deemed revoked

I hereby acknowledge and state that the information I have provided is correct both on the permit and this certificate and agree to comply with all County programs and State laws regulating building construction

Randall D. Work V.P. Date 4-4-89
(Applicant's Signature) Permit No

Application Approved By _____
(SIGNATURE) (DATE)

INSPECTION RECORD

APPROVALS	DATE	INSP. SIGNATURE
Underground		
Rough	7/7/89	
Final	8-8-89	
Utility Notified		

4 04/12/89 220145 454.95 MEB250 VALIDATION OCT 13 1989 $$$$$454.95 T
CASHIER DATE PERMIT NO. BATCH NO. CODE PLANCHECK TOTAL

MECHANICAL INSPECTION RECORD

LOT NOS. _____ THRU _____ TRACT NO. _____

BUILDING PERMIT NO. _____ ISSUED FOR LOT NO. _____ MECHANICAL PERMIT NO. _____

LOT	UN. GRD.	DATE	ROUGH	DATE	COMB. VENT	DATE	AIR COND.	DATE	FINAL	DATE
	Partial fire dampers				2 thru 150K. as marked on approved plans					

9

COUNTY OF ORANGE
ENVIRONMENTAL MANAGEMENT AGENCY
REGULATION

Regional Office: 22621 Triton Way, Laguna Hills, CA 92653, (714) 472-7922/7923

Central Office: 12 Civic Center Plaza, P.O. Box 4048, Santa Ana, CA 92702, (714) 834-2630/2831

SCRD

780-886

APPLICATION FOR A GRADING PERMIT

PRESS HARD WHEN WRITING

JOB ADDRESS: 15 Argonaut — AREA: Laguna Hills

REVIEWING OFFICE [ ] C.O. [ ] SCRB

INSPECTING OFFICE [ ] C.O. [ ] SCRB

LEGAL DESCRIPTION (OR ATTACH): TRACT PM 85-153 — BLOCK — LOTS INCLUSIVE Pcl 2

ZONE: PC

A.P. NO. — SUPERVISORIAL DIST. NO. 5B — LAND USE WAIVER GLA — TOTAL NO. LOTS/UNITS

PROPOSED USE: grading for comm'l building

CROSS STREETS: Aliso Creek Rd AND Greenwood

PURPOSE: grading for comm'l building

OWNER: Kaminari Building Partners — PHONE

OWNER'S ADDRESS: 4350 Von Karman Ste 990 — CITY: Newp Bch — ZIP CODE: 92660

PLANNER: The Keith Companies — STATE LICENSE: C040995 — PHONE: 540-0800

ADDRESS: 200 Baker — CITY: Costa Mesa — ZIP CODE: 92660

APPLICANT: Schaefer Dixon Assoc — PHONE

ADDRESS: 2168 S. Hathaway — CITY: Santa Ana — ZIP CODE

SOILS ENGINEER: Timothy Simpson RCE 41121 — PHONE

ADDRESS: Same — CITY — ZIP CODE

ENGINEERING GEOLOGIST: James J. Weaver GE 884 — PHONE

ADDRESS: Same — CITY — ZIP CODE

GRADING CONTRACTOR — STATE LICENSE — PHONE

ADDRESS — CITY — ZIP CODE

NOTICE

Issuance of this permit does not constitute approval of the uses of land or structures proposed.

LAND DISTURBANCE APPROVED: [signature] 10-13-88

NAME — DATE

BOND [ ] NOT REQUIRED

BONDING CO: Planet Insurance Comp

BOND NO: P146827

BOND AMOUNT $ 16,750.00

X

[ ] LETTER OF CREDIT (Expiration date)

CERTIFICATION FOR REGULATION PERMIT

Contractors

I certify that the following Contr. Lic. No. and Classification is in full force and effect. Workmen's Compensation insurance Certificate on file verified by Expiration date

Other Applicants

I hereby certify I am exempt from Sec. 7031.5 of the Business and Professions Code. Div. 3, Chap. 9, Contractor's License Law under the following section:

[X] Owner (Sect 7044), or

[ ] Minor Work under $200 (Sect 7048), or

[ ] Employee working for wages only (Sect 7053), or

[ ] OTHER

WORKERS COMPENSATION DECLARATION

Certification of Exemption from Sect 3800 of the California Labor Code Article 3, Construction Permit:

[ ] The permit is for One Hundred Dollars ($100) or less. I certify that in the performance of the work for which the permit is issued, I shall not employ any person in any manner so as to become subject to the Workmen's Compensation Laws of California.

If, after making such certification the applicant for this permit should become subject to the Workmen's Compensation provisions of the Labor Code, the applicant shall forthwith comply with the provisions of Sect 3700 or this permit shall be deemed revoked.

I hereby acknowledge and state that the information I have provided is correct both on the permit and this certificate and agree to comply with all County Ordinances and State laws regulating building construction.

X Joan Duncan Date: 10-13-88

(APPLICANT SIGNATURE) 12-13-88

APPLICATION APPROVED: [signature] DATE 12.22.88

FINAL APPROVED: J. Todd DATE 8/3/89

BOND RELEASED: J. Todd DATE 8/3/89

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION I HAVE PROVIDED IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

CONSENT IS HEREBY GIVEN TO THE COUNTY OF ORANGE, ITS OFFICERS, AGENTS AND EMPLOYEES, TO ENTER UPON THE LAND FOR THE PURPOSES OF SUCH INSPECTIONS, INVESTIGATIONS, OR CORRECTIVE ACTION AS THE BUILDING OFFICIAL OF SUCH COUNTY DEEMS NECESSARY.

I AM AWARE OF ORDINANCE NO. 2717 CONCERNING THE DISCLOSURE OF LOBBYIST.

SIGNATURE: JOAN Duncan, As Agent — OWNER OR AUTHORIZED AGENT — 12-13-88

TYPE OF PERMIT

[ ] ~~PRELIMINARY~~ NO BUILDING PERMITS TO BE ISSUED UNTIL THIS PERMIT IS SUPERCEDED BY A PRECISE GRADING PERMIT

[ ] PRECISE BUILDING PERMITS MAY BE ISSUED AFTER ROUGH GRADING HAS BEEN APPROVED

NUMBER OF CUBIC YARDS

CUT 1800

BORROW FILL

NATURAL FILL 1800

FEE YARDAGE 1800

VALUATION OF PROTECTIVE DEVICES AND IMPROVEMENTS $ 20,632.00

GRADING FEES

PLAN CHECK		TOTAL P.C.
IMPROVEMENTS (DIA 235)	$ 204.87	
GRADING (GRA 235)	$ 308.97	$ 513.84
GRADING PERMIT		**TOTAL PERMIT**
IMPROVEMENTS (DIB 235)	$ 241.02	
GRADING (GRB 235)	$ 363.50	
ISSUANCE FEE	$ 6.74	$ 611.26

THIS FORM WHEN PROPERLY VALIDATED IS A PERMIT TO DO THE WORK DESCRIBED FOR A PERIOD OF 2 YEARS FROM DATE OF ISSUANCE

VALIDATION

THIS PERMIT SUPERCEDES A PORTION/ALL OF GRADING PERMIT NO. ..... HAVING FEE YARDAGE IN THE AMOUNT OF ..... YD³

4/12/22/88 212453 370.24 GRB235 241.02 DIB235 $$$$$816.13 TOTAL

204.87 DIA235

DATE — PERMIT NO. — NUMBER — CODE — PLAN CHECK — TOTAL

GRADING INSPECTIONS RECORD

	INSPECTOR'S SIGNATURE	DATE
PRE-GRADING MEETING		
PRELIMINARY SOIL/GEOLOGY REPORT		
EARTHWORK:		
EXCAVATION		
FILLS		
SUBDRAINS		
BUTTRESSES		
OTHER		
DRAINAGE DEVICES		
OTHER		
ROUGH GRADING RELEASE:		
CIVIL CERTIFICATION		
SOILS/GEOLOGY REPORT		
CONTRACTORS STATEMENT OF COMPLIANCE		
OTHER		
PAVING:		
PRE-PAVING MEETING		
SUBGRADE		
AGG BASE		
WATER TEST & SEAL COAT		
ASPHALT CONC		
CIVIL CERT		
SOILS ENG CERT		
OTHER		
FINALS:		
SOILS/GEOL REPORTS		
CIVIL CERT		
AS-BUILTS		
OTHER		

SPECIAL DATA FOR RECORD:

1/9/89 SCHD TO START WORK 2H

1/17/89 OK — OB 2H

1/18/89 MADE SITE — OB — REQ APPROVALS 2H

1/20/89 SOIL REPORT APPROVED — ROUGH RELEASE REQ

5/15/89 REQ FINAL ENG CERT — 2H

6/23/89 REQ'D FINAL SOIL REPORT 2H

6/27/89 REQ'D FINAL DATA REC'VD FROM ENGINEERING 2H

7/25/89 REQ'D FINAL APPROVED SOILS REPT 2H

7/28/89 FINAL PERMIT 2H

FOR ADDITIONAL REQUIRED REMARKS ATTACH FORM F0260-455(9/77)

APPLICATION FOR A BUILDING PERMIT AND A CERTIFICATE OF USE & OCCUPANCY

REGIONAL OFFICE
23021 LAKE FOREST DRIVE
LAGUNA HILLS, CA 92653
714 472 7979

COUNTY OF ORANGE
ENVIRONMENTAL MANAGEMENT AGENCY
REGULATION
P.O. BOX 4048, SANTA ANA, CA 92702-4048

1 BUILDING INSPECTOR
CENTRAL OFFICE
12 CIVIC CENTER PLAZA
SANTA ANA, CA 92702
714 834 2626

PRESS HARD WHEN WRITING

TRACT	BLOCK	LOT

BUILDING ADDRESS: 15 Argonaut
AREA: Aliso Viejo CROSS STREET: glenwood
OWNER: KAMINARI Building Partners
ADDRESS: 4200 Von Karman
CITY: Newport Beach 92660 PH: 757-6100
ARCHITECT DESIGNER: LIC NO:
ADDRESS:
CITY: SPECIAL SERVICES ZIP: PH:
ENGINEER: LIC NO:
ADDRESS:
CITY: ZIP: PH:

LICENSED CONTRACTORS DECLARATION
I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000 of Division 3 of the Business and Professions Code, and my license is in full force and effect.
License Class _____ License Number _____
Date _____ Contractor _____
ADDRESS _____
CITY AND ZIP _____ PHONE _____

CONSTRUCTION LENDING AGENCY
I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.). LENDER'S NAME _____
LENDER'S ADDRESS _____

OWNER-BUILDER DECLARATION
I hereby affirm that I am exempt from the Contractor's License Law for the following reason:
☒ I as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale.
☐ I as owner of the property, am exclusively contracting with licensed contractors to construct the project.
☐ I am exempt under Sec. _____ B&P Code for this reason _____
Date 8/9/89 OWNER Sandra Hauser

WORKERS' COMPENSATION DECLARATION
I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation insurance, or a certified copy thereof. POLICY NO. _____
COMPANY _____
DATE EXPIRES _____
VERIFIED _____
Date _____ APPLICANT _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE
(This section need not be completed if permit is for $100 or less)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.
Date _____ APPLICANT _____
NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS COUNTY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

Sandra Hauser 8/9/89
Signature of Applicant or Agent Date
SANDRA HAUSER
Print Applicant's Agent's Name

INSTNS / REMARKS:
SPECIAL SERVICES

THE FOLLOWING WORK IS AUTHORIZED IN THIS PERMIT:
☒ STRUCT ☐ PLUMB ☐ MECH ☐ ELECT SPECIFY OTHER BELOW

TYPE OF PROJECT: ☒ NEW ☐ ALTER ☐ ADDIT
☐ REPAIR ☐ CONVERT ☐ DEMO ☐ OCCUPANCY PMT

A.P. 1623-093-10		SUP DIST/ INSP AREA 5B	CLIMATE ZONE
ZONE PC	FLOOD PLAIN *	SPL PMT NO	
SET BACKS:	P/L FRONT	C/L ST	STREET WIDTH
YARDS:	LEFT 100 feet	RIGHT	REAR
PROJECTIONS:	LEFT EAVE per plans	RIGHT EAVE	FP
PARKING SPACES:	REQ'D	PROVID	COVERED
STRUCT HEIGHT	NO. OF STORIES		NO. OF FAMILIES
PARK FEES REQUIRED ☐ YES ☐ NO	C.T. NO		FEE RECEIPT NO.
ZONING APPROVED BY: KRothman			DATE 8-9-89

REMARKS

PROPOSED USE OF STRUCTURE: monument address sign access to comm'l Bldg.

OCC CLASS	TYPE CONST	CODE YEAR	OCC CODE #
M2	VN	85	

USE/OCCUPANCY	SIZE SQ. FT
1 11 15	3744
2	
3	

TOTAL VALUATION: $ 500

GRADING PMT REQUIRED ☐ YES ☒ NO | GRADING PMT NO

ROUGH GRADING APPROVED BY: | DATE

REMARKS INSTNS /

PERMIT FEES

ELECT. SERV. METER		STRUCTURAL	16.05
ELECTRICAL		ISSUANCE FEE	8.03
PLUMBING		SUBTOTAL	24.08
MECHANICAL			
GAS SERV. METER		PLAN CHECK	6.42
PRE GRADE INSPN.		TOTAL PERMIT FEE:	30.50

SEP 7 1989

PLAN CHECK BY: _____ ISSUANCE APPROVED _____

5 Argonaut

4 08/09/89 69693 24.08 ASB260 6.42 ASA240 $$$$$$$30.50 TOTAL

PERMIT NO. PERMIT FEE CODE PLAN CHECK CODE TOTAL

TYPE INSPECTION

INSPECTION RECORDS

PLUMBING	DATE	APPROVED INSP'R'S SIGNATURE	REMARKS
GROUND SOIL			
GROUND WATER			
TOP OUT			
SEWER			
GAS TEST			
SANI-DIST. CERT. REQ'D.			
FINAL PLUMBING			
MECHANICAL	**DATE**	**APPROVED INSP'R'S SIGNATURE**	**REMARKS**
UNDERGROUND			
ROUGH			
COMB. VENT			
AIR COND.			
FINAL MECHANICAL			
ELECTRICAL	**DATE**	**APPROVED INSP'R'S SIGNATURE**	**REMARKS**
TEMP. CONSTN. POWER			
UNDERGROUND PVC-METAL-D.B.C.			
ROUGH WIRING RECEPT. SPACING SERVICE - CIRCUIT			
FIXTURES - TRIM BONDINGS			
POOL LIGHT			
REQ'D. FENCE/WALL			
FINAL ELECTRICAL			
STRUCTURAL	**DATE**	**APPROVED INSP'R'S SIGNATURE**	**REMARKS**
FOUNDATION LOCATION REINFORCED ✓	8/15/69	M. Combs	
SLAB REINF ☐ MEMBRANE ☐			
UNDERPINNING			
MASONRY BOND BEAM			
FIREPLACE			
ROOF FRAMING ROOF SHEATHING			
FRAMING			
INSULATION SOUND-ENERGY			
LATH EXTERIOR			
LATH INTERIOR			
DRYWALL			
PLASTER BROWN COAT			
		APPROVED INSP'R'S	
BUILDING FINAL	8/29/69	D.I. Cox	
ZONING FINAL			

APPLICATION FOR A BUILDING PERMIT AND A CERTIFICATE OF USE & OCCUPANCY

BUILDING INSPECTOR

REGIONAL OFFICE
22921 TRITON WAY
LAGUNA HILLS, CA 92653
714 472-7979

COUNTY OF ORANGE
ENVIRONMENTAL MANAGEMENT AGENCY
REGULATION
P.O. BOX 4048, SANTA ANA, CA 92702-4048

CENTRAL OFFICE
12 CIVIC CENTER PLAZA
SANTA ANA, CA 92702
714 834-2626

PRESS HARD WHEN WRITING

BUILDING ADDRESS

TRACT: TPM 85-58 | BLOCK: — | LOT: 12

BUILDING ADDRESS: 15 Argonaut

AREA: Aliso Viejo | CROSS STREET:

OWNER: Kaminari Inc.

ADDRESS: 515 Lambert Rd

CITY: Brea ZIP: 92621 PH:

ARCHITECT/DESIGNER: LIC NO:

ADDRESS:

CITY: ZIP: PH:

ENGINEER: LIC NO:

ADDRESS:

CITY: ZIP: PH:

SPECIAL SERVICES

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class _____ License Number _____

Date 8-2-89 Contractor KAMINARI Build.

ADDRESS 4200 Von Karman Ave. Ste 200

CITY AND ZIP Newport Beach 92660 PHONE 752-0700

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097 Civ. C.). LENDER'S NAME _____

LENDER'S ADDRESS _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason:

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale.

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project.

☐ I am exempt under Sec. _____ B&P C. for this reason _____

Date 8/2/89 OWNER Sandra Hauser

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof. POLICY NO. _____

COMPANY _____

DATE EXPIRES _____

VERIFIED _____

Date _____ APPLICANT _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if permit is for $100 or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date _____ APPLICANT _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS COUNTY TO ENTER UPON THE ABOVE MENTIONED PROPERTY FOR INSPECTION PURPOSES.

X Sandra Hauser 8/2/89

Signature of Applicant or Agent — Date

X SANDRA HAUSER

Print Applicant's Agent's Name

INSTNS./ REMARKS:

THE FOLLOWING WORK IS AUTHORIZED IN THIS PERMIT:

X STRUCT ☐ PLUMB ☐ MECH ☐ ELECT SPECIFY OTHER BELOW

TYPE OF PROJECT: X NEW ☐ ALTER ☐ ADDIT ☐ REPAIR ☐ CONVERT ☐ DEMO ☐ OCCUPANCY PMT

AP 623-093-10, 11		SUP DIST/ INSP AREA 3B	CLIMATE ZONE
ZONE PC	FLOOD PLAIN #	SPL PMT NO	
SET BACKS:	P/L FRONT	C/L ST	STREET WIDTH
YARDS:	LEFT	RIGHT	REAR
PROJECTIONS:	LEFT EAVE per Plot Plan	RIGHT EAVE	FP
PARK'G. SPACES:	REQ'D	PROVID	COVER'D
STRUCT HEIGHT	NO. OF STORIES	NO. OF FAMILIES	
PARK FEES REQUIRED ☐ YES ☐ NO	C.T. NO	FEE RECEIPT NO.	
ZONING APPROVED BY Hall		DATE 8-2-89	

REMARKS:

PROPOSED USE OF STRUCTURE: One monument sign - one non illuminated foam letter sign

OCC CLASS	TYPE CONST	CODE YEAR	OCC CODE #
M2	VN	85	

USE/OCCUPANCY	SIZE SQ. FT.
1 "Monument" 15'	37.5 ft
2 (Logo) KAMINARI	80 ft
3	
TOTAL VALUATION $2000	

GRADING PMT REQUIRED ☐ YES X NO | GRADING PMT NO

ROUGH GRADING APPROVED BY: | DATE

REMARKS INSTNS.:

PERMIT FEES

ELECT. SERV. METER		STRUCTURAL	46.15
ELECTRICAL		ISSUANCE FEE	8.03
PLUMBING		SUBTOTAL	54.18
MECHANICAL			
GAS SERV. METER		PLAN CHECK	18.46
PRE GRADE INSPN.		TOTAL PERMIT FEE:	72.64

SEP 7 1989

PLAN CHECK BY: F. Farrell | ISSUANCE APPROVED: F. Farrell

(88) (7) 955-5020

1 08/02/89 69572 54.18 ASB260 18.46 ASA240 $$$$$$72.64 TOTAL

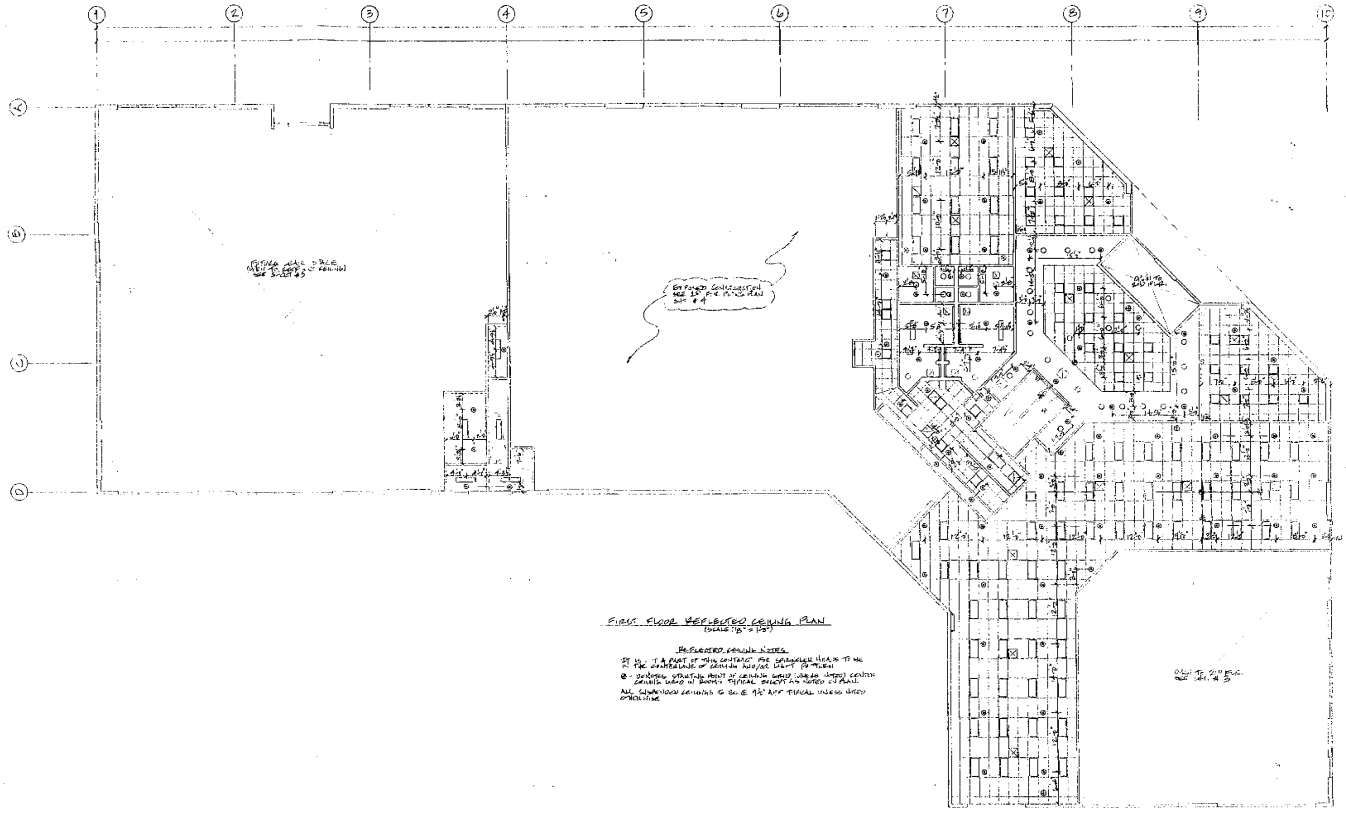
PAY'T TYP | PAY'T DATE | PERMIT NO. | PERMIT FEES | CODE | PLAN CHECK FEES | CODE | TOTAL FEES

VALIDATION USE ONLY

TYPE INSPECTION

INSPECTION RECORDS

PLUMBING	DATE	APPROVED INSP'R'S SIGNATURE	REMARKS
GROUND SOIL			
GROUND WATER			
TOP OUT			
SEWER			
GAS TEST			
SANI DIST CERT REQ'D			
FINAL PLUMBING			
MECHANICAL	**DATE**	**APPROVED INSP'R'S SIGNATURE**	**REMARKS**
UNDERGROUND			
ROUGH			
COMB VENT			
A/R COND			
FINAL MECHANICAL			
ELECTRICAL	**DATE**	**APPROVED INSP'R'S SIGNATURE**	**REMARKS**
TEMP CONSTN POWER			
UNDERGROUND PVC METAL CHG			
ROUGH WIRING RECEPT SPACING SERVICE CIRCUIT			
FIXTURES TRIM BONDINGS			
POOL LIGHT			
REQ'D FENCE/WALL			
FINAL ELECTRICAL			
STRUCTURAL	**DATE**	**APPROVED INSP'R'S SIGNATURE**	**REMARKS**
FOUNDATION LOCATION REINFORCED	8/15/89	M Carrillo	
SLAB REINF MEMBRANE			
UNDERPINNING			
MASONRY BOND BEAM			
FIREPLACE			
ROOF FRAMING ROOF SHEATHING			
FRAMING			
INSULATION SOUND/ENERGY			
LATH EXTERIOR			
LATH INTERIOR			
DRYWALL			
PLASTER BROWN COAT			
		APPROVED INSP'R	
BUILDING FINAL	8/29/89	M Carrillo	
ZONING FINAL			



FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

REFLECTED CEILING NOTES

1. ALL LIGHTING FIXTURES SHOWN ARE TYPICAL UNLESS OTHERWISE NOTED.

Orange County Fire Department
Fire Prevention Bureau
APPROVED
Plans not to be construed as approval of violations of any law.

CALL 2 WORKING DAYS IN ADVANCE TO SCHEDULE INSPECTION
TECTO CONSTRUCTORS
PHONETIC: 466-9675

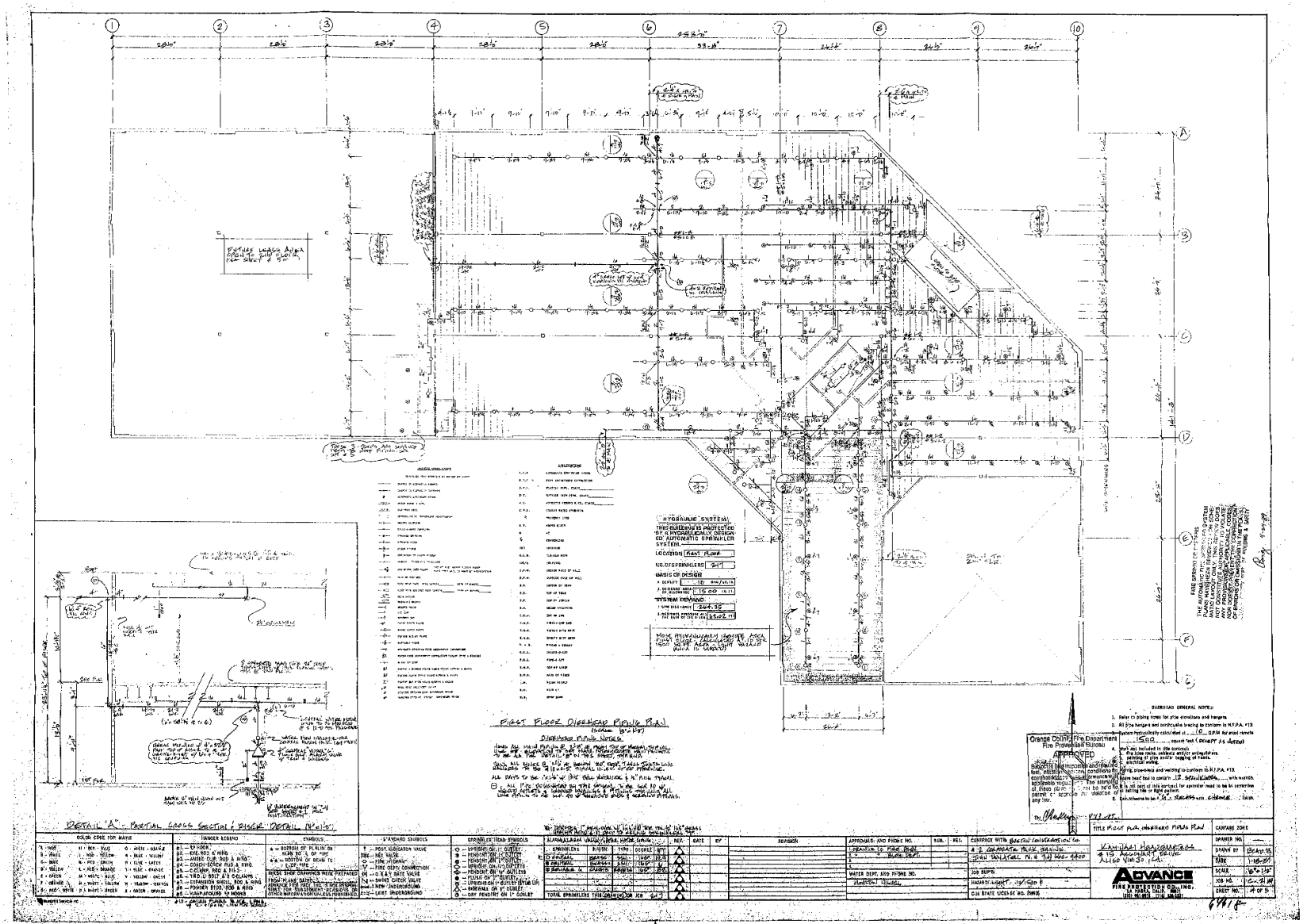
COLOR CODE FOR MAINS				HANGER LEGEND	SYMBOLS	STANDARD SYMBOLS	SPRINKLER HEAD SYMBOLS	ALARM VALVE / WATER FLOW DATA	REVISION	APPROVALS AND PHONE NO.	CONTRACT WITH (SECTION) CALIFORNIA CO.	TITLE 1ST FLR. W. FLEXIBLE CEILING PLAN	CARPARK ZONE
A - NEW	H - RED - BLUE	O - WHITE - ORANGE	B1 — UP HOOK	⊕ = BOTTOM OF PURLIN OR SLAB TO ⊕ OF PIPE	↑ — POST INDICATOR VALVE	○ — UPRIGHT ON 1" OUTLET	SPRINKLERS	RISER	NO.	DATE	BY		DRAWN NO.
B - WHITE	J - RED - YELLOW	R - WHITE - YELLOW	B2 — EYE ROD & RING	⊕ = BOTTOM OF PURLIN OR SLAB TO ⊕ OF BEAM TO ⊕ OF PIPE	DRY — DRY VALVE	● — PENDENT ON 1" OUTLET	TYPE	SIZE	QTY				
C - BLUE	K - RED - GREEN	S - BLUE - GREEN	B3 — ANGLE CLIP, ROD & RING		⊙ — FIRE DEPT. CONNECTION	◇ — PENDENT ON 1" OUTLET							
D - YELLOW	L - RED - ORANGE	T - BLUE - WHITE	B4 — CLEVIS, ROD & RING		FDC — 6 WAY GATE VALVE	◇ — UPRIGHT ON 1" OUTLETS							
E - GREEN	M - WHITE - RED	V - YELLOW - GREEN	B5 — TURN BUCKLE & 2 EYE RODS	THREE SIDED DARKENED WITH PREFIXES	⊗ — PENDENT ON 1" OUTLETS								
F - ORANGE	N - WHITE - GREEN	W - YELLOW - ORANGE	B6 — CLEVIS, U-BOLT, ROD & RING	FOR ALARM VALVE:	● — FLUSH ON 1" OUTLET								
G - RED - WHITE	P - WHITE - BLUE	X - GREEN - ORANGE	B7 — EXPANSION BOLT, ROD & RING	FOR FLOW SWITCH:	● — UPRIGHT ON 1" OUTLET								
			B8 — HANGER SPRD. ROD & RING	FOR TAMPER SWITCH:	● — UPRIGHT ON 1" OUTLET STUB UP								
			B9 — WALL MOUNTED 12 HOOKS		● — SIDEWALL ON 1" OUTLET								
					○ — DRY PENDENT ON 1" OUTLET								

TOTAL SPRINKLERS THIS DRAWING OR JOB

1. ORANGE CA. FIRE DEPT.	1. CARPARET WORK, SIDING, ROOFING	K-MART #3911 HEADQUARTERS
2.	SEE DETAIL SHEET	4 1/2 MACARTHUR CENTRE
3.		ALISO VIEJO, CA
WATER SUPP. AND PHONE NO.	JOB SUPPT. (949) - 714	
MISSION VIEJO WATER DISTRICT	INLAND LIGHT SYS.	
	CSB STATE LICENSE NO. 338106	

ADVANCE
FIRE PROTECTION CO., INC.
701 MONTE VISTA, SUITE A
COVINA, CA 91723
(818) 966-1581 FAX (818) 966-1583

DRAWN BY	BMD
DATE	7-10-89
SCALE	1/8"=1'-0"
JOB NO.	C-2181
SHEET NO.	2 OF 5



FIRST FLOOR DIESTAND PIPING PLAN
(SCALE: 1/8" = 1'-0")

DIESTAND PIPING NOTES

HYDRAULIC SYSTEM:
THIS BUILDING IS PROTECTED BY A HYDRAULICALLY DESIGN 60 AUTOMATIC SPRINKLER SYSTEM.
LOCATION: FIRST FLOOR
NO. OF SPRINKLERS: 247
BASIS OF DESIGN:
1. DENSITY: .10 GPM/SQ.FT.
2. AREA OF OPERATION: 1500 SQ.FT.
SYSTEM DEMAND:
1. SPRINKLERS: 244.35 GPM
2. HOSE STREAM ALLOWANCE: 250.00 GPM
TOTAL: 494.35 GPM

DIESTAND GENERAL NOTES:
1. Refer to piping notes for pipe elevations and hangers.
2. All pipe hangers and earthquake bracing to conform to N.F.P.A. #13.
3. System hydraulically calculated at ..... 10 ..... G.P.M. for most remote ..... 1500 ..... square feet (CONCEPT AS Actual)
4. Work not included in this contract:
   a. Fire hose racks, cabinets and/or extinguishers.
   b. Painting of pipe and/or hanging of hooks.
   c. Electrical wiring.
5. Piping, pipe-sizes and welding to conform to N.F.P.A. #13.
6. Each hose head is to contain 1/2" Spitzglass, ... with nozzle.
7. It is not part of this contract for sprinkler head to be in connection with ceiling tile or light pattern.
8. Fire alarm to be by ..... with Gilbarco ..... Unit.

Orange County Fire Department
Fire Prevention Bureau
APPROVED
SUBJECT TO THE FOLLOWING CONDITIONS: The approval of these plans does not include any conditions or approvals of conflicting features which may be discovered subsequent to review by this office. The approval of these plans shall not be interpreted to be an approval of the omission of any item.
By [signature] 6-17-87

DETAIL "A" - PARTIAL LOOSE SECTION & RISER DETAIL (NO SCALE)

COLOR CODE FOR MAINS

HANGER ASSEMBLY

STANDARD SYMBOLS

SPRINKLER HEAD SYMBOLS

ALARM/ALARM VALVE/WATER MOTOR GONG

NO.	SPRINKLERS	ORIFICE	TYPE	DISCHARGE	AREA
1	STANDARD	.40	UPR	10.9	1500
2	STANDARD	.50	UPR	16.3	1500
3	STANDARD	.50	UPR	16.3	1500
4	STANDARD	.50	UPR	16.3	1500
5	STANDARD	.50	UPR	16.3	1500
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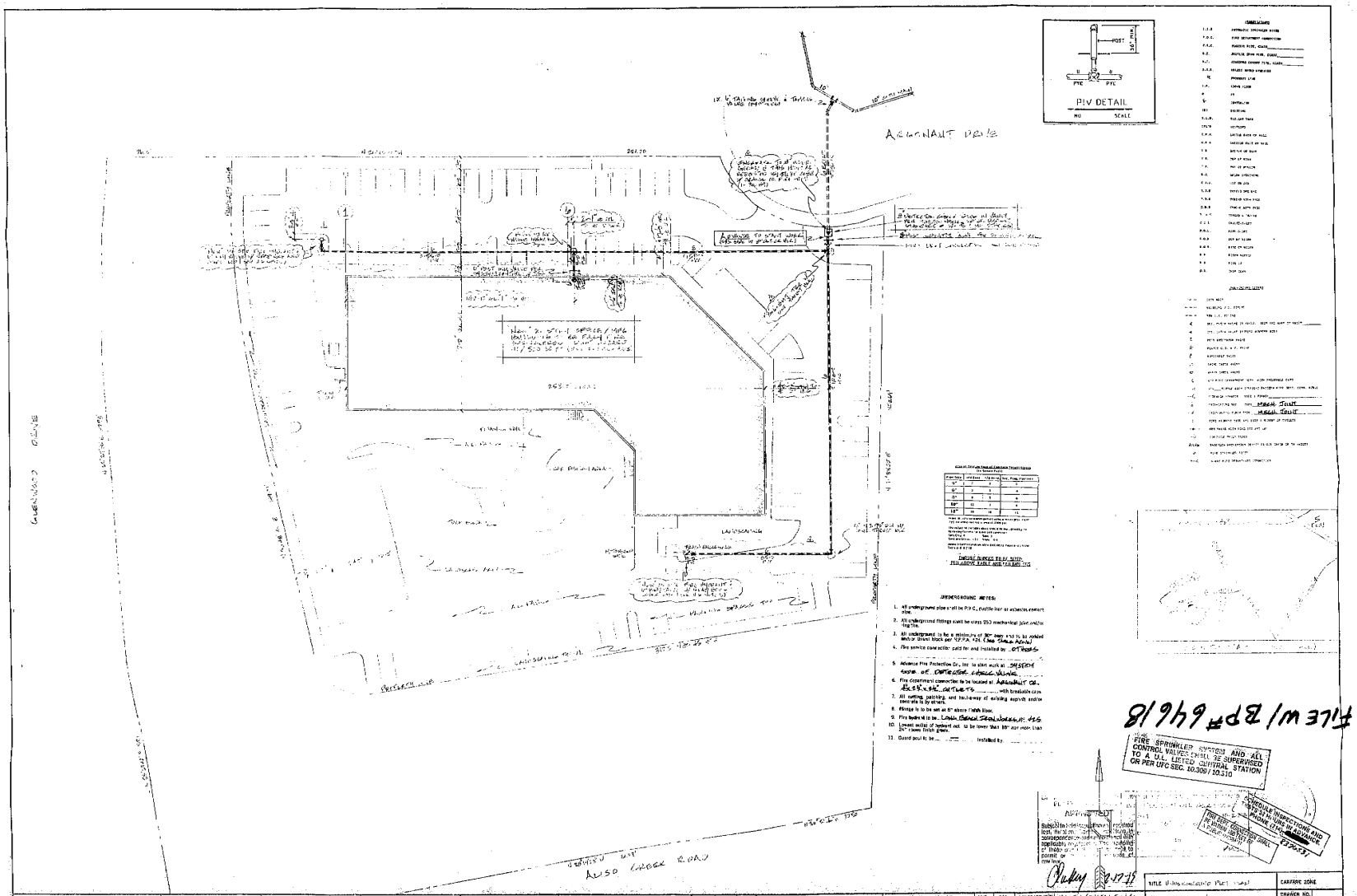
TOTAL SPRINKLERS THIS CONTRACT 247

REVISION | APPROVED: JOB PRINT NO. | SUB. | REV. | DATE | BY

CONTRACT WITH: ELECTRIC CONSTRUCTION CO.
2 COLORADO TRADE BUILDING
2040 VON KARMAN, IRVINE, CA 714 660-4800
JOB SUPT.
WATER DEPT. APPROVAL NO.
HAZARD CLASS: LIGHT
CSB STATE LICENSE NO. 298878

ADVANCE FIRE PROTECTION CO., INC.
TITLE: FIRST FLOOR DIESTAND PIPING PLAN
KAMIAKI HEADQUARTERS
150 MCCONNELL DRIVE
ALISO VIEJO, CA.
DRAWN NO.
DRAWN BY: DSCAPP
DATE: 1-16-87
SCALE: 1/8"=1'-0"
JOB NO.: C-21-M
SHEET NO.: 4 OF 5

CAUTION: ZONE



COLOR CODE FOR MARKS			HANGER LEGEND	SYMBOLS	STANDARD SYMBOLS	SPRINKLER HEAD SYMBOLS	ALARM: Argonaut UL/WFPE Horse Shoulder
A - RED	H - RED - BLUE	O - WHITE - ORANGE	#1 - SPHOOK	A = BOTTOM OF RAFTER OR SLAB TO ↓ OF PIPE	T — POST INDICATOR VALVE	○ — UPRIGHT ON 1" OUTLET	SPRINKLERS / FINISH / TYPE / DIGGLE / QTY
B - WHITE	I - RED - YELLOW	R - BLUE - YELLOW	#2 — EYE ROD & RING	A & = BOTTOM OF BEAM TO ↓ OF PIPE	SV — PIV VALVE	● — PENDENT ON 1" OUTLET	
C - BLUE	K - RED - GREEN	G - BLUE - GREEN	#3 — ANGLE CLIP, ROD & RING		FH — FIRE HYDRANT	● — RECESSED ON 1" OUTLET	
D - YELLOW	L - RED - ORANGE	P - BLUE - ORANGE	#4 — COACH SCREW ROD & RING		— FIRE DEPT. CONNECTION	◇ — UPRIGHT ON ½" OUTLETS	
E - GREEN	M - WHITE - BLUE	V - YELLOW - GREEN	#5 — CLAMP, ROD & RING	THESE SHOP DRAWINGS WERE PREPARED FROM PLANS DATED:	SV — O.S.& Y. GATE VALVE	◆ — PENDENT ON ½" OUTLETS	
F - ORANGE	N - WHITE - YELLOW	W - YELLOW - ORANGE	#6 — THRU U BOLT & U CLAMPS		S — SWING CHECK VALVE	◆ — FLUSH ON ½" OUTLET	
G - RED - WHITE	P - WHITE - GREEN	X - GREEN - ORANGE	#7 — EXPANSION SHIELD, ROD & RING	ADVANCE FIRE PROT. INC. IS NOT RESPONSIBLE FOR SUBSEQUENT REVISIONS OR OTHER INFORMATION UNLESS FURNISHED	— NEW UNDERGROUND	◆ — UPRIGHT ON 1" OUTLET (STUB UP)	
			#8 — POWDER DRIVE, ROD & RING		E-E — EXIST UNDERGROUND	△ — SIDEWALL ON 1" OUTLET	
			#9 — WOOD SCREW TO WOOD			◇ — DRY PENDENT ON 1" OUTLET	TOTAL SPRINKLERS THIS DRAWING OR JOB

REV.	DATE	BY	REVISION
1	1-30-01	MARK	VALVE SHOT & WORK TO EXISTING SYSTEM AS REQUIRED BY ARGONAUT CO. ADD FIRE DEPARTMENT CONNECTION
2			
3			
4			
5			
6			
7			

APPROVALS AND PHONE NO.

		SUB.	ACT.
1. FIRE DEPT. OR FIRE PREV. OFFICE		YES	1000
2. PLANS CHECK			
3.			
4.			
WATER DEPT. AND PHONE NO.			
MARIPOSA IRRIGATED WATER CO. P.O. BOX 369			

CONTRACT WITH LICENSED FIRE SPRINKLER CONTRACTOR

I, CONTRACTOR, HEREBY AGREE TO FURNISH AND INSTALL THE FIRE SPRINKLER SYSTEM AS SHOWN ON THESE PLANS AND SPECIFICATIONS FOR THE SUM OF $ _____

JOB SUPT. _____

HAZARD: LIGHT (WITH NO PUMP HAZARD)

CA STATE LICENSE NO. 720508

TITLE: ARGONAUT HOUSE

ARGONAUT HOUSE
4 1/2 MOUNDHOUSE DRIVE
MIWOK VILLAGE, CALIF.

ADVANCE
FIRE PROTECTION CO., INC.
P.O. BOX 369
(209) 966-4616 (559) 683-8621

CAD FILE

DRAWN NO.

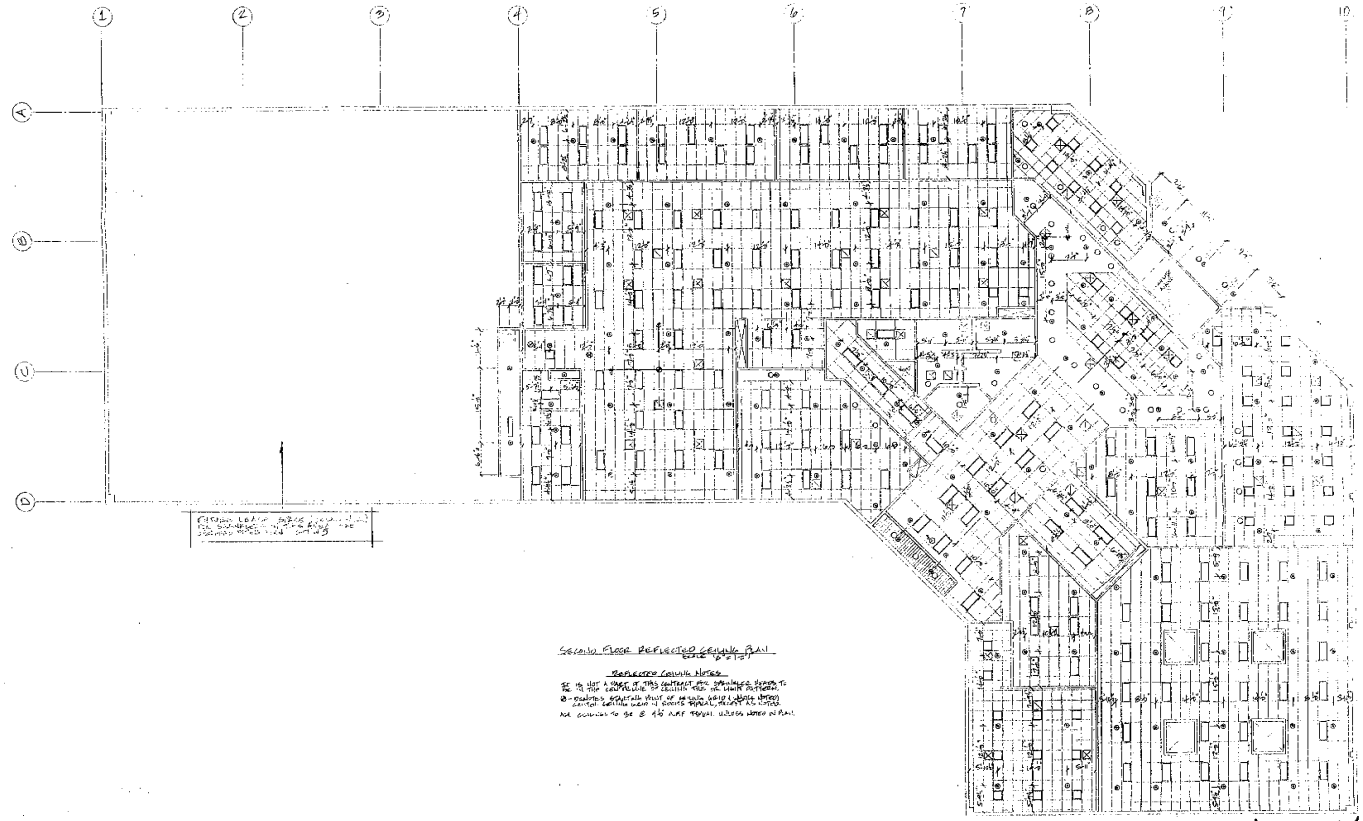
DRAWN BY: MARK

DATE: 1-18-01

SCALE: 1"=20'-0"

JOB NO.: C-12-01

SHEET NO.: 1 OF



SECOND FLOOR REFLECTED CEILING PLAN

REFLECTED CEILING NOTES

BE IN LIEU OF A PORTION OF THIS CONTRACT. ALL SPRINKLERS SHOWN TO BE FLUSH CEILING TYPE UNLESS NOTED OTHERWISE.
⊕ - RECESSED, ADJUSTABLE SPOT OF AN EQUAL QUALITY APPROVED BY ARCHITECT. LIGHTING SHOWN IS GUIDED SYMBOL, REFER TO SPECIFICATIONS FOR NOTES.
ALL CEILINGS TO BE 5/8 TYPE 'X' GYP. BD. UNLESS NOTED OTHERWISE.

FIRE SPRINKLER SYSTEM
THE AUTOMATIC FIRE SPRINKLER SYSTEM
PLANS HAVE BEEN REVIEWED BY THIS OFFICE AND
HAVE BEEN FOUND TO BE IN COMPLIANCE WITH
THE CONSTRUCTION CODES. THIS REVIEW DOES
NOT CONSTITUTE APPROVAL TO VIOLATE
ANY LAWS, ORDINANCES OR REGULATIONS. THIS
REVIEW DOES NOT AUTHORIZE THE OMISSION OR
NON-CONFORMANCE WITH ANY CORRECTIONS
REQUIRED BY THE BUILDING OFFICIAL HAVING
JURISDICTION DURING THE COURSE OF
CONSTRUCTION OF BUILDING & SAFETY

PLAN APPROVED BY [signature] DATE 1-24-06

File with B.P. 64618

Orange County Fire Department
Fire Prevention Division
APPROVED
Subject to field inspection and approval
By Charley DATE 2-1-06

COLOR CODE FOR WIRES				HANGER LEGEND	SPANDRELS	STANDARD SYMBOLS	SPRINKLER HEAD SYMBOLS
A - RED	M - RED - BLACK	S - WHITE - ORANGE	#1 — U-HOOK	⊕ = BOTTOM OF PIPE/DUCT ON SAME TO 6" OF PIPE	T — POST INDICATOR VALVE	○ — UPRIGHT OR 1" OUTLET
B - WHITE	J - RED - YELLOW	R - RED - YELLOW	#2 — EYE ROD & RING	⊕⊕ = BOTTOM OF BEAM TO 6" OF PIPE	KEY — KEY VALVE	● — PENDENT ON 1" OUTLET
C - BLUE	N - RED - GREEN	B - BLUE - GREEN	#3 — ADJUSTABLE EYE, ROD & RING		⋈ — FIRE HYDRANT	⊙ — PENDENT ON 3/4" OUTLET
D - YELLOW	L - RED - ORANGE	T - BLUE - ORANGE	#4 — COACH SCREW ROD & RING	SEE SHOP DRAWINGS WHERE PREPARED FROM FLOOR LEVEL	⋈ — FIRE DEPT. CONNECTION	⊙ — SIDEWALL ON 1/2" OUTLET
E - GREEN	M - WHITE - RED	V - YELLOW - GREEN	#5 — C-CLAMP, ROD & RING		⋈ — 0.8 S.Y. GATE VALVE	◆ — FLUSH ON 1" OUTLET
F - ORANGE	N - WHITE - YELLOW	W - YELLOW - ORANGE	#6 — TWO 11 BOLT & 2 C-CLAMPS		⋈ — SWING CHECK VALVE	◆ — UPRIGHT ON 1" OUTLET (STUB UP)
G - RED - WHITE	P - WHITE - GREEN	X - GREEN - ORANGE	#7 — EXPANSION SHIELD, ROD & RING		— NEW UNDERGROUND	△ — SIDEWALL ON 1" OUTLET
			#8 — POWDER STUD, ROD & RING		— EXIST UNDERGROUND	▽ — DRY PENDENT ON 1" OUTLET
			#9 — WRAP-AROUND 'U' HOOKS			

SPRINKLERS	FINISH	TYPE	DEGREE	QTY.
@ SEISMIC "A"	CHROME	PENDENT	1/2"	[illegible]
TOTAL SPRINKLERS THIS DRAWING OR JOB				

REV.	DATE	BY	REVISION
1			
2			
3			
4			
5			
6			

APPROVALS AND PHONE NO. — SUB. — REF.
UNDERGROUND FIRE MAIN
ABOVE GROUND FIRE MAIN
WATER DEPT. AND PHONE NO.
MUNICIPAL UNDERGROUND WATER SYSTEM

CONTRACT WORK SUBJECT TO CONSTRUCTION CHANGE
OF SPRINKLERS ADDED
OF SPRINKLERS REMOVED
OF SPRINKLERS RELOCATED
JOB SUPPLY
HAZARD: LIGHT - 10,000 SQ FT. MAX. SPACING 15 FT. MAX. SPACING
OTHER THAN LIGHT - 52 GPM 225 SQ FT. MAX. SPACING
C-16 STATE LICENSE NO. 711938

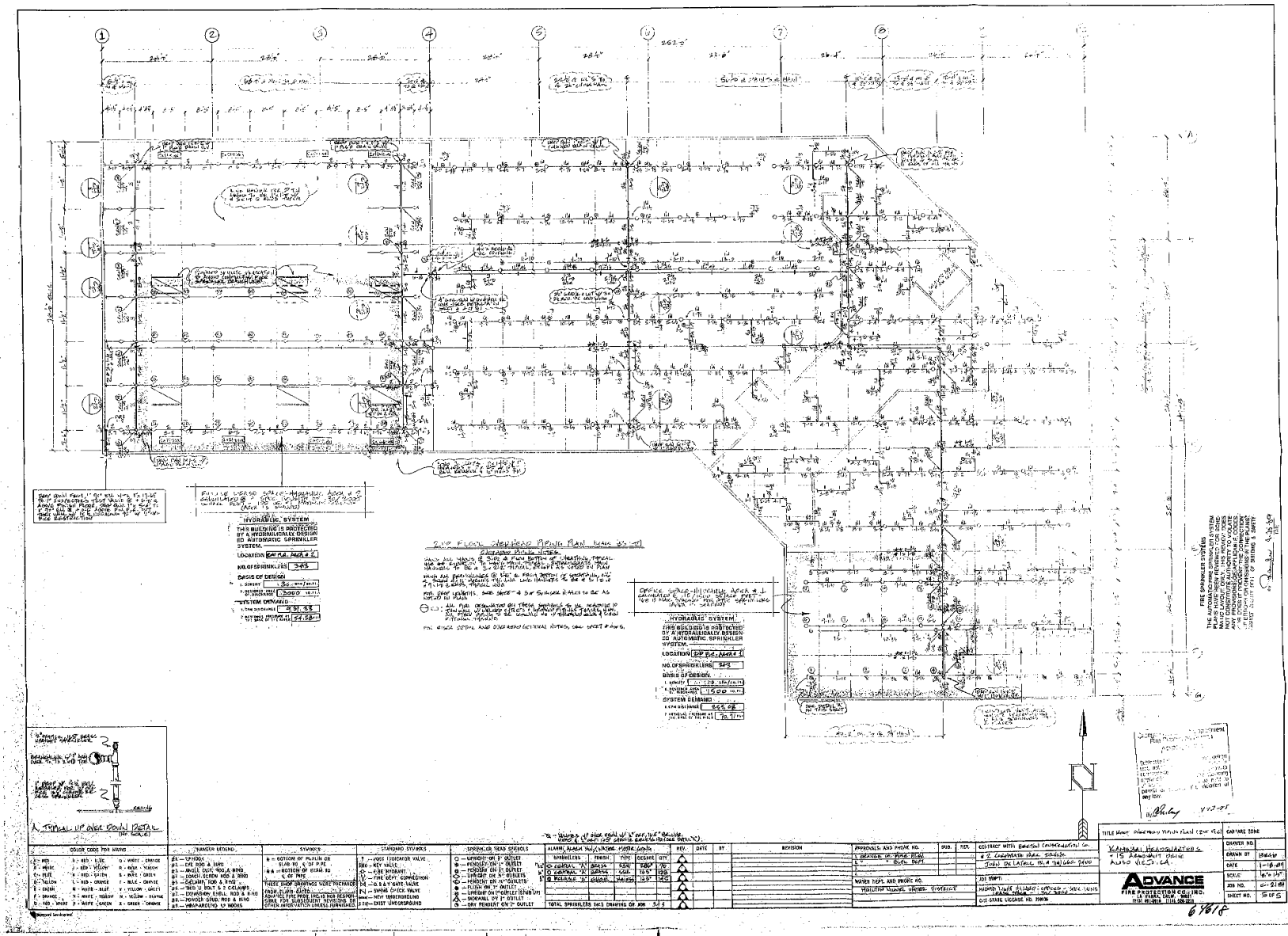
TITLE 22 FIRE SPRINKLERS CEILING PLAN

KAMIAKI HEADQUARTERS
615 ATLANTIC DRIVE
ALISO VIEJO, CA

ADVANCE
FIRE PROTECTION CO., INC.
14 PARK CIRCLE, IRVINE
(714) 951-0900 (714) 529-2021

DRAWING NO.	
DRAWN BY	DEAP
DATE	1-18-06
SCALE	1/8" = 1'-0"
JOB NO.	C-6181
SHEET NO.	3 OF 5

GARAGE ZONE



COLOR CODE FOR MARKS	TRANSFER LEGEND	SYMBOLS	STANDARD SYMBOLS	SPRINKLER HEAD SYMBOLS
1 - RED	A1 — TYPICAL	⊕ — BOTTOM OF PLAIN OR SLAB RD. & OF PIPE	↑ — POST INDICATOR VALVE	○ — UPRIGHT OR 3" OUTLET
2 - BLUE	A2 — EYE ROD & BIRD	⊕⊕ — BOTTOM OF BEAM RD. & OF PIPE	BFV — BFY VALVE	⊕ — PENDENT ON 1" OUTLET
3 - YELLOW	B1 — ANGLE CLIP, ROD & BIRD		◇ — FIRE HYDRANT	⊙ — HORIZONTAL OR 1" OUTLET
4 - GREEN	B2 — COACH SCREW, ROD & BIRD		C — FIRE DEPT. CONNECTION	⊙ — UPRIGHT OR 1" OUTLET
5 - ORANGE	B3 — CLEVIS, ROD & PIPE	THESE SHOP DRAWINGS WERE PREPARED FROM PLANS AND SPECIFICATIONS FURNISHED BY OTHERS. ADDITIONAL REVISIONS TO SUPPLEMENT THESE DRAWINGS MAY BE REQUIRED BY LOCAL FIRE PREVENTION BUREAU OR OTHER AUTHORITIES HAVING JURISDICTION.	PIV — O.S.&Y. GATE VALVE	⊙ — HORIZONTAL OR 1" OUTLET
6 - BROWN	B4 — U BOLT & 2 CLEVIS		PV — SWING DISC VALVE	⊕ — FLUSH ON 1" OUTLET
7 - BLACK	B5 — EXPANSION SHIELD, ROD & BIRD		— NEW UNDERGROUND	⊕ — UPRIGHT ON 1" OUTLET (STRAIGHT)
8 - MULTI-COLOR	B6 — POWDER STUD, ROD & BIRD		— EXIST UNDERGROUND	△ — SIDEWALL OR 1" OUTLET
	B7 — WIRE-AROUND TO HOOKS			◇ — DRY PENDENT ON 1" OUTLET

SPRINKLER HEADS	MAKE	TYPE	ORIFICE	TEMP.	QTY.
"A" CENTRAL	BASCO	K-56	5/8"	286°	70
"A" CENTRAL	BASCO	K-56	1/2"	165°	128
"A" RESIDENTIAL	BASCO	TY-3232	1/2"	165°	125
TOTAL SPRINKLERS THIS DRAWING OR JOB					323

REVISION	BY	DATE	REV.

APPROVALS AND PHONE NO.	SUB.	REF.
1 DEVIATION OR PIPE PLAN		
2 " " " DEPT.		
3		
4		
WATER DEPT. AND PHONE NO.		
FIRE DEPT. AND PHONE NO.		

CONTRACT WITH: Bakersfield Construction Co.
JOB NAME: # 2 Coordinate Plan Sheets
Jodi De La Peal Rd. & Jodi Dr. 1450
JOB ADDRESS: Number, Street, City and Zip Code
OSHPD PROJECT NUMBER: (If applicable)
CSLB LICENSE NO. 298576

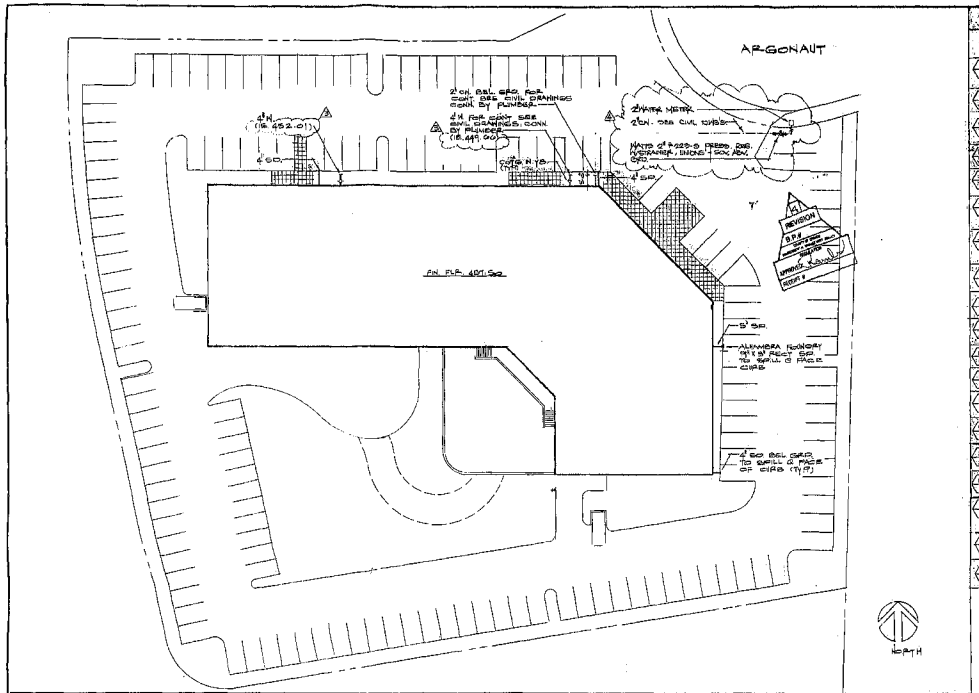
TITLE SHEET, Grid Plan, Piping Plan (2nd Flr.)
V-National Headquarters - 15 Aircraft Drive Ridgecrest, CA

ADVANCE FIRE PROTECTION CO., INC. 1911 Wilbur Ave. Antioch, CA 94509 (925) 757-2800 FAX (925) 757-2801

CAD FILE ZONE

DRAWN BY	BRADY
DATE	1-18-07
SCALE	1/8"=1'-0"
JOB NO.	6-2108
SHEET NO.	SPS

6/6/18



PLUMBING SITE PLAN SCALE: 1"=20'-0"

PLUMBING FIXTURE SCHEDULE

ITEM	FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	WASTE FU	COLD WATER FU	DESCRIPTION (AMERICAN STANDARD FIXTURE EXCEPT AS NOTED)
WC-1	WATER CLOSET	4"	2"	1½"	—	6	10	WATER-SAVER MADERA #2231.018 FLR. MTD. SIPHON JET ACTION. ELONGATED BOWL, VITREOUS CHINA. 1½" TOP SPUD. "ADVANCE HEAVY DUTY. #95 WHITE OPEN FRONT SEAT W/CS BUMPER. MANUFACTURED. SLOAN 111-1 FLUSH VALVE
WC-2	WATER CLOSET	4"	2"	1½"	—	6	10	SAME AS WC-1 EXCEPT WAY-720-1 TRAP PRIMER OUTLET & SLOAN ROYAL 111-3 FLUSH VALVE
WC-3	HANDICAPPED WATER CLOSET	4"	2"	1½"	—	10	6	ELONGATED WATER SAVER CHAIR #3466.016, FLR. MOUNTED ELONGATED BOWL. 15" RIGH. SIPHON JET ACTION. VITREOUS CHINA. 2-BOLT CAPS. SUPPLY. CHLORITE #95 OPEN FRONT. WHITE SEAT. SLOAN 130-A FLUSH VALVE. 1½" TOP SPUD
U-1	URINAL	2"	1½"	½"	—	2	5	STANDARD #6030.001. 14 TOP SPUD. VITREOUS CHINA. SIPHON ACTION. PRIVACY SCREENS, WALL HANGER. SLOAN ROYAL 186 FLUSH VALVE
LAV-1	LAVATORY	2"	1½"	1/2"	1/2"	1	2	AQUALIA #3476.028, 20"x17", VITREOUS CHINA. SELF-RIMMING. FRONT OVERFLOW. #2360.030 FAUCET, 4"-#2411.015 GRADE-MIXOMAT, PORCELAINED CAST, 4" TAILPIECE, CHROME FINISH. SUPPLIES, ADJUSTABLE P-TRAP.
SK-1	SINK	2"	1½"	1/2"	1/2"	2	2	JUDD #SL-2125-AGR-2, 18-GAUGE, SINGLE COMPARTMENT STAINLESS STEEL COMBINATION SINK. SELF-RIMMING, SOUND DAMPENING, 21" x 25" x 7½" DEEP. #DRITHOR #4100.132, SWING SPOUT, AERATOR. CHROME FINISH. STRAINER, P-TRAP, TAILPIECE #2305.134 DISPOSAL, 1/4-TIME-SAVER DISPOSER #333/66, 1/2 HP, 120V, 10. 60 Hz
SK-2	BAR SINK	2"	1½"	1/2"	1/2"	2	4	JUDD BAR SINK #SL-1515-AGR-2, 20-GAUGE STAINLESS STEEL. SELF-RIMMING, SOUND DAMPENING, EACH LEDGE: 15" x 15" x 6" DEEP. JUDD BAR STRAINER-2 #DISPENSER SWING SPOUT, AERATOR. CHROME FINISH. SUPPLIES, P-TRAP, TAILPIECE.
TP-1	AUTOMATIC TRAP PRIMER	—	—	1/2"	—	—	—	J.R. SMITH AUTOMATIC TRAP PRIMER #2699. CAST BRONZE WITH ½" N.P.T. FEMALE CONNECTION
FD-1	FLOOR DRAIN	2"	2"/3"	—	—	3	—	J.R. SMITH #3005-A. CAST IRON BODY. 5" ROUND. POLISHED NICKEL BRONZE GRATE. ADJUSTABLE STRAINER HEAD. CAULK, BOTTOM OUTLET WITH TRAP PRIMER CONNECTION. JOSAM #30000-5A
SS-1	SERVICE SINK	3"	2"	3/4"	3/4"	3	4	LAWLER: #7692.049, 22"x25", ENAMELED CAST IRON. #8341.075 SERVICE SINK FAUCET W/VACUUM BREAKER, SPOUT IN BRACES, SMOOTH CHROME FINISH. 7798.170 P-TRAP. #8701.061 STRAINER. #8279.010 HOR DRAIN
HB-1	HOSE BIBB	—	—	3/4"	—	—	5	MOORE #8121 FOOSE BRASS, VACUUM BREAKER. LOOSE KEY
RD-1	ROOF DRAIN	—	—	—	—	—	—	J.R. SMITH #1800 CAST IRON BODY, LARGE POLYPROPYLENE DOME, UNDERDECK CLAMP. SUMP, DECK FLANGE. BOTTOM OUTLET. JOSAM #27100
OFD	OVERFLOW ROOF DRAIN	—	—	—	—	—	—	TERMINATE 12" ABOVE FIN. ROOF IN VENTED LEAD ROOF FLASHING WITH COLLAR
WH-1	WATER HAMMER ARRESTOR	—	—	—	—	—	—	JOSAM SHOCK ABSORBER #1498 SERIES PRE-CHARGED NITROPE DIVERTING HYDRAULIC DISPLACEMENT FLUID PERMANENTLY SEALED. SIZE IN ACCORDANCE TO SCHEDULE
DF-1	DRINKING FOUNTAIN	1"	1½"	1/2"	—	1	2	HALSTEAD WALL-MOUNTED, BARREL REFRIGERATED DRINKING WATER COOLER. MODEL #EWM-8, 8.0 GPH OF 50° WATER, 1/3 HP, 115V, 1Ø, 60. STAINLESS STEEL BASIN
DF-2	DRINKING FOUNTAIN	2"	1½"	1/2"	—	1	2	HALSTEAD WALL-MOUNTED DEHYDRATED REFRIGERATED DRINKING WATER COOLER. MODEL #EWM-8, 8.0 GPH OF 50° WATER, 1/3 HP, 115V, 1Ø, 60. STAINLESS STEEL BASIN
WH-1	WATER HEATER	—	—	1½"	1½"	—	—	A.O. SMITH CONSTRUCTAFLORIST #GHE-80-LB ELECTRIC WATER HEATER, 80 GAL. CAPACITY, 72 GPH RECOVERY @ 80° RISE, 80 GAL 3000 KILOWATTS, 18,000 WATT, 208 VOLT, 3Ø, 60 Hz, 90.0 FLA CONT. PRESS., ICMS RELIEF VALVE. PIPE DISCHARGE TO 12-1, U.L. LISTED. ASHRAE STD. 90-1-75. 5-YEAR WARRANTY
SH-1	HANDICAPPED SHOWER	2"	1½"	3/4"	3/4"	2	4	STRUTHER FISHERMEN SHOWER #4230-HC, INCLUDING GRAB BAR. SHOWER CURTAIN ROD, DRAIN/WASTE. SHOWER VALVE, SHOWERHEAD SPRAY
SH-2	SHOWER	2"	1½"	3/4"	3/4"	2	4	KINGSTOCK FIBERMESH SHOWER #3636-C, INCLUDING SHOWER CURTAIN ROD, DRAIN/WASTE. SHOWER VALVE, SHOWER HEAD

NOTE:
NO FIXTURE SUBSTITUTIONS

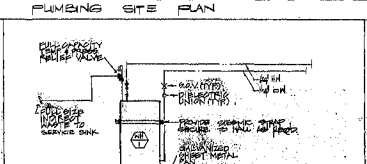
WATER HAMMER ARRESTOR SCHEDULE			
SHOWN AS FIXTURE UNIT MARKING	CAPACITY (GPM)	SIZE	ACCEPTABLE MANUF. & NO.
WH-1	1 - 11	3/4"	JOSAM 75200
WH-2	12 - 32	1"	JOSAM 75300
WH-3	33 - 60	1"	JOSAM 75400
WH-4	61 - 113	1"	JOSAM 75500
WH-5	114 - 160	1½"	JOSAM 75600
WH-6	161 - 240	1½"	JOSAM 75700

PLUMBING LEGEND

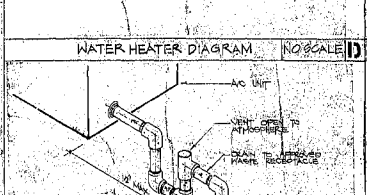
SYMBOL	ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
	SOIL V	SOIL OR WASTE	R.D.	ROOF DRAIN
	C.O.	CLEAN OUT	A.F.	ACCESS PANEL
	CW.	COLD WATER	P.D.C.	POINT OF CONNECTION
	ENV.	ENVIRONMENTAL	P.I.	PENETRATE
	H.W.R.	HOT WATER RETURN	P.V.	PLUMBING VENT
	V.	SANITARY VENT	P.O.T.	PLUGGED OUTLET
	S.D.	STORM DRAIN ABOVE GRADE	V.T.R.	VENT THRU ROOF
	C.O.	CONCEALED OPENING	HDR.	HEADER
	FCO (C.O.)	FLOOR CLEANOUT OR CLEANOUT TO GRADE	H.W.C.	HOT WATER CIRCULATOR
	W.C.O.	WALL CLEANOUT	H.W.	HOT WATER
	H.W.	HOT WATER	R.P.B.F.	REDUCED PRESSURE BACKFLOW PREVENTER
	S.H.C.V.	SHUT OFF SCALE VALVE	V.B.F.	VACUUM BREAKER FOR HOSE
	S.O.C.	SAND OR SOIL CAST IRON	C.S.D.	CONDENSATE DRAIN
	P.V.	PLUMBING VENT	V.C.P.	VITRIFIED CLAY PIPE
	P.T.F.V.	PRESS-TEMPERATURE RELIEF VALVE	P.R.C.	PRE-CAST CONCRETE
		VACUUM BREAKER		
	F.C.P.	FIBERGLASS CEMENT PIPE	F.R.C.	FIBERGLASS REINFORCED CONCRETE
	H.S.P.	HEAVY SERVICE PIPE	O.F.D.	OVERFLOW DRAIN
	M.G.	MEDIUM PRESSURE GAS	C.I.	CAST IRON
	W.H.	WATER HEATER	F.H.	FIRE HYDRANT
	R.W.	RAINWATER	A.C.P.	ASBESTOS CEMENT PIPE
	EX.	EXISTING	NEW	NEW

PLUMBING GENERAL NOTES:

1. INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NEW NON-RESIDENTIAL BUILDINGS.
2. CONTRACTOR SHALL VERIFY DEPTH, SIZE, LOCATION OF ALL EXISTING UTILITIES IN FIELD BEFORE STARTING WORK.
3. CONTRACTOR SHALL COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAYS OR INTERFERENCES.
4. ALL PLUMBING WORK AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE ORDINANCES AND REGULATIONS HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN ALL APPROVALS REQUIRED FROM REGULATING AGENCIES BEFORE STARTING WORK.
5. SOIL AND WASTE PIPE SHALL SLOPE AT 2% MINIMUM UNLESS OTHERWISE NOTED.
6. ALL PLUMBING WORK AND MATERIALS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITIONS OF THE UNIFORM PLUMBING CODE, UNLESS OTHERWISE REQUIRED BY THE DEPT. OF BLDG. & SAFETY.
7. CONTRACTOR SHALL FURNISH AND INSTALL ALL BACKFLOW PROTECTION DEVICES REQUIRED BY AGENCIES HAVING JURISDICTION.
8. PLUMBING CONTRACTOR: CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN POINT. ON WATER MAKE-UP TO MECHANICAL EQUIPMENT, GAS PIPING TO UNITS & FINAL CONNECTIONS.
9. OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
10. CONDENSATE DRAINS THAT TERMINATE AT TRAILPIECE OF LAST TRAILPIECE SHALL BE ENLARGED TO 1¼" TO RECEIVE DISPOSAL TYPE TEE 1¼"x1¼"x¾". EXPOSED TEES & PIPING TO BE CHROMEPLATED.
11. DOMESTIC WATER PIPING: SHOWN UNDER CONCRETE TYPE K, BELOW GROUND OUTSIDE OF BLDG. IN 12" MINIMUM PVC SCHEDULE 40 WITH SCHEDULE 80 FITTINGS. 2" AND LARGER PVC CLASS 315 SDR 13.5 WITH SCHEDULE 40 FITTINGS.
12. GAS PIPING: CONCEALED BUILDING PIPING CONCRETE ENCASED TO BLACK STEEL PIPE. BELOW GROUND OUTSIDE OF BUILDING CLASS 315 SDR 13.5 GAS PIPE.
13. SOIL PIPING: BELOW SLAB BEARING BUILDING, SERVICE WEIGHT COATED CAST IRON HUBLESS PIPE AND FITTINGS. OUTSIDE OF BUILDING, VITRIFIED CLAY PIPE WITH "SPEED SEAL" OR "HERCULOCK" JOINTS.
14. VENT PIPING: BELOW GROUND CAST IRON, ABOVE GROUND SCHEDULE 40 GALVANIZED STEEL PIPE.
15. CONDENSATE DRAIN PIPING: COPPER TYPE M.
16. SOIL, WASTE AND VENT PIPE CONNECTIONS: PIPING WITH NO HUBS SHALL BE CONNECTED WITH FERNCO NO. 1001, 1002, 1003 PIPE INSULATORS WITH STANDARD COUPLING JACKET. COVER EXPOSED UNDER SLAB OUTDOOR INSULATION WITH ALUMINUM JACKET.
17. STORM DRAIN PIPING: ABOVE GROUND INSIDE BUILDING: SCHEDULE 40 PVC, BELOW GROUND: CAST IRON, SCHEDULE DRAINAGE FITTING AND LONG SWEEP ELBOWS. UNDERGROUND INSIDE BUILDING: SERVICE WEIGHT COATED CAST IRON HUBLESS PIPE AND FITTINGS. UNDERGROUND OUTSIDE OF BUILDING: NON-REINFORCED CONCRETE PIPE.
18. FIRE-SPRINKLER SYSTEM PIPING: UNDERGROUND FROM POINT 5'-0" OUTSIDE OF BUILDING: CEMENT-ASBESTOS CLASS 150 PVC, PLASTIC OF NATURAL BUILDING AS STEEL PIPE WITH 150 PSI MALLEABLE IRON SCREWED FITTINGS.
19. REFER TO KITCHEN CONSULTANTS DRAWINGS FOR PLUMBING ROUGH-IN SCHEDULE AND FOR ADDITIONAL WORK TO BE PERFORMED AND INSTALLED BY THIS CONTRACTOR.
20. PIPING SHALL BE INSULATED AS PER U.B.C. SECTION 3-5312.
21. PLUMBING EQUIPMENT CONCEALED PER U.B.C. SECTION 3-5314(5).
22. WATER HEATERS FOR DOMESTIC HOT WATER PER U.B.C. SECTION 3-5318.



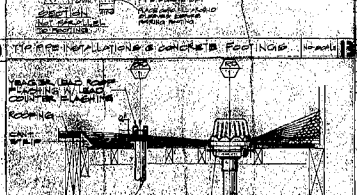
WATER HEATER DIAGRAM NO SCALE D



CONDENSATE DRAIN DETAIL NO SCALE E



TYPICAL INSTALLATIONS & CONCRETE FOOTINGS NO SCALE F



ROOF DRAIN & OVERFLOW DETAIL NO SCALE C

WATER CALCULATION
MIN. PRESSURE @ PKV. : 65 PSI
MIN. PRESSURE GATE : 75 PSI
LOSSES:
CITY TO METER : 2.31 PSI
METER TO GATE : 0.00
TOTAL LOSSES : 2.30 PSI
MINIMUM PRESSURE AVAILABLE FOR SYSTEM = 65 PSI
ALLOWABLE FRICTION LOSS FOR 60 OR MORE = 32.5 X 100 = 13.4 PSI
TO WATER METER NOT TO EXCEED 8 FPS

JUN 15 1989
E4615

REVISIONS

NO.	DESCRIPTION	BY
1	ADDITIONAL PLAN CHECK CORRECTIONS	MJ
2	PLAN CHECK CORRECTIONS	MJ

ARCHITECTURE / PLANNING
RANZUELO / NERSON / DUFF & ASSOCIATES, INC.
4301 MACARTHUR BLVD., SUITE 100, NEWPORT BEACH, CA 92660
(714) 833-1000

ENGINEERS MECHANICAL SYSTEMS, INC.
2211 MICHELSON DRIVE, SUITE 200, IRVINE, CA 92715
(714) 752-8505

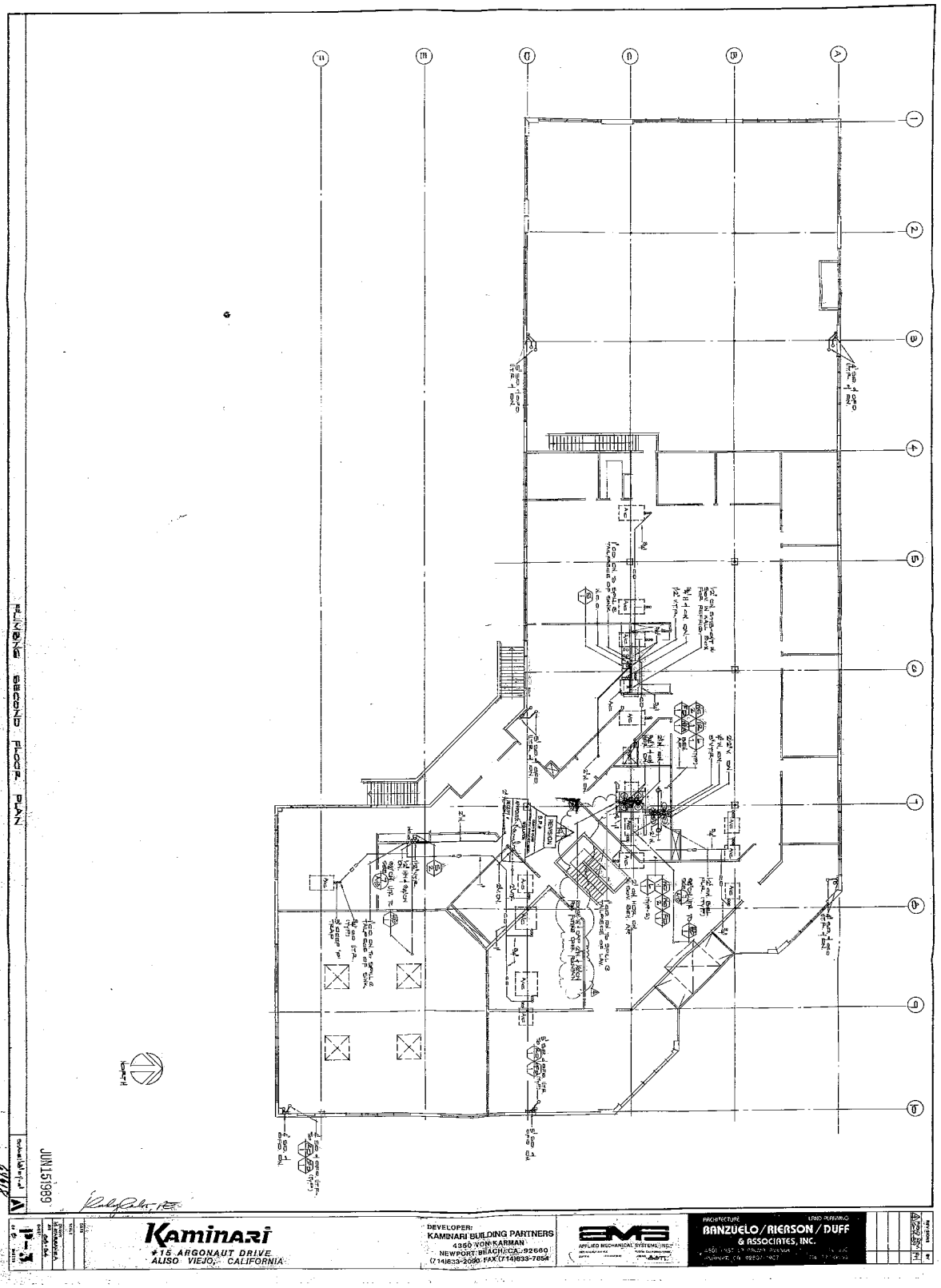
DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714) 852-2080 FAX (714) 833-7858

Kaminari
#15 ARGONAUT DRIVE
ALISO, VIEJO, CALIFORNIA

DATE: 5/19/89
SCALE: AS NOTED
DRAWN: M.J.
CHECKED: M.J.
JOB NO. 8-1-1

P-1
SHEET OF SHEETS

FLOOR DRAIN
TRAP PRIMER
TRAP PRIMER DETAIL
NO SCALE
TRAP PRIMER CONNECTION DETAIL
NO SCALE
REVISED FIRST FLOOR PLAN
SCALE: 1/16" = 1'-0"
Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA
DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7864
AMB
APPLIED MECHANICAL SYSTEMS, INC.
ARCHITECTURE
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.



SECOND FLOOR PLAN

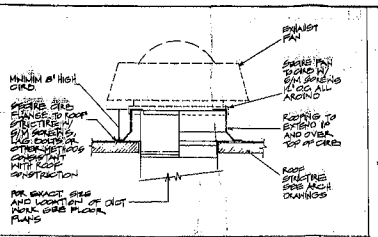
JUN 15 1999

Kaminari
*15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

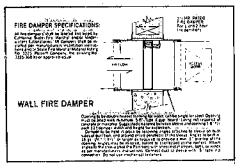
DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2660 FAX (714)833-7058

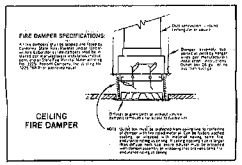
APPLIED MECHANICAL SYSTEMS, INC.

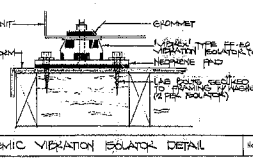
ARCHITECTURE LAND PLANNING
BANZUELO/RIERSON/DUFF
& ASSOCIATES, INC.



PRE-FAB EXH. FAN CURB DETAIL | NO SCALE | G





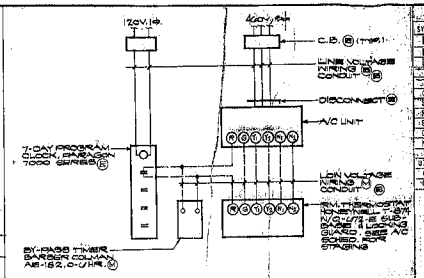


SEISMIC VIBRATION ISOLATOR DETAIL | NO SCALE | H

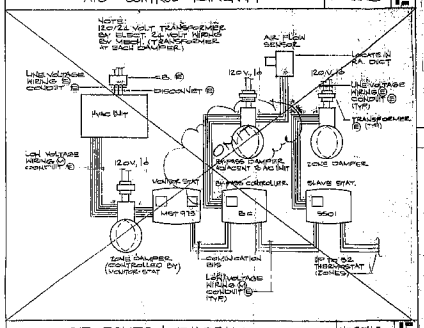
AIR DISTRIBUTION SCHEDULE
(UNLESS OTHERWISE INDICATED)

CEILING DIFFUSERS			
CFM	SIZE	CFM	SIZE
0 - 100	6 x 6	501 - 675	16 x 16
101 - 175	8 x 8	676 - 875	18 x 18
176 - 275	10 x 10	876 - 1000	20 x 20
276 - 375	12 x 12	1001 - 1200	22 x 22
376 - 500	14 x 14		

NOTES: CEILING DIFFUSER THROWS SHALL BE 4-WAY UNLESS OTHERWISE INDICATED.
CEILING DIFFUSERS: ANEMOSTAT RND W/FILLER PANEL
SUPPLY WALL REGISTER: WATERLOO K2SWG W/OBD
RETURN AIR & EXHAUST CEILING GRILLE: 24x24 PERFORATED PLATE
RETURN AIR WALL GRILLE: WATERLOO K3SWG
LINEAR WALL DIFFUSER: ANEMOSTAT AL W/OBD
LINEAR CEILING DIFFUSERS: ANEMOSTAT SLAD W/OBD
EQUIVALENTS: METAL AIRE, ADP



A/C CONTROL DIAGRAM | NO SCALE | E



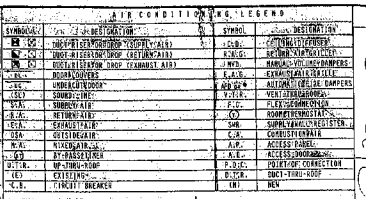
VVT. CONTROL DIAGRAM | NO SCALE | F

A/C GENERAL NOTES:

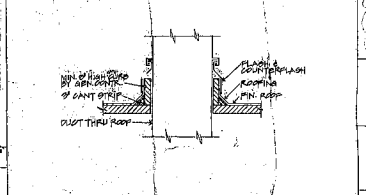
1. INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NEW NON-RESIDENTIAL BUILDINGS.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
3. OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES, AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
4. ALL MATERIALS AND EQUIPMENT PROVIDED AND/OR INSTALLED SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK BY THE OWNER. ANY DEFECTIVE MATERIALS OR INFERIOR WORKMANSHIP SHALL BE CORRECTED TO THE ENTIRE SATISFACTION OF THE OWNER.
5. WITHIN 14 DAYS AFTER AWARD OF CONTRACT SUBMIT FIVE (5) COPIES OF REQUIRED SHOP DRAWINGS, MATERIAL LISTS, AND EQUIPMENT SPECIFICATIONS OF ITEMS PROPOSED FOR INSTALLATION.
6. ELECTRICAL CONTRACTOR: CONDUIT FOR LINE & LOW VOLTAGE WIRING, LINE VOLTAGE WIRING, DISCONNECTS, DISCONNECTS, CIRCUIT BREAKERS, FINAL CONNECTIONS, ITEMS INDICATED THUS (E).
7. MECHANICAL CONTRACTOR: TEMPERATURE CONTROLS, LOW VOLTAGE WIRING & ITEMS INDICATED THUS (M). LIVERY SHALL CONFORM TO LOCAL CODES.
8. PLUMBING CONTRACTOR: CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN POINT, DI WATER MAKE-UP TO MECHANICAL EQUIPMENT, GAS PIPING TO UNITS & FINAL CONNECTIONS.
9. GENERAL CONTRACTOR: CURBING, LEVEL PLATFORMS, FRAMED OPENINGS, DOOR LOUVERS, (OL), UNDERCUT DOORS (UC), EXTERIOR LOUVERS.
10. ALL EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, EXCLUDING SUBSTITUTE EQUIPMENT NOTED IN THIS SECTION OF THE SPECIFICATIONS.
11. ALL SHEET METAL CONSTRUCTION AND GAUGE SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL ANDTHERMIRE CODES. TAPE ALL TRANSVERSE AND LONGITUDINAL JOINTS, SUPPLY AND RETURN DUCTS.
12. INSULATE ONE (1) ALL SUPPLY AND RETURN AIR DUCTS EXPOSED TO WEATHER AND AS NOTED. ACOUSTICAL LINER SHALL BE UNION, AND EXCLUSIVE OF FILM RESISTANCE, NFPU RATED. (DUCT SIZES SHOWN INCLUDE LINER).
13. ALL CONCEALED SUPPLY AND RETURN AIR DUCTS TO BE INSULATED WITH 2" THICK FIBERGLAS BLANKET WITH FHD EXCLUSIVE OF FILM RESISTANCE.
14. AT CONTRACTOR'S OPTION CONCEALED DUCTS, PITCH WITH POSITIVE VAPORPROOF TO APPROVED TYPE OF CONCEALED SHEET METAL ROUND PIPE. THE DUCT SHALL BE UNDERWRITERS' LABORATORIES LABELED AS A CLASS-1 AIR DUCT IN ACCORDANCE WITH U.L. STANDARD TEST METHOD 181.
15. END CONNECTION TO CEILING DIFFUSERS AND RETURN AIR GRILLS SHALL BE "CONCO SILENT FLEX" INSULATED LOW PRESSURE ST-181 1" 0" LONG FLEXIBLE DUCT.
16. WHERE INTERIOR OF DUCTWORK IS VISIBLE THRU AIR OUTLET, LOUVRE OR DUCT SHALL BE PAINTED WITH A FLAT BLACK PRIMER, OR LINING SHALL HAVE BLACK FACING.
17. ALL JOINTS OF DUCTWORK EXPOSED TO WEATHER SHALL BE SEALED WATERTIGHT WITH CAULK AND CANVAS.
18. HVAC EQUIPMENT CONTAINED FOR C.E.C. SECTION 2-5314(b).
19. AUTOMATIC CONTROLS FOR OFF-HOURS SHALL COMPLY WITH C.E.C. SECTION 2-5315(a)1.
20. THERMOSTAT SET POINT REQUIREMENTS SHALL COMPLY WITH C.E.C. SECTION 2-5315(d).
21. ZONE CONTROL OF HEATING & COOLING SHALL COMPLY WITH C.E.C. SECTION 2-5315(e)1.
22. VENTILATION SHALL BE PROVIDED PER C.E.C. SECTIONS 2-5315 & 2-5345.

AIR CONDITIONING LEGEND

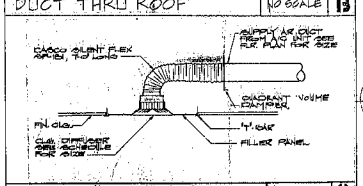
SYMBOLS		DESCRIPTION	SYMBOL	DESCRIPTION
S.D.		SHEET METAL SUPPLY DUCT (SUPPLY AIR)	C.U.H.	CEILING UNIT HEATER
R.D.		SHEET METAL RETURN DUCT (RETURN AIR)	R.A.G.	RETURN AIR GRILLE
E.D.		SHEET METAL EXHAUST DUCT (EXHAUST AIR)	M.V.D.	MANUAL VOLUME DAMPERS
		ROUND DUCTWORK	E.A.G.	EXHAUST AIR GRILLE
		UNDERCUT DOORS	A.V.D.	AUTOMATIC VOLUME DAMPERS
(SD)		SOUND DEFLECTOR	V.T.R.	VENT THROUGH ROOF
S.A.		SUPPLY AIR	F.C.	FLEXIBLE CONNECTOR
R.A.		RETURN AIR	(T)	ROOM THERMOSTAT
E.A.		EXHAUST AIR	S.R.	SUPPLY AIR CEILING REGISTER
O.A.		OUTSIDE AIR	C.A.	COMBUSTION AIR
M.A.		MIXED AIR	A.P.	ACCESS PANEL
R.G.		RETURN GRILLE	A.D.	ACCESS DOOR
U.T.R.		UP-THRU-ROOF	P.O.C.	POINT OF CONNECTION
(E)		EXISTING	D.T.R.	DUCT-THRU-ROOF
C.B.		CIRCUIT BREAKER	(N)	NEW



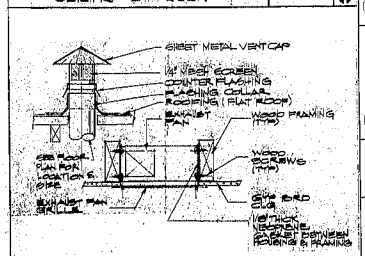
A/C UNIT ELEVATION | NO SCALE | A



DUCT THRU ROOF | NO SCALE | B



CEILING DIFFUSER | NO SCALE | C



CEILING MOUNTED EXH. FAN DETAIL | NO SCALE | D

A/C EQUIPMENT SCHEDULE

AC/1, AC/2	2 TON ROOF MOUNTED AIR CONDITIONING UNIT: CARRIER HEAT PUMP MODEL NO. 50QD024, SEER 9.2 24,000 BTU/HR COOLING @ 95°F AMB. & 67°DWB/58°DB ENT. EVAP. AIR 800 CFM @ 0.30" ESP HEATING CAPACITY: 24,000 BTU/HR INPUT @ 47°F AMB. ELECTRICAL: 16.5 FLA @ 208/230 VOLTS. 1Ø, 60 VIBRATION ISOLATORS: VIBREX RF-40 REFRIGERANT: R-22, 6 LBS. 8 OZ. FILTERS: (1)20x20x1. PANR 30/30 FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE. UNIT SIZE: 48"x44"x22" HIGH OPERATING WT. 450 LBS.
AC/3, AC/4, AC/5, AC/6	3-1/2 TON ROOF MOUNTED AIR CONDITIONING UNIT: CARRIER ROOF PUMP MODEL NO. 50QD030, SEER 9.2 28,000 BTU/HR COOLING @ 95°F AMB. & 67°DWB/58°DB ENT. EVAP. AIR 1000 CFM @ 0.30" ESP HEATING CAPACITY: 29,000 BTU/HR INPUT @ 47°F AMB. ELECTRICAL: 13.0 FLA @ 208/230 VOLTS. 3Ø, 60 VIBRATION ISOLATORS: VIBREX RF-50 FILTERS: (1)20x30x1. PANR 30/30 REFRIGERANT: R-22, 7 LBS. 8 OZ. FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE. UNIT SIZE: 48"x44"x22" HIGH OPERATING WT. 450 LBS.
AC/7, AC/8, AC/9	3 TON ROOF MOUNTED AIR CONDITIONING UNIT: SIDE DISCHARGE CARRIER HEAT PUMP MODEL NO. 50QD036, SEER 8.6 36,000 BTU/HR COOLING @ 95°F AMB. & 67°DWB/58°DB ENT. EVAP. AIR 1200 CFM @ 0.30" ESP HEATING CAPACITY: 35,000 BTU/HR INPUT @ 47°F AMB. ELECTRICAL: 16.0 FLA @ 208/230 VOLTS. 3Ø, 60 VIBRATION ISOLATORS: VIBREX RF-50 FILTERS: (1)20x30x1. PANR 30/30 REFRIGERANT: R-22, 8 LBS. 2 OZ. FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE. ALTERNATE MOTOR, MANUAL OUTDOOR AIR HOOD UNIT SIZE: 74"x65"x33" HIGH OPERATING WT. 500 LBS.
AC/11, AC/12	3-1/2 TON ROOF MOUNTED AIR CONDITIONING UNIT: CARRIER HEAT PUMP MODEL NO. 50QD042, SEER 8.6 41,000 BTU/HR COOLING @ 95°F AMB. & 67°DWB/58°DB ENT. EVAP. AIR 1400 CFM @ 0.30" ESP HEATING CAPACITY: 42,000 BTU/HR INPUT @ 47°F AMB. ELECTRICAL: 9.0 FLA @ 460 VOLTS. 3Ø, 60 VIBRATION ISOLATORS: VIBREX RF-60 FILTERS: (1)20x30x2. PANR 30/30 REFRIGERANT: R-22 FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE. ALTERNATE MOTOR, MANUAL OUTDOOR AIR HOOD UNIT SIZE: 48"x41"x37" HIGH OPERATING WT. 525 LBS.
EF/1	ROOF MOUNTED EXHAUST FAN LOREN COOK CO. TYPE ACE-D, MODEL NO. 135C1B 1166 CFM @ 1/2" S.P., 1065 FAN RPM 3/10 FAN HP USING .9 SF, 1.0V, 1Ø, 60 FURNISH WITH: SPUN-FAB ROUND CURB, BIRD SCREEN, DISCONNECT SWITCH DRIVE, WT. 150 LBS.
EF/2	ROOF MOUNTED EXHAUST FAN LOREN COOK CO. TYPE ACE-D, MODEL NO. 150C1B 1550 CFM @ 1/2" S.P., 1065 FAN RPM 1/2 FAN HP USING .9 SF, 220V, 1Ø, 60 FURNISH WITH: SPUN-FAB ROOF CURB, BIRD SCREEN, DISCONNECT SWITCH, INTERNAL OVERLOAD PROTECTION, BACKDRAFT DAMPER, WIRE TO THERMOSTAT OPER. WT. 200 LBS.
AC/13, AC/14	4 TON ROOF MOUNTED AIR CONDITIONING UNIT: SIDE DISCHARGE CARRIER HEAT PUMP MODEL NO. 50QD048, SEER 8.6 48,000 BTU/HR COOLING @ 95°F AMB. & 67°DWB/58°DB ENT. EVAP. AIR 1600/CFM @ 0.80" ESP HEATING CAPACITY: 48,000 BTU/HR INPUT @ 47°F AMB. ELECTRICAL: 18.3 FLA @ 460 VOLTS. 3Ø, 60 VIBRATION ISOLATORS: VIBREX RF-60 FILTERS: (2)16x25x2. PANR 30/30 REFRIGERANT: R-22, 8 LBS. 2 OZ. FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE. ALTERNATE MOTOR, MANUAL OUTDOOR AIR HOOD UNIT SIZE: 74"x65"x33" HIGH OPERATING WT. 600 LBS.
AC/15, AC/16, AC/17, AC/18	5 TON ROOF MOUNTED AIR CONDITIONING UNIT: SIDE DISCHARGE CARRIER HEAT PUMP MODEL NO. 50QD060, SEER 8.3 60,000 BTU/HR COOLING @ 95°F AMB. & 67°DWB/58°DB ENT. EVAP. AIR 2000 CFM @ 0.80" ESP HEATING CAPACITY: 60,000 BTU/HR INPUT @ 47°F AMB. ELECTRICAL: 1174 FLA @ 460 VOLTS. 3Ø, 60 VIBRATION ISOLATORS: VIBREX RF-60 FILTERS: (2)16x25x2. PANR 30/30 REFRIGERANT: R-22, 9 LBS. 2 OZ. FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE. ALTERNATE MOTOR, ECONOMIZER WITH W/DIAGNOSTIC RELIEF DAMPER UNIT SIZE: 74"x65"x33" HIGH OPERATING WT. 650 LBS.
AC/19, AC/20	7-1/2 TON ROOF MOUNTED AIR CONDITIONING UNIT: SIDE DISCHARGE CARRIER HEAT PUMP MODEL NO. 50QD090, SEER 8.3 87,000 BTU/HR COOLING @ 95°F AMB. & 67°DWB/58°DB ENT. EVAP. AIR 3000 CFM @ 1.20" ESP HEATING CAPACITY: 90,000 BTU/HR INPUT @ 47°F AMB. ELECTRICAL: 27.0 FLA @ 460 VOLTS. 3Ø, 60 VIBRATION ISOLATORS: VIBREX RF-60 REFRIGERANT: R-22, 7 LBS. EACH FURNISH WITH: AUTO-THERMOSTAT W/LOCKING & ON-OFF SUBBASE. ALTERNATE MOTOR, TURN GUARD II UNIT SIZE: 89"x73"x37" HIGH. OPERATING WT. 1300 LBS.
EF/3	ROOF MOUNTED EXHAUST FAN LOREN COOK CO. TYPE ACE-D, MODEL NO. 150C1B 1166 CFM @ 3/8" S.P., 1145 FAN RPM 1/2 FAN HP USING .9 SF, 1Ø Hp, 120 VP, 120V, 1Ø, 60 FURNISH WITH: SPUN-FAB CURB, BIRD SCREEN, DISCONNECT SWITCH, INTERNAL OVERLOAD PROTECTION, BACKDRAFT DAMPER OPER. WT. 200 LBS.

(24)h. OF CALIFORNIA TITLE 24:
ENERGY AND DOMESTIC HOT WATER REQUIREMENTS
STANDARD 150-14-C
FOR APPLICATION OF THIS DRAWING AND THE
SPECIFICATIONS, THE CALIFORNIA ENERGY
CONSERVATION LAW WERE OBSERVED

Rick Cutting RE Exp. 03/31/14

JUN151989

EY6T8

DEVELOPER:
KAMNARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714)852-2000 FAX(714)833-7854

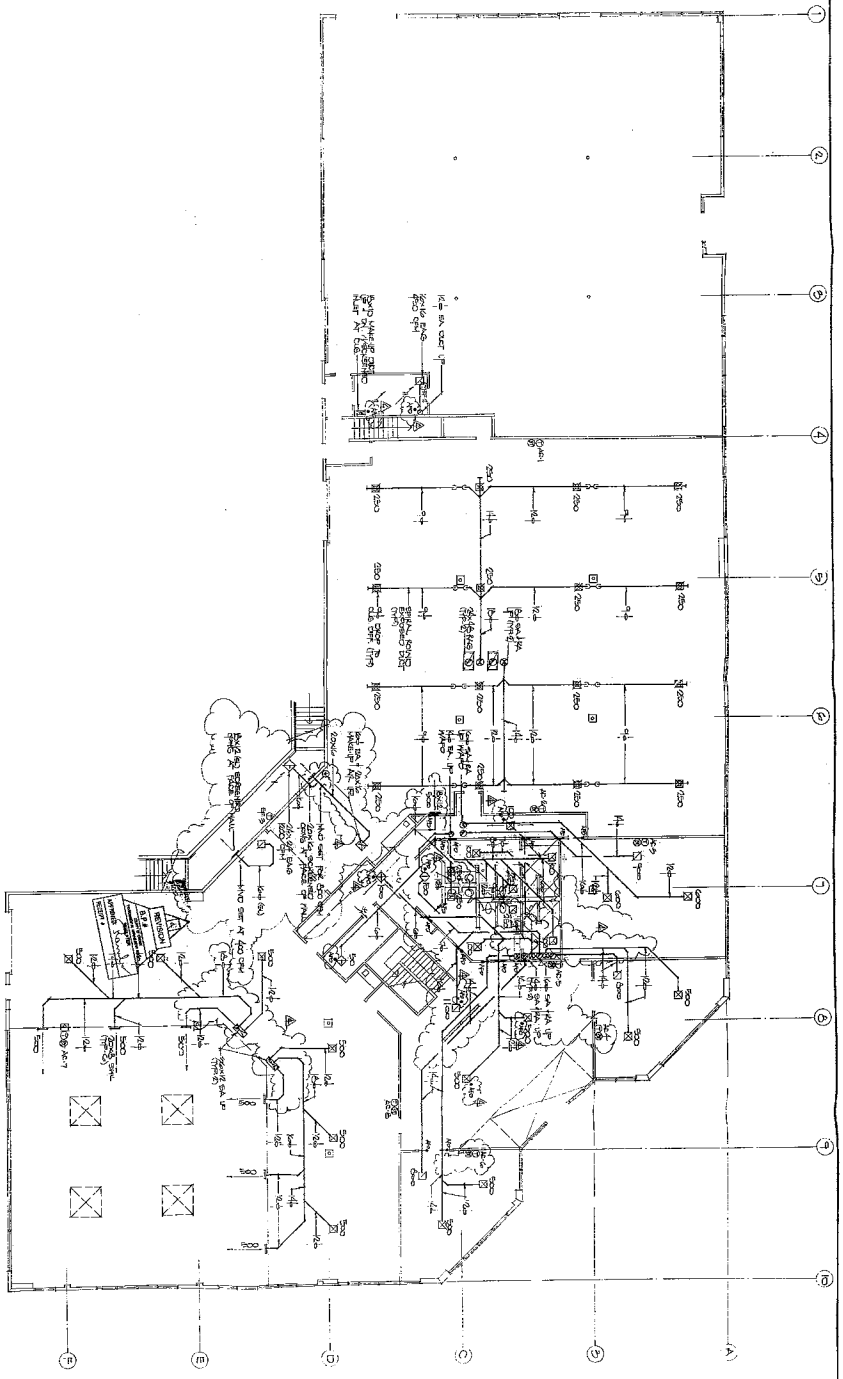
ARCHITECTURE
BRINZVELO/RIERSON/DUFF
& ASSOCIATES, INC.
2222 MICHELSON DRIVE, SUITE 1050
IRVINE, CALIFORNIA 92612-1318
(949) 261-3030 FAX (949) 261-3031

EMS
APPLIED MECHANICAL SYSTEMS, INC.
1000 N. TUSTIN AVENUE, SUITE 107
ANAHEIM, CALIFORNIA 92807
(714) 779-0100 FAX (714) 779-0200

Kaminari
415 ARGONAUT
ALISO, VIEJO, CALIFORNIA

REVISIONS	BY

DATE
JUNE 2013
SCALE
AS NOTED
DRAWN
M.VERGARA
CHECKED
R.CUTTING
SHEET
A/C-1
OF 1 SHEETS



AIR CONDITIONING FIRST FLOOR PLAN

Kaminari

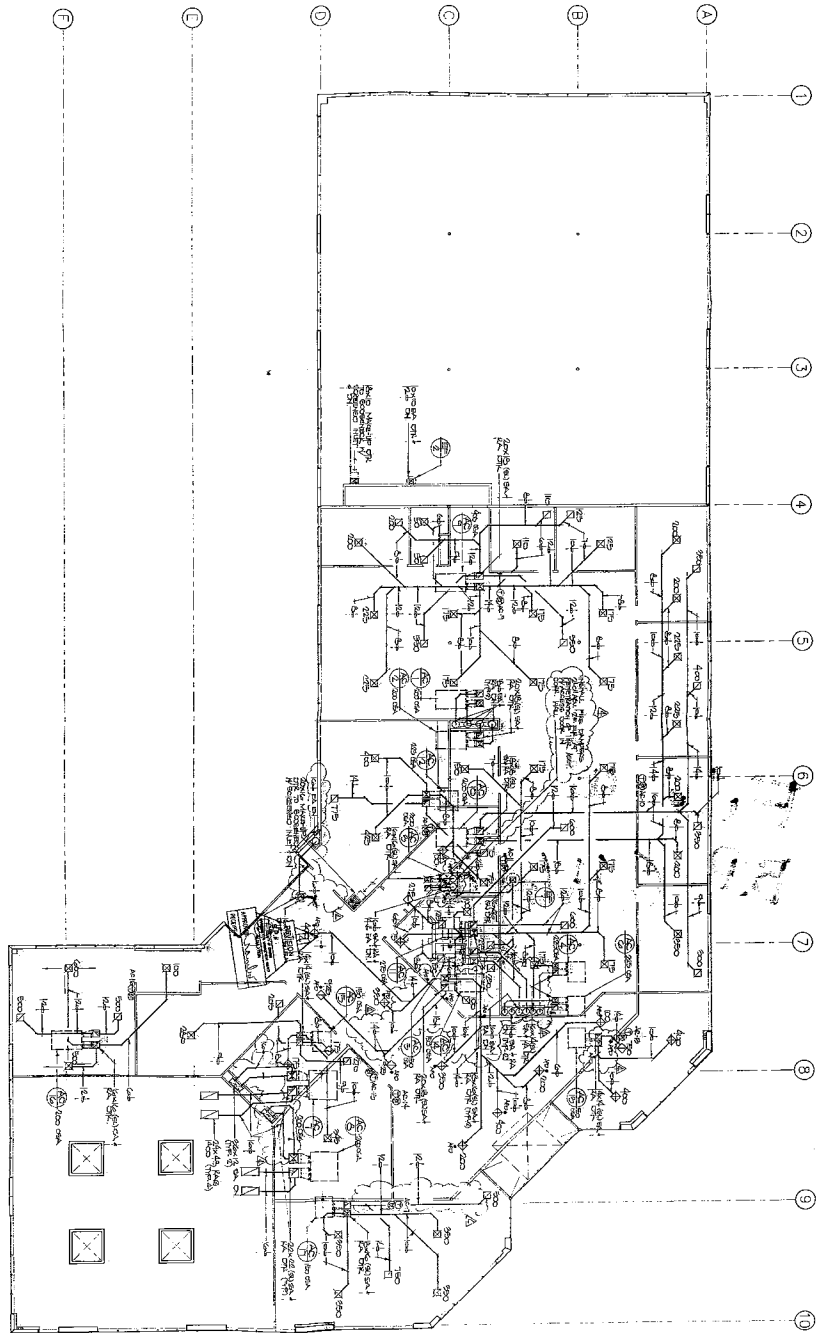
#15 ARGONAUT DRIVE
ALISO VIEJO CALIFORNIA

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2060 FAX (714)833-7854

APPLIED MECHANICAL SYSTEMS, INC.

ARCHITECTURE / LAND PLANNING
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.
4501 EAST LA PALMA AVENUE SUITE 205
ANAHEIM, CA. 92807-1907 (714) 777-0660

AIC-2



SECOND FLOOR AIR CONDITIONING

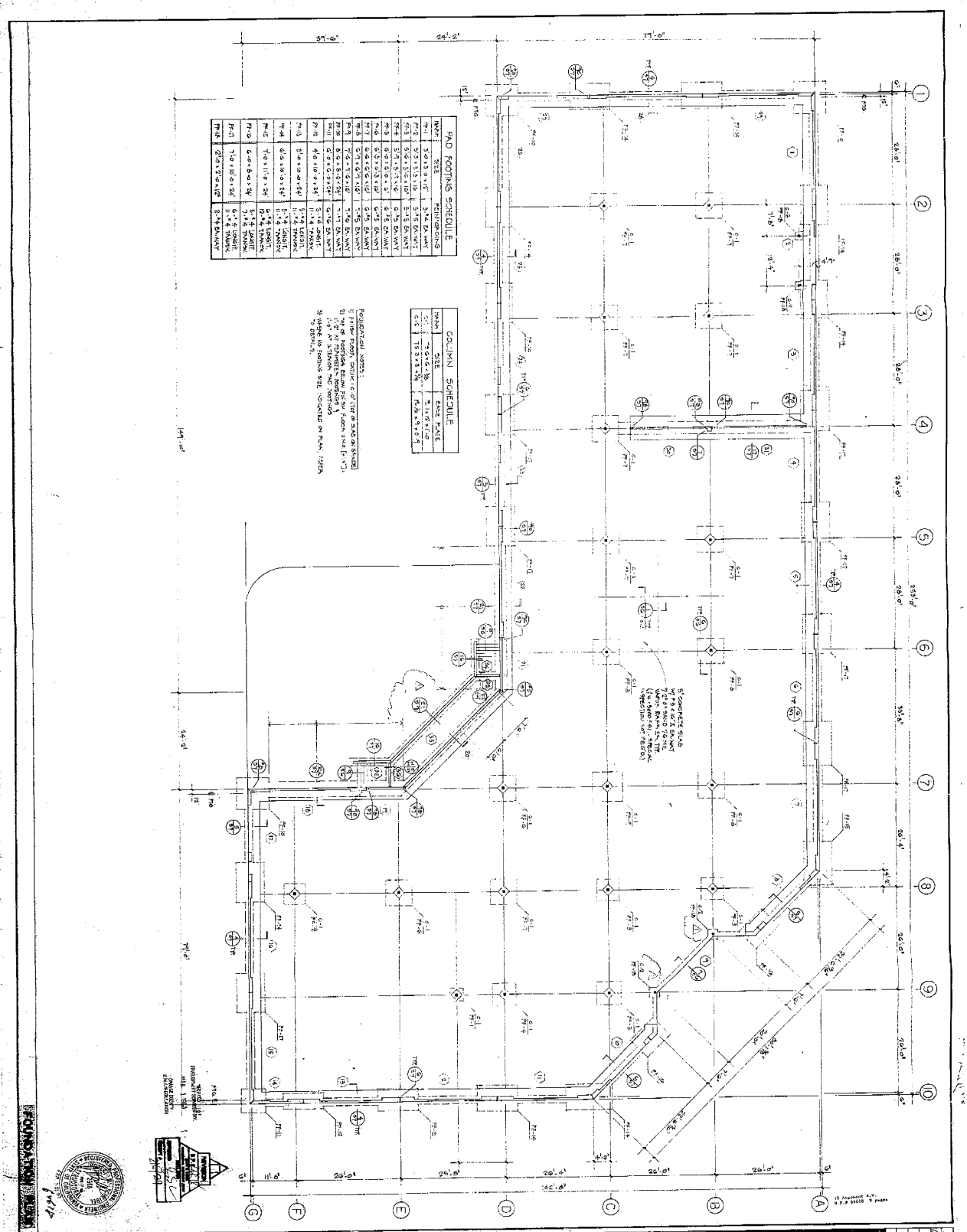
Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

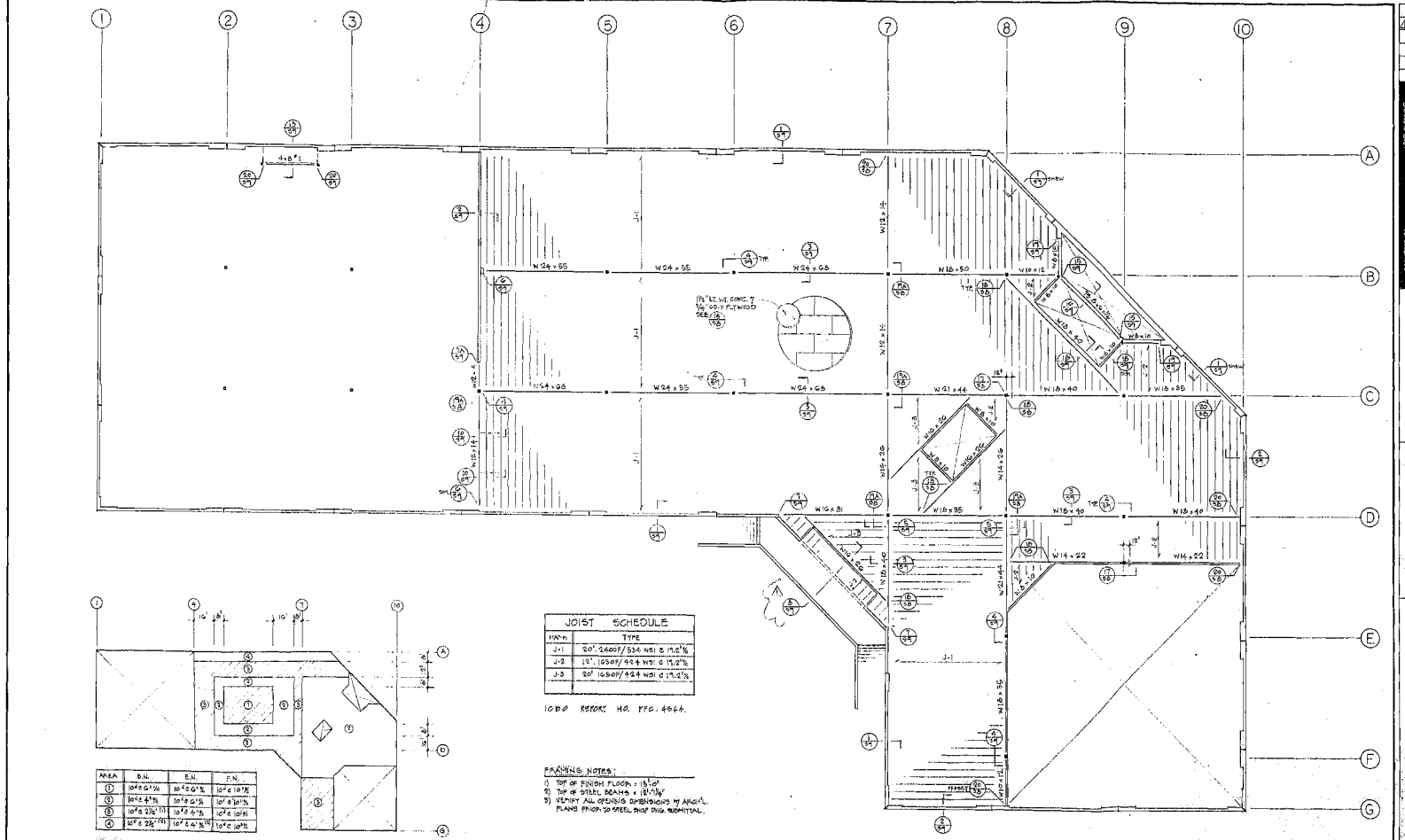
DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7854

APPLIED MECHANICAL SYSTEMS, INC.
C6717

ARCHITECTURE / LAND PLANNING
BANZUELO/NIERSON/DUFF
& ASSOCIATES, INC.
4501 CANAL LA PALMA AVENUE, SUITE 202
ANAHEIM, CA. 92807-1903 (714) 777-0666

M-3

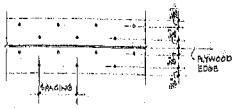

PAD FOOTING SCHEDULE
COLUMN SCHEDULE
FOUNDATION PLAN
KAMINARI
415 ARGONAUT, DRIVE
ALISO VIEJO, CALIFORNIA
DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714)833-2060 FAX (714)833-7854
Schimbell/Dyer Associates, Inc.
Structural Engineers
ARCHITECTURE
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.
LAND PLANNING



AREA	B.N.	E.N.	F.N.
①	10"o.c. 2½"	10"o.c. 2½"	10"o.c. 10"
②	10"o.c. 2½"	10"o.c. 2½"	10"o.c. 10"
③	10"o.c. 2½" (3)	10"o.c. 2½"	10"o.c. 10"
④	10"o.c. 2½" (3)	10"o.c. 2½" (3)	10"o.c. 10"

NOTES:
(1) STAGGER NAILING @ 2½" SPACING.
(2) 2 ROWS OF NAILING @ AREA "A" OBS BELOW.
(3) ALL PLYWOOD EDGES TO BE BLOCKED.

PLYWOOD NAILING KEY PLAN



PLAN @ 2 ROWS OF NAILING

JOIST SCHEDULE	
MARK	TYPE
J-1	20", 2480#/534 W51 @ 19.2"%
J-2	12", 1250#/424 W31 @ 19.2"%
J-3	20", 1650#/424 W31 @ 19.2"%

IOBO REPORT NO. RR6.4864.

FRAMING NOTES:
1) TOP OF FINISH FLOOR = 13'-10"
2) TOP OF STEEL BEAMS = 13'-1½"
3) VERIFY ALL OPENING DIMENSIONS W/ ARCH'L. PLANS PRIOR TO STEEL SHOP DWG. SUBMITTAL.

BUILDING DEVELOPMENT SERVICES DIV. B.P.V. MAR 1 1996 ORANGE COUNTY B.M.A. REGULATIONS APPROVED RECEIVED 3/6/96

REVISION

SECOND FLOOR FRAMING PLAN

REVISIONS	BY
△ 2-10-97	MG

ARCHITECTURE: BANZUELO / RIERSON / DUFF LAND PLANNING & ASSOCIATES, INC.
4687 MACARTHUR COURT, SUITE 230, NEWPORT BEACH, CA 92660-1810, (949) 752-1971, FAX (949) 752-1972

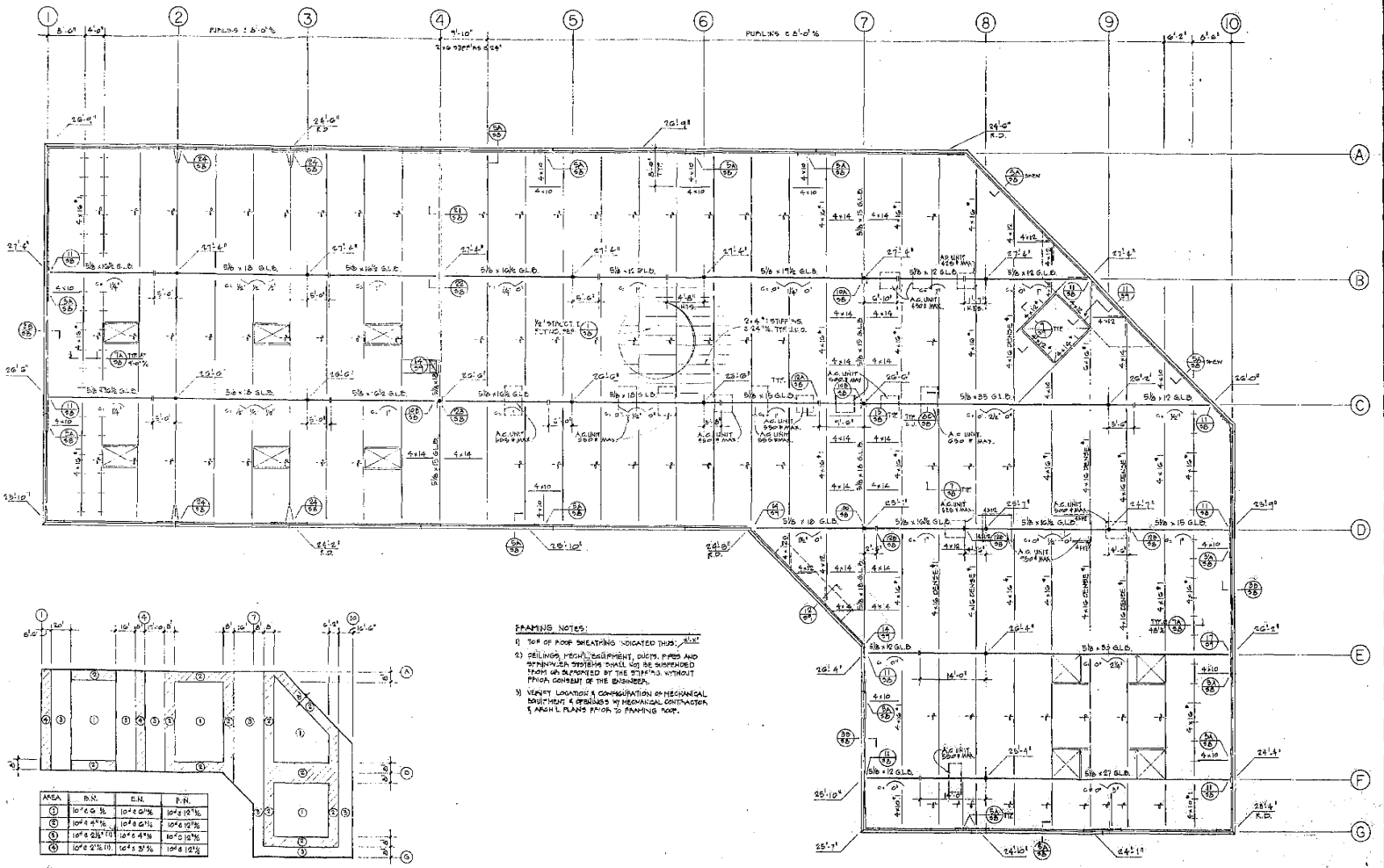
Robert Hillyer Associates, Inc. STRUCTURAL ENGINEERS
3500 Irvine Ave., Suite 210, Newport Beach, CA 92660, (949) 756-1616

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714) 851-5000 FAX (714) 851-7054

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE
SCALE 1/4"=1'-0"
DRAWN STANDISH
SHEET S-2
JOB NO. 9618

SECOND FLOOR FRAMING PLAN



AREA	B.N.	E.N.	F.N.
①	10"c @ 12"	10"c @ 6"	10"c @ 12"
②	10"c @ 12"	10"c @ 6"	10"c @ 12"
③	10"c @ 2½" (1)	10"c @ 4"	10"c @ 12"
④	10"c @ 2" (1)	10"c @ 3"	10"c @ 12"

NOTES:
(1) STAGGER NAILS @ 2" & 2½" SPACINGS.
(2) PANEL EDGE STIFFENERS TO BE 3 x MINIMUM AT NAIL SPACINGS OF 2" & 2½" N.

PLYWOOD NAILING KEY PLAN

FRAMING NOTES:
1) TOP OF ROOF SHEATHING INDICATED THUS: 41'-0"
2) CEILINGS, MECH. EQUIPMENT, DUCTS, PIPES AND PLUMBING SYSTEMS SHALL NOT BE SUSPENDED FROM OR SUPPORTED BY THE STIFFENING WITHOUT PRIOR CONSENT OF THE ENGINEER.
3) VERIFY LOCATION & CONFIGURATION OF MECHANICAL EQUIPMENT & OPENINGS W/ MECHANICAL CONTRACTOR & ARCH'L PLANS PRIOR TO FRAMING ROOF.

REVISIONS	BY

ARCHITECTURE: BRINZUVELO / RIGNSON / DUFF & ASSOCIATES, INC.
2000 Main St., Irvine, CA 92714 (714) 553-1010

Structural Engineers
3333 Michelson Dr., Suite 550, Irvine, California 92715
(714) 833-1000

DEVELOPER: KAMINARI BUILDING PARTNERS
4300 VON KARMAN, SUITE 200
NEWPORT BEACH, CA 92660
(714) 833-2000 FAX (714) 833-2564

Kaminari
CARSON, LOS ANGELES COUNTY
FILED: VESTING / CUP / DPR

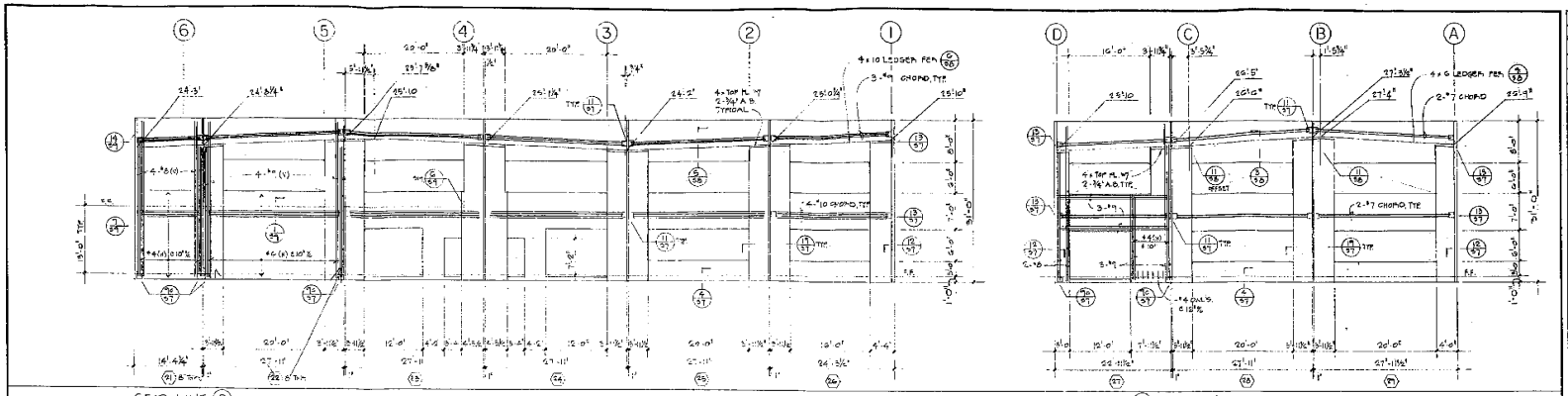
DATE
SCALE 1/8"=1'-0"
DRAWN STANDER
CHK'D
JOB NO.
SHEET S-1

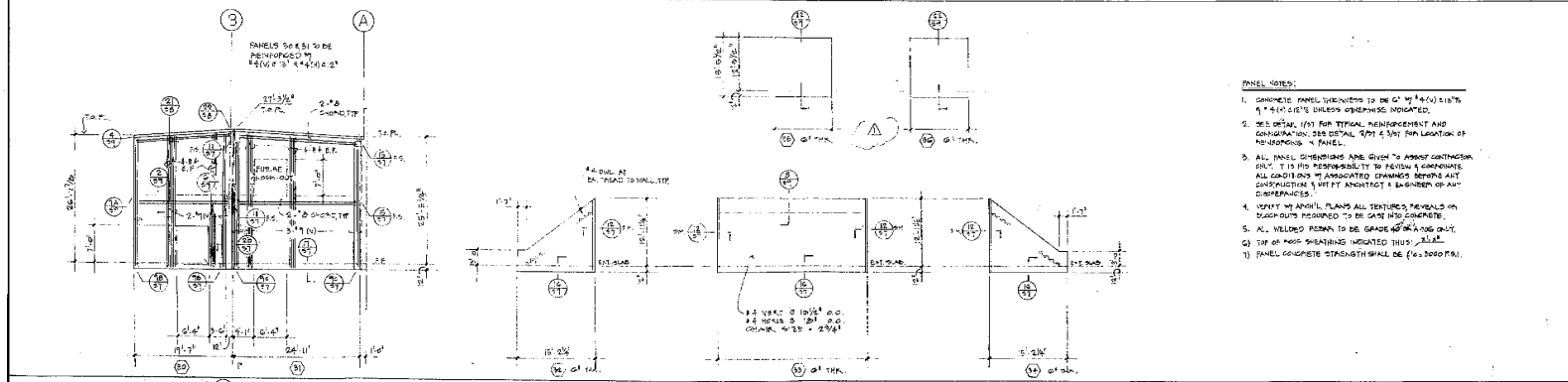
KAMINARI
755 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7854

Schellenberger Associates, Inc.
Structural Engineers

ARCHITECTURE LAND PLANNING
ARNZUELO / RIERSON / DUFF
& ASSOCIATES, INC.





PANEL NOTES:

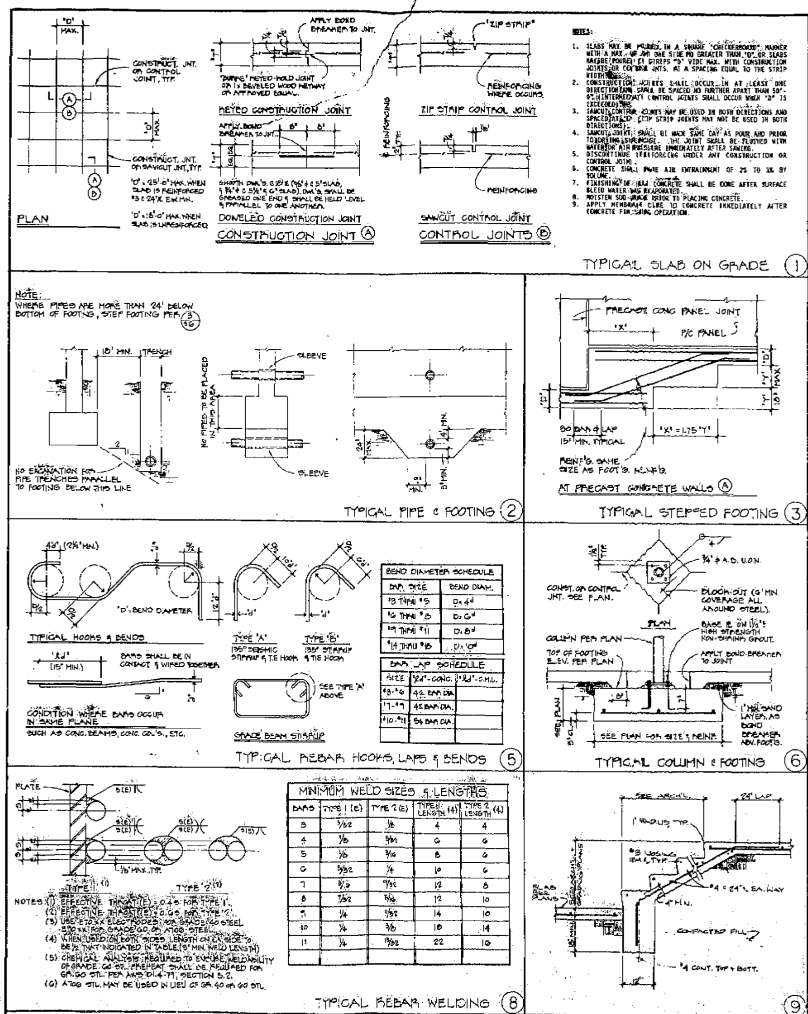
1. CONCRETE PANEL THICKNESS TO BE 6" W/ #4@16" E.W. U.N.O.
2. SEE DETAIL 1/S7 FOR TYPICAL REINFORCEMENT AND CONFIGURATION. SEE DETAIL 9/S7 & 3/S7 FOR LOCATION OF REINFORCING IN PANEL.
3. ALL PANEL DIMENSIONS ARE GIVEN TO ASSIST CONTRACTOR ONLY. T.I.S. HAS NO RESPONSIBILITY TO REVIEW & COORDINATE ALL CONDITIONS W/ ASSOCIATED DRAWINGS BEFORE ANY CONSTRUCTION & SHIFT IT ARCHITECT & ENGINEER OF ANY DISCREPANCIES.
4. VERIFY W/ ARCH'L. PLANS ALL TEXTURES, REVEALS OR BLOCKOUTS REQUIRED TO BE CAST INTO CONCRETE.
5. ALL WELDED REBAR TO BE GRADE 60 OR A706 ONLY.
6. TOP OF WOOD SHEATHING INDICATED THUS: T.O.S.
7. PANEL CONCRETE STRENGTH SHALL BE f'c = 3000 PSI.

DEVELOPER:
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ARCHITECTURE
BANZUELO/RIENSON/DUFF
& ASSOCIATES, INC.
400 WEST 1ST PLAZA AVENUE
RIVERSIDE, CALIFORNIA 92507

Kaminari
I.E. ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE: 6/4/18



BEND DIAMETER SCHEDULE

BAR SIZE	BEND DIAM.
#3 THRU #5	D=4d
#6 THRU #8	D=6d
#9 THRU #11	D=8d
#14 THRU #18	D=10d

BAR LAP SCHEDULE

SIZE	'Ld'-CONC.	'Ld'-CMU
#3-#6	42 BAR DIA.	
#7-#9	48 BAR DIA.	
#10-#11	54 BAR DIA.	

BAR SIZE	LAP (CONCRETE)	LAP (MASONRY)
#3 THRU #6	36 BAR φ (18" MIN.)	40 BAR φ (24" MIN.)
#7 THRU #9	40 BAR φ	48 BAR φ
#10 THRU #11	54 BAR φ	

MINIMUM WELD SIZES & LENGTHS

BARS	TYPE 1 (E)	TYPE 2 (E)	TYPE 1 LENGTH (4)	TYPE 2 LENGTH (4)
3	3/32	1/8	4	4
4	1/8	5/32	6	6
5	1/8	3/16	8	6
6	5/32	1/4	10	6
7	3/16	7/32	12	8
8	7/32	5/16	12	10
9	1/4	11/32	14	10
10	1/4	3/8	16	14
11	1/4	13/32	22	16

NOTES: (1) EFFECTIVE THROAT (E) = 0.4S FOR TYPE 1.
(2) EFFECTIVE THROAT (E) = 0.6S FOR TYPE 2.
(3) USE E70XX ELECTRODES FOR GRADE 40 STEEL, E80XX FOR GRADE 60, OR A706 STEEL.
(4) WHEN USED ON BOTH SIDES, LENGTH ON EA. SIDE TO BE 1/2 THAT INDICATED IN TABLE (3" MIN. WELD LENGTH).
(5) CHEMICAL ANALYSIS REQUIRED TO ENSURE WELDABILITY OF GRADE 60 STL. PREHEAT SHALL BE REQUIRED FOR GR. 60 STL. PER AWS D1.4-79, SECTION 5.2.
(6) A706 STL. MAY BE USED IN LIEU OF GR. 40 OR 60 STL.

REINFORCING STEEL

1. Bar reinforcement shall conform to ASTM A615, Grade 60.
2. All welded rebar shall be A615 Grade 40 or A706.
3. Welding of reinforcing steel shall conform to AWS D1.4-79.
4. Welded wire fabric shall conform to ASTM A185.
5. Reinforcing detailing, bending and placing shall be in accordance with Concrete Reinforcing Steel Institute "Manual of Standard Practice" latest edition.
6. Laps at bar splices shall be: 36 bar dia. or 12" min. for concrete and 40 bar dia. or 18" min. for masonry unless noted otherwise.
7. Vertical bars in walls shall be accurately positioned at the center of wall, unless otherwise noted on details, & shall be tied in position at top and bottom and at intervals not exceeding 192 bar dia.
8. Reinforcing steel shall be provided with the following amounts of concrete cover, unless noted otherwise:
   Footings (concrete deposited against earth) - - - - - - - 3"
   Concrete surface (formed) exposed to earth or weather - - 2"
   Column reinforcing (including column ties) - - - - - 1-1/2"
   Beams and Girders - - - - - - - - - - - - - - - - 1-1/2"
   Slabs (#11 or smaller) - - - - - - - - - - - - - - 3/4"
9. All reinforcing steel, anchor bolts, dowels, and inserts shall be well secured in position prior to placing concrete or grout.
10. Unless otherwise noted in details, furnish #3 spacer ties at approximately 2'-6" on center in all beams and footings to secure reinforcing in place.

STRUCTURAL STEEL

1. Structural steel shall conform to ASTM A36, unless noted otherwise.
2. Steel pipe shall conform to ASTM A53, Grade B (Fy = 36 ksi).
3. Steel tube shall conform to ASTM A500, Grade B (Fy = 46 ksi).
4. All main members shall have bolts conforming to ASTM A325.
5. Machine bolts and anchor bolts shall conform to ASTM A307, Grade "A" unless noted otherwise.
6. Welding of structural steel shall be done by the shielded arc process per AWS D1.1 using approved electrodes (E70XX-low hydrogen).
7. Unless noted otherwise, all metal contact edges shall receive minimum size fillet welds per AISC Table 1.17.2A.
8. All workmanship and materials shall conform to the latest edition of the "AISC Specification for the Design, Fabrication and Erection of Structural Steel for Buildings".

STRUCTURAL WOOD

1. All wood members shall be Douglas Fir (DF) or Larch grade marked by a recognized grading agency (W.C.L.A.).
2. Plywood sheathing shall be Douglas Fir conforming to commercial products Standard PS-1-74, and shall be grade marked in accordance with APA.
3. Wood grades (unless noted otherwise):
   (A). For horizontal members: Joists & Rafters - Grade #2; Beams & Stringers - Grade #1; Ledgers - Grade #1
   (B). For vertical members: 2x4 studs - Construction Grade; 2x6 & larger studs - Grade #2; Posts & Timbers - Grade #1
4. Cutting, notching, or drilling of beams or joists to be permitted only as detailed or approved by the Engineer.
5. Unless otherwise specified, all nailing shall conform to the latest edition of the U.B.C.
6. All nails shall be standard common nails, unless noted otherwise.
7. All sills or plates resting on concrete or masonry shall be pressure treated Douglas Fir. Bolts shall be placed 9" from the end of a board or from a notch and spaced at intervals noted.
8. All bolt heads and nuts bearing on wood shall have standard cut washers. All bolt holes in wood shall be drilled 1/32" dia. larger than normal bolt dia.
9. All framing anchors, post caps, columns bases, etc. shall be as manufactured by "Simpson Company" or equivalent.
10. Provide double joists under all parallel partitions.
11. Provide blocking or bridging per latest edition of the U.B.C.
12. Top plates of all wood stud walls to be 2-2x (same width as studs), unless otherwise noted. Lap 48" (min.) with not less than 6-16d nails at each lap and not more than 12" between nails.
13. Adhesives used for any field glueing shall conform to APA performance specification AFG-01.

PREFABRICATED WOOD JOISTS

1. Wood joists shall be as called out on plans and shall have a current I.C.B.O. acceptance.
2. Joists shall be factory manufactured with a structural grade plywood web and MICRO-LAM lumber or machine stress rated lumber flanges utilizing waterproof type glues.
3. Joists shall be fabricated in a properly equipped manufacturing facility approved for fabrication by the U.B.C. and under the supervision of a third party inspection agency.
4. The joists shall be sized and detailed to fit the dimensions and loads indicated on the plans. All designs shall be in accordance with allowable values and section properties assigned and approved by the U.B.C.
5. Joist fabricator shall submit calculations and shop drawings signed by a California Registered Civil Engineer, for review prior to fabrication.
6. The joists are to be erected and installed in accordance with the plans, shop drawings, and truss manufacturer's recommendations. Erection bracing in addition to specified bridging is to be provided to keep the joists straight and plumb as required and to assure adequate lateral support for the individual joists and the entire system until sheathing material has been installed.
7. Temporary construction loads which cause stresses beyond design limits are not permitted.
8. Truss fabricator shall design for, coordinate and verify openings in roof or floor with the contractor prior to fabrication and erection.
9. Truss fabricator shall design trusses for mechanical equipment loads on roof.
10. Wood floor joists shall satisfy a minimum live load deflection criteria of span/600.

GLUE LAMINATED WOOD

1. Fabrication of glu-lam beams shall be in accordance with standard specifications for structural glu-lam Douglas Fir (coast region) as per West Coast Lumberman's Association latest edition.
2. All glu-lam beams exposed to weather shall be fabricated using exterior glue.
3. All glu-lam beams shall be in accordance with U.B.C. Table 25-C-1. Simple span beams 3-1/8" or less in width shall be combination 24F-V4 DF/HF. Simple span beams 5-1/8" or more in width shall be combination 24F-V4 DF/DF. All cantilever beams shall be combination 24F-V8 DF/DF.
4. Manufacturer of glu-lam beams shall stamp members with an I.D. mark of a qualified central inspection organization and a certificate of conformance shall be submitted to the Building Inspection Department and Engineer prior to installation.

LEGEND

AB	Anchor Bolt	TOS	Top of Steel
C or COL.	Column	UNO	Unless Noted Otherwise
C	Camber	WP	Work Point
CF	Continuous Footing	WWM	Welded Wire Mesh
CL	Center Line	(symbol)	Elev. @ top of Sheathing
CMU	Concrete Masonry Unit	[ ]	Elev. top of Footing
(E)	Existing	N/A	Elev. top of wall
FOC	Face of Concrete	(circle)	Precast Panel Callout
FOM	Face of Masonry	N/A	Shear wall - See Schedule
FOS	Face of Stud	(symbol)	Stepped Footing
GLB	Glu-lam Beam		
GLP	Glu-lam Purlin		
HD	Holdown		
(N)	New		
NTS	Not to Scale		
PF	Pad Footing		

GENERAL

1. The Contractor shall verify all dimensions, elevations, and site conditions before starting work and notify the Architect immediately of any discrepancies.
2. All omissions and conflicts between the various elements of the working drawings and/or specifications shall be brought to the attention of the Architect before proceeding with work so involved.
3. Resolve any conflicts on the drawings with the Architect before proceeding with construction.
4. The Contractor shall determine the location of utility services in the area to be excavated prior to beginning excavation.
5. No pipes, ducts, sleeves, chases, etc. shall be placed in slabs, beams, or walls unless specifically shown or noted. Nor shall any structural member be cut for pipes, ducts, etc., unless otherwise noted. Contractor shall obtain prior approval for installation of any additional pipes, ducts, etc. Refer to Architectural and Mechanical drawings for locations.
6. All material and workmanship shall conform to the requirements of the latest edition of the U.B.C.
7. Special inspection per sec. 305 & 306 of the U.B.C. is required as follows:
   A. All structural field welding, including welding of reinforcing steel, and welding of steel decking.
   B. Installation and tightening operations for all high-strength friction bolting (A325F).
   C. Installation and tightening operations for high-strength anchor bolts.
   D. During the taking of test specimens and placing of all reinforced concrete, with the exception of foundation concrete when the structural design strength is no greater than f'c = 2000 PSI.
   E. During the placement of all masonry indicated as having "special inspection."
8. Design based on 1985 edition of Uniform Building Code.

FOUNDATION

1. Soil design pressure: 2000 P.S.F.
2. Bottom of footings shall be at least 30" BELOW LOWEST ADJACENT GRADE.
3. Character of soil: See Soils Report by SCHAEFER DIXON ASSOC. JOB NO. 86-393 SEPT. 30, 1988.
4. Soil Engineer shall verify that construction at the site is in accordance with the recommendations and conclusions of his report.
5. Finished excavation for foundation shall be neat and true to line with all loose material and standing water removed from excavations.
6. Before any concrete is placed, excavations shall be checked and approved by a qualified Soils Engineer to ensure compliance with the requirements.
7. All fill material is to be approved by the Soils Engineer and is to be compacted to 90% of maximum density (or more as directed). Inspection is required during fill and compaction.

REINFORCED CONCRETE

1. Cement shall conform to ASTM C-150, type II.
2. Aggregates shall conform to ASTM C-33 for normal-weight concrete and ASTM C-330 for lightweight concrete.
3. Ready-mix concrete shall be mixed and delivered in accordance with ASTM C-94.
4. Concrete shall have a minimum ultimate compressive strength (f'c) at 28 days as follows: 3000 PSI for slab & footings. See panel elevations for tilt-up concrete strength.
5. Admixtures may be used with approval of the Engineer. Admixtures used to increase the workability of the concrete shall not be considered to reduce the specified minimum cement content.
6. Refer to and verify with architectural drawings any moulds, grooves, reveals, scuppers, ornaments, clips or textures required to be cast into concrete and for location and extent of depressions, curbs, and ramps.
7. Projecting corners of slabs, beams, walls, columns, etc. shall be formed with a 3/4" chamfer unless otherwise noted.
8. Concrete form tolerances shall be within the standards set by the American Concrete Institute.
9. All reinforcing steel, anchor bolts, dowels and other inserts shall be secured in position and inspected by the local building department inspector prior to the pouring of any concrete.
10. Location of all construction joints not specifically indicated on the drawings shall be approved by the Engineer prior to placing reinforcing steel.
11. Concrete floor slab variation from level to 1/8" in ten feet maximum.

TILT-UP PANEL CONCRETE

1. Precast concrete panels shall have a minimum ultimate compressive strength (f'c) per panel elevation notes.
2. Precast concrete panels shall attain the following minimum criteria prior to their erection:
   A. Ultimate compressive strength = 2500 PSI as determined by ASTM C39 standard cylinder test for compressive strength.
   B. Modulus of rupture = 500 PSI as determined by ASTM C78 standard beam test for flexural strength.
   These values are minimums and may be greater as required by panel erection engineer.
3. The Contractor shall obtain an analysis of the erection stresses of all precast panels, beams and other members from a qualified and licensed Civil Engineer and they shall be fully responsible for the safety of strongbacks and other attachments or embeds which may be required.
4. Braces, strongbacks, pickup inserts and their locations, etc. shall be designed, manufactured and detailed by "Burke" or "Superior" or equivalent and are subject to review by the Engineer prior to installation.
5. Provide braces and connections to safely support the panels until their structure, including the roof diaphragm, is adequately self supporting for all loadings.
6. The Contractor shall review, check and coordinate all panel dimensions with architectural plans and elevations prior to construction and shall notify the architect and Engineer immediately of any discrepancies.
7. Verify all door and window opening dimensions with manufacturer prior to placing any concrete.
8. Bond breaking agent shall be "Thompson Water Seal" or "Horns Parting Compound" or "Burke Super Bond Breaker" or approved equivalent. In no case shall the bond breaker restrict the placement of finish materials or paint upon treated surfaces.
9. Fill all pits, holes and pockets with grout and rub smooth with burlap to remove all fins and ridges.
10. The Contractor shall notify the Engineer and Architect two weeks prior to pouring any concrete to enable the scheduling of a job-site visit for review of panel reinforcing placement.
11. Avoid placement of panel pours over control joints and column blockouts.
12. Chord connections shall be welded no sooner than 28 days after panel is cast.

RECEIVED DEVELOPMENT SERVICES DIV. MAR 1 1989 ORANGE COUNTY E.M.A./REGULATION

REVISION B.P. NO. APPROVED RECEIPT NO.

REGISTERED PROFESSIONAL ENGINEER STRUCTURAL STATE OF CALIFORNIA 2368 EXP. 3-31-92

6461R

GENERAL CONSTRUCTION NOTES

DEVELOPER:
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(714) 756-1586

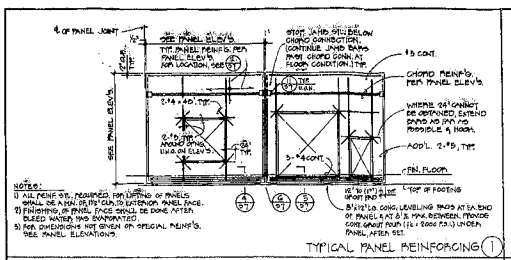
ARCHITECTURE LAND PLANNING
BANZUELO/RIERSON/DUFF & ASSOCIATES, INC.
4501 EAST LA PALMA AVENUE SUITE 202
ANAHEIM, CA. 92807-1907 (714) 777-0606

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

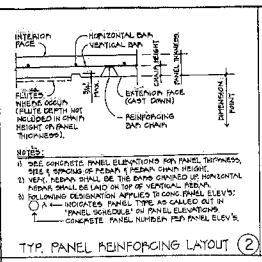
REVISIONS | BY

DRAWN: STANDER

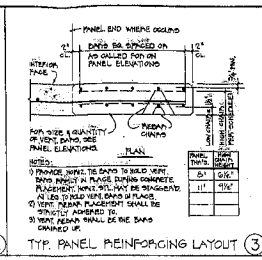
SHEET S-6



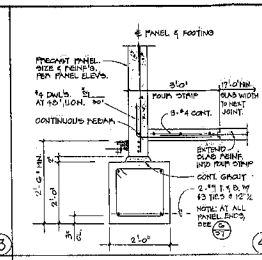
TYPICAL PANEL REINFORCING (1)



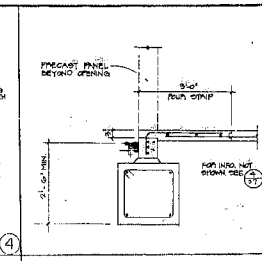
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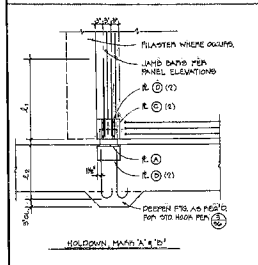
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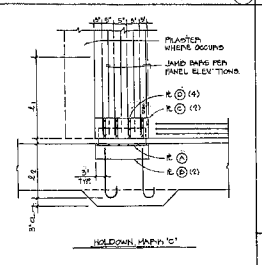
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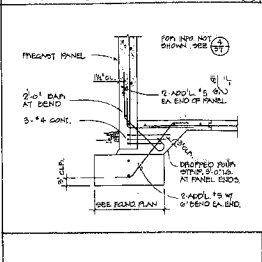
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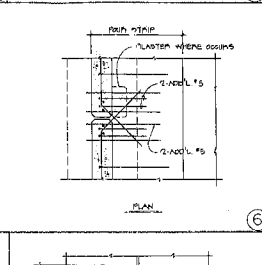
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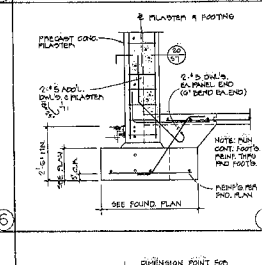


HOLDOWN, MARK 'C'

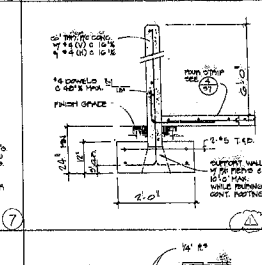


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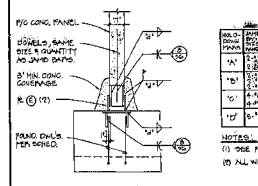




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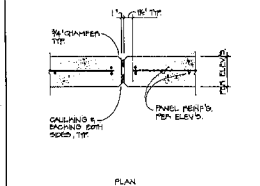
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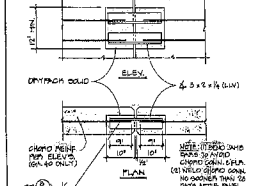
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MARK	PANEL THICK.	PLATE SIZES A	B	C	D	E	L_1	L_2	PED. DWLS
'A'	6"-8"	8"x1'-4"x1'-6"	8"x1'-0"x1'-6"	8"x6"x1'-6"	8"x6"x1'-6"	8"x1'-6"x1'-6"	1'-6"	1'-0"	4-#5
'B'	10"-12"	1'-0"x1'-4"x1'-6"	10"x1'-0"x1'-6"	10"x6"x1'-6"	10"x6"x1'-6"	10"x1'-6"x1'-6"	1'-6"	1'-0"	4-#7
'C'	6"-8"	1'-0"x1'-6"x1'-6"	8"x1'-0"x1'-6"	8"x6"x1'-6"	8"x6"x1'-6"	8"x1'-6"x1'-6"	1'-6"	1'-0"	4-#6
'D'	10"-12"	1'-0"x1'-6"x2'-0"	10"x1'-0"x2'-0"	10"x6"x2'-0"	10"x6"x2'-0"	10"x1'-6"x2'-0"	2'-0"	1'-0"	4-#8

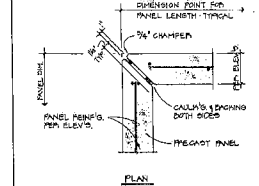
NOTES:
(1) SEE PANEL ELEVATIONS FOR ACTUAL JAMB BAR SIZES.
(2) ALL WELDED DOWELS TO BE GRADE 40 STEEL, OR ASTM.



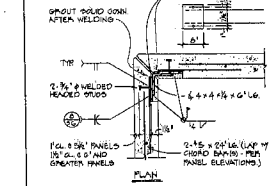
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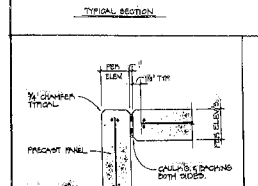
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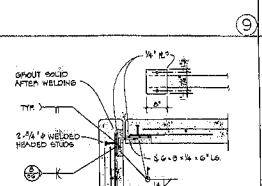
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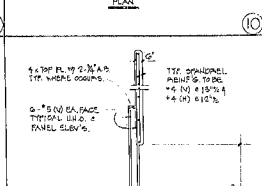
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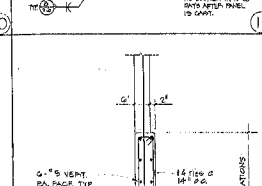
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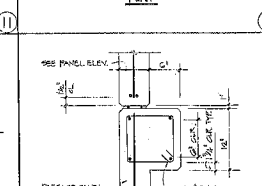
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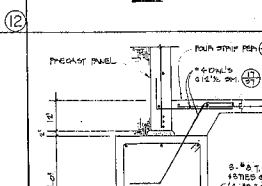
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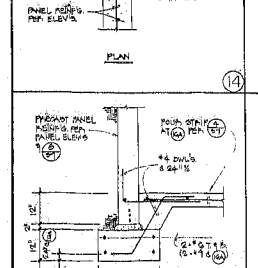
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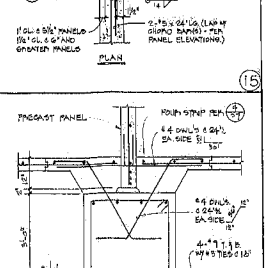
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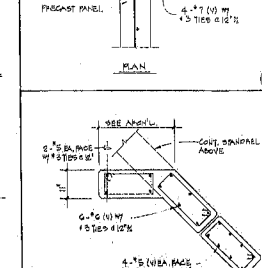
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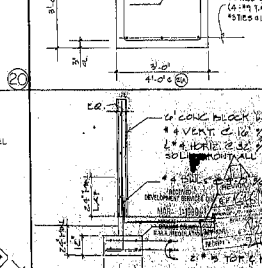
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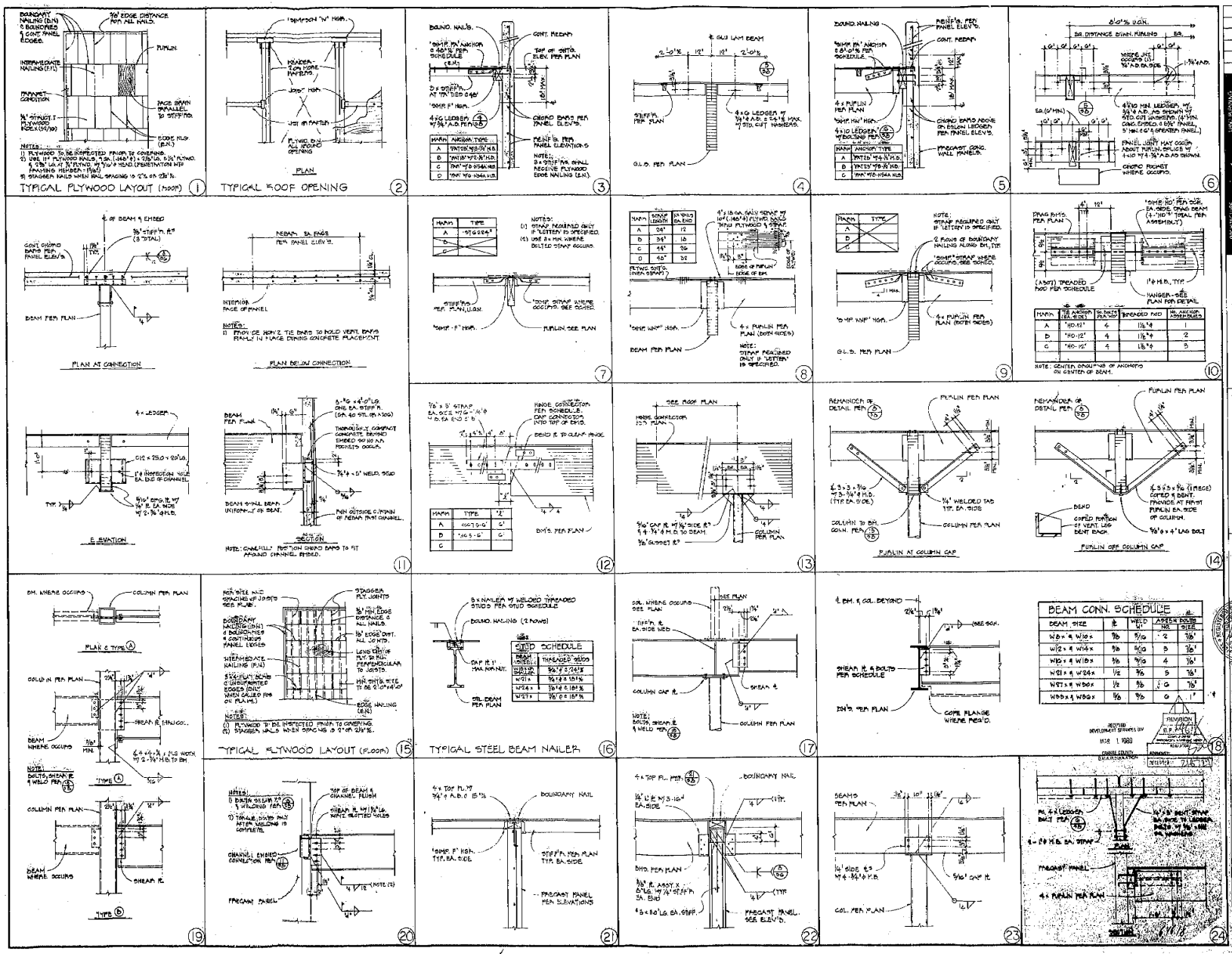


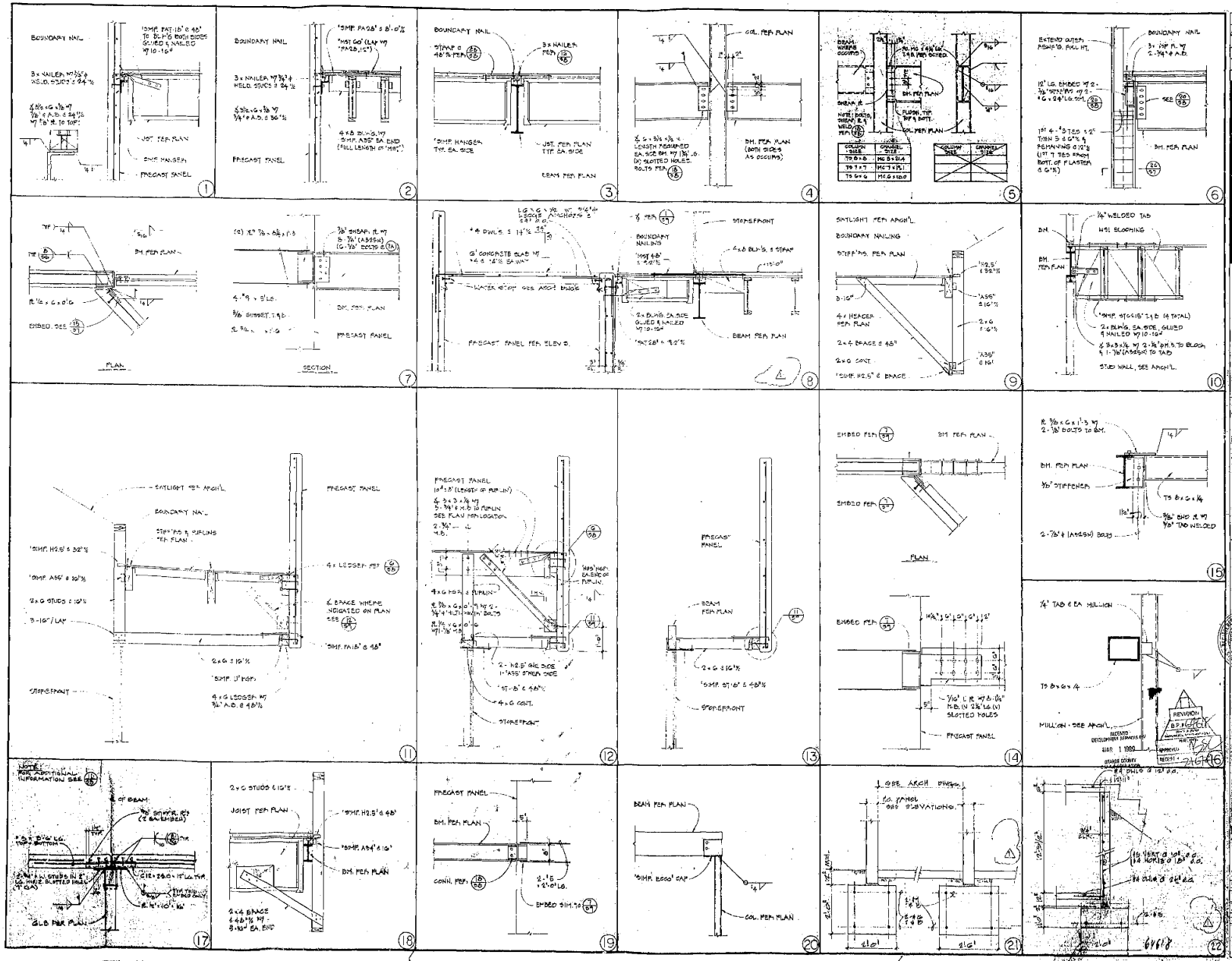
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CONC. BLOCK TRASH ENCLOSURE DETAIL (23)

ARCHITECTURE: BANZUDLO / ANDERSON / DUFF & ASSOCIATES, INC.
STRUCTURAL ENGINEERING: Schaffer/Dyne Associates, Inc. Structural Engineers
DEVELOPER: KAMINARI BUILDING PARTNERS 4350 VON KARMAN, SUITE 160 NEWPORT BEACH, CA 92660 (714) 833-3700 FAX (714) 833-3788
Kaminari #15 ARGONAUT DRIVE ALISO VIEJO, CALIFORNIA
DATE: 8-16-84
SCALE: STANDARD
SHEET: S-7


TYPICAL PLYWOOD LAYOUT (FLOOR) 1
TYPICAL ROOF OPENING 2
PLAN
3
4
5
6
PLAN AT CONNECTION
PLAN BELOW CONNECTION
7
8
9
10
ELEVATION
SECTION
11
12
13
FURLIN AT COLUMN CAP
FURLIN OFF COLUMN CAP
14
TYPICAL PLYWOOD LAYOUT (FLOOR) 15
TYPICAL STEEL BEAM NAILER 16
17
18
TYPE A
TYPE B
19
20
21
22
23
24
BEAM CONN. SCHEDULE
STUD SCHEDULE
NOTES:
1) PLYWOOD TO BE INSPECTED PRIOR TO COVERING.
2) STAGGER NAILS WHEN NAIL SPACING IS 2" OR 2½" O.C.
BOUNDARY NAILING (6d) @ BOUNDARIES & CONT. PANEL EDGES.
INTERMEDIATE NAILING (8d)
FURLIN
PANEL CONDITION
PAGE BRAIN PARALLEL TO STIFF'R.
¾" STRUCT. I PLYWOOD RIDEX (24/0)
EDGE NAIL (8d)
"SIMPSON "H" HGR.
HEADER - 2 ply HOME RAFTERS
JOIST HGR.
JOIST OR RAFTER
PLYWD. BOX ALL AROUND OPENING
BOUND. NAILS
"SIMP. PA" ANCHOR @ 48"ø PER SCHEDULE (8d)
3 x STIFF'R. W/ 10d TIES @ 8"ø
"SIMP. F" HGR.
4 x G LEDGER W/ ¾"ø A.B. @ PER 4
CONT. BEDMD.
TOP OF CNTS. ELEV. PER PLAN
CHORD BMS. PER PANEL ELEV'S.
REINF'G. PER PANEL ELEVATION-G
NOTE: 3 x STIFF'R. SHALL RECEIVE PLYWOOD EDGE NAILING (8d).
MARK | ANCHOR TYPE
A | "SIMPSON MPBT" H.D.
B | "SIMPSON MPBT" H.D.
C | "SIMP. "F" @ HGR. HGRS.
D | "SIMP. "PA" @ HGR. H.D.
4 x G LEDGER W/ ¾"ø A.B. @ PER 4
STIFF'R. PER PLAN
G.L.B. PER PLAN
BOUND. NAILING
"SIMP. PA" ANCHOR @ 6'-0"± PER SCHEDULE
4 x FURLIN PER PLAN
"SIMP. HW" HGR.
4 x 10 LEDGER W/ BOLTING PER 4
REINF'G. PER PANEL ELEV'S.
CHORD BMS ABOVE OR BELOW LEDGER PER PANEL ELEV'S.
PRECAST CONC. WALL PANELS.
MARK | ANCHOR TYPE
A | "SIMPSON "HW" H.D.
B | "SIMPSON "HW" H.D.
C | "SIMP. "HW" H.D.
6'-0"± U.O.N.
8d DISTANCE BTWN. FURLINS EA.
HOLES @ INT. CONDITIONS (3) ¾" A.B. EA. SIDE
4"x10 MIN. LEDGER, W/ ¾" A.B. @ AS SHOWN W/ STD. CUT WASHERS. (4'-1"MIN. CONC. EMBED. x 6 3/8" PANEL) 5'-1" MIN. @ 6'-1" SPACED PANEL)
PANEL JOINT MAY OCCUR ABOUT FURLIN. SPLICE W/ 4"x10 W/ ¾" A.B. AS SHOWN.
GROUT POCKET WHERE OCCURS.
EQ. (6" MIN.)
4 x FURLIN PER PLAN
BEAM PER PLAN
STIFF'R. PER PLAN, U.O.N.
"SIMP. F" HGR.
FURLIN, SEE PLAN
MARK | TYPE
A | "SIMPSON" G224"
B
C
NOTES:
(1) STRAP REQUIRED ONLY IF "LETTER" IS SPECIFIED.
(2) USE 8 x MIN. WHERE BOLTED STRAP OCCURS.
MARK | STRAP LENGTH | NO. HOLES EA. END
A | 24" | 12
B | 36" | 18
C | 48" | 24
D | 60" | 32
4" x 18 GA. GALV. STRAP W/ 10 (.160"ø) FLTWG. NAILS MIN. PLYWOOD & STRAP.
FLTWG. SHTG. (VERT. STRAP)
EDGE OF FURLIN
EDGE OF BM.
"SIMP. HHP" HGR.
BEAM PER PLAN
4 x FURLIN PER PLAN (BOTH SIDES)
NOTE: STRAP REQUIRED ONLY IF "LETTER" IS SPECIFIED.
MARK | TYPE
A
B
C
D
NOTE: STRAP REQUIRED ONLY IF LETTER IS SPECIFIED.
2 ROWS OF BOUNDARY NAILING ALONG EM., TYP.
"SIMP." STRAP WHERE OCCURS. SEE SCHED.
"S HP HHP" HGR.
G.L.B. PER PLAN
STRAP PER PLAN
4" MIN.
"SIMP. RD" PER SCH. EA. SIDE, STAG BEAM (4'-10½" TOTAL PER ASSEMBLY)
(ASSY.) THREADED ROD PER SCHEDULE
1" M.B., TYP.
HANGER - SEE PLAN FOR DETAIL
MARK | TYP. ANCHOR (EA. SIDE) | NO. HOLES PER ASSY. | THREADED ROD | NO. ANCHOR ADHESIVES
A | "HD-10" | 4 | 1'-3½" | 2
B | "HD-12" | 4 | 1'-6" | 2
C | "HD-15" | 4 | 1'-8½" | 3
NOTE: CENTER DIMENSIONS OF ANCHORS ON CENTER OF BEAM.
4'-0" MIN.
4 x LEDGER
C12 x 29.0 x 20'-0" LG.
1" ø INSPECTION HOLE EA. SIDE OF CHANNEL
⅝"ø EDGE H.P. W/ ¾" ø EA. FACE W/ 2-⅜" ø H.S.
TYP. ¾"
BEAM PER PLAN
BEAM SMALL BEAM UNIFORMLY OF BEAM.
3-⅜" x 4'-0" LG. ONE EA. STIFF'R. (GA. 40 STL. OR A 36)
THOROUGHLY COMPACT CONCRETE BEHIND EMBED W/ 90 MIN. POCKETS OCCUR.
¾"ø x 5" WELD. STUD
MIN. OUTSIDE CURTAIN OF PERIM. FAST CHANNEL.
NOTE: CAREFULLY POSITION STRAP BARS TO FIT AROUND CHANNEL EMBED.
⅜" x 5" STRAP EA. SIDE W/ 6 - ¾"ø H.H.D. EA. END @ 6" ø
HINGE CONNECTION PER SCHEDULE. CAP CONNECTION INTO TOP OF BMS.
BEND ¼" TO CLEAR HINGE
MARK | TYPE | "Z"
A | 4 x 6 x ⅜ x 5'-6" | 6"
B | 4 x 6 x ⅜ x 5'-6" | 6"
C
BMS. PER PLAN
SEE ROOF PLAN
HINGE CONNECTION PER SCHEDULE
5/16" CAP PL. W/ ¾" ø SIDE @ 4" ø - 7½" ø H.H.D. TO BEAM.
⅜" GUSSET PL.
COLUMN PER PLAN
REMAINDER OF DETAIL PER
FURLIN PER PLAN
L 3 x 3 x ⅜ W/ 3-⅝" ø H.D. (TYP. EA. SIDE)
½" WELDED TAB TYP. EA. SIDE
COLUMN TO BM. CONN. PER
COLUMN PER PLAN
L 3 x 3 x ⅜ (1 PIECE) COPED & BENT. PROVIDE AT FIN. FURLIN EA. SIDE OF COLUMN.
BEND
COPED PORTION OF VENT. LEG BENT BACK
⅝"ø x 4" LAG BOLT
BM. WHERE OCCURS
COLUMN PER PLAN
PLAN @ TYPE A
COLUMN PER PLAN
SHEAR PL. HALOGO..
BEAM WHERE OCCURS
⅜" MIN.
6 x 6 x ½" PL. x PLUS WIDTH W/ 2-¾" H.S. @ BM.
TYPE A
NOTE: BOLTS, SHEAR PL & WELD PER
COLUMN PER PLAN
BEAM WHERE OCCURS
SHEAR PL.
TYPE B
NOR. SPACING OF JOISTS SEE PLAN.
STAGGER PLY. JOINTS
⅜" MIN. EDGE DISTANCE @ ALL NAILS.
10" EDGE DIST. ALL INTD.
LENGTH OF PLY. TO RUN PERPENDICULAR TO JOISTS.
MIN. JOINTS SITE TO BE 2'-0"x4'-0"
EDGE NAILING (8d)
BOUNDARY NAILING (8d) @ BOUNDARIES & CONTINUOUS PANEL EDGES
INTERMEDIATE NAILING (8d)
5½" FURLIN SPACE @ UNSUPPORTED EDGES (ONLY WHEN SALED PER ON PLAN.)
NOTES:
(1) PLYWOOD TO BE INSPECTED PRIOR TO COVERING.
(2) STAGGER NAILS WHEN SPACING IS 2"OR 2½".
3/4" x STUD W/ WELDED THREADED STUD PER STUD SCHEDULE
BOUND. NAILING (2 rows)
GAP PL. 1" MAX. FOR NUT.
STL. BEAM PER PLAN
STUD SCHEDULE
BEAM WIDTH | THREADED STUDS
W8 x 10 thru W10 x 12 | ¾" x 5 ½" ± 1/8"
W12 x 14 | ¾" x 5 ½" ± 1/8"
W16 x 26 | ¾" x 6 ½" ± 1/8"
W24 x 55 | ¾" x 8 ½" ± 1/8"
W27 x 84 | ¾" x 10" ± 1/8"
SEE PLAN
SOL. WHERE OCCURS SEE PLAN.
1'-11½" ± EA. SIDE WEB
COLUMN GAP PL.
SHEAR PL.
COLUMN PER PLAN
NOTE: BOLTS, SHEAR & WELD PER
E. BM. & COL. BEYOND
(SEE SCH.)
SHEAR PL. & BOLTS PER SCHEDULE
END'S. PER PLAN
COPE FLANGE WHERE REQ'D.
BEAM CONN. SCHEDULE
BEAM SIZE | E | WELD E | ASSEM BOLTS NO. | ASSEM BOLTS SIZE
W8 x & W10 x | ⅜ | 5/16 | 2 | ⅞"
W12 x & W14 x | ⅜ | 5/16 | 3 | ⅞"
W16 x & W18 x | ⅜ | 5/16 | 4 | ⅞"
W21 x & W24 x | ½ | ⅝ | 5 | ⅞"
W27 x & W30 x | ½ | ⅝ | 6 | ⅞"
W33 x & W36 x | ⅝ | ⅝ | 6 | 1"
PREVISION
ACCEPTED DEVELOPMENT SERVICES BY
MAR 1 1988
CONCRETE CRAFTERS
FABRICATION
ERECTION
TOP OF BEAM & CHANNEL FLUSH
SHEAR PL. W/ ¾"ø L.G. WELD SLOTTED HOLES
CHANNEL EMBED CONNECTION PER
PRECAST PANEL
(NOTE (2))
4 x TOP FL. W/ ¾"ø A.B.'s @ 15'-½"
BOUNDARY NAIL
"SIMP. F" HGR. TYP. EA. SIDE.
STIFF'R. PER PLAN TYP. EA. SIDE.
PRECAST PANEL PER ELEVATIONS
4 x TOP FL. PER
BOUNDARY NAIL
½" L.B. W/ 3-10d EA. SIDE
BHD. PER PLAN
⅜" ø ANCH. ASSY. x 8"LG. W/ ¼" STIFF'R EA. END
4 5 x 8 LG. EA. SIDE
PRECAST PANEL SEE ELEV'S.
SEAMD PER PLAN
½" SIDE & 9" W/ 4 - ¾" ø H.B.
5/16" CAP PL.
COL. PER PLAN
PL. 4 x LEDGER EMBD PER
4 - ⅝" H.B. EA. STRAP
PRECAST PANEL
4 x FURLIN PER PLAN
¾" x 8" BOLT, STRAP EA. SIDE TO LEDGER, PASS. W/ NO. 4 BM. WASHERS
REVISIONS | BY
DEVELOPER: BUILDING PARTNERS KAMINARI-ONE-LLC 4340 VON KARMAN NEWPORT BEACH, CA. 92660 (714)833-2060 FAX (714)833-7044
STRUCTURAL ENGINEERS: SCHAEFFER ASSOCIATES, INC. SPECIAL ENGINEERS 2211 MICHELSON DRIVE, SUITE 100 IRVINE, CA. 92715 (714) 752-8404
ARCHITECTURE: BANZUELO / MERSON / DUFF & ASSOCIATES, INC. 2211 MICHELSON DRIVE, SUITE 100 IRVINE, CA. 92715 (714) 752-8404
LAND PLANNING:
THE PROJECT: Kaminari
A 5 BUILDING, 5 LOT, 5 DRIVE AHSO - VIEJO, CALIFORNIA
DATE
SCALE
DRAWN: BRAINDEN
JOB
SHEET
OF
SHEETS



DEVELOPER: BUILDING PARTNERS
KAMALI/VON KARMAN
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714)833-2000 FAX (714)833-7854

ARCHITECTURE
BANZUELO / MERSON / DUFF
& ASSOCIATES, INC.
4 CORPORATE PARK, SUITE 100
IRVINE, CA 92606

Cashdan/Dyer Associates, Inc.
Structural Engineers

REVISIONS	BY
1 7-16	BM

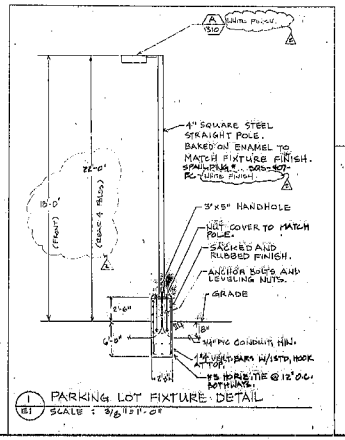
Kaminari
40 ARGONAUT, DRIVE
ALISO, VIEJO, CALIFORNIA

ELECTRICAL SYMBOL LIST

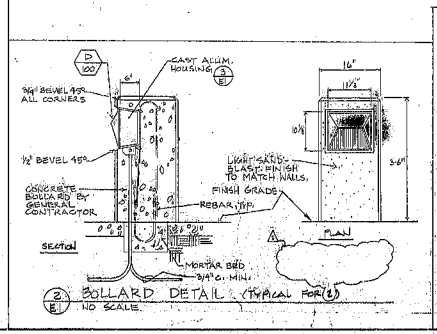
FLUORESCENT STRIP LIGHT
FLUORESCENT FIXTURE
RECESSED INCANDESCENT FIXTURE
INCANDESCENT FIXTURE
INCANDESCENT FIXTURE WALL MOUNTED
EXIT LIGHT FIXTURE WALL MOUNTED
EXIT LIGHT FIXTURE CEILING MOUNTED
ARROW INDICATES DIRECTION
FLUORESCENT SWITCH & OUTLET BOX
JUNCTION BOX - CEILING MOUNTED
JUNCTION BOX - WALL MOUNTED
PREWIRE FOR STANDARD 6 LUMINAIRES
DUPLEX CONVENIENCE OUTLET, WALL MOUNTED
DUPLEX CONVENIENCE OUTLET 9" ON CENTER
SPECIAL OUTLET AS NOTED
DUPLEX CONVENIENCE OUTLET IN FLUSH FLOOR BOX
RADIO OUTLET - WALL MOUNTED
THERMOSTAT OUTLET
EXHAUST FAN
MOTOR OUTLET
SINGLE POLE TOGGLE SWITCH
DOUBLE POLE TOGGLE SWITCH
THREE WAY TOGGLE SWITCH
FOUR WAY TOGGLE SWITCH
DRY SPRINKLER SYSTEM
SPRINKLER SYSTEM
SUPERVISORY INDICATES UNITS CONTROLLED
PILOT LIGHT & TOGGLE SWITCH
TIME CONTROLLED SWITCH
MOTOR STARTER SWITCH
CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS
CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE
CONDUIT RUN EXPOSED
#8 - 3 3/4"c. — #6 - 3 1/4"c. — #4 - 3"c. — #2 - 2 3/4"c. — #1 - 2 1/2"c. — #1/0 - 2 1/4"c. — #2/0 - 2"c. — #3/0 - 1 3/4"c. — #4/0 - 1 1/2"c. — 250MCM - 1 1/4"c.
OTHER THAN 3 CONDUIT WITH #12 WIRES SHALL BE SHOWN ON PLAN (EXCEPT #10 - 3/4"C.)
JUNCTION BOX WITH GROUP - C'S UNIVERSE TO PANEL 'M'
CONDUIT UP
CONDUIT DOWN
DETECTOR DETAIL & SHEET 6.4
DETECTOR BACKWALL & CONFIGURATION (FIRE MARSHALL)
FIRE/BUTTON STATION DUCT DROP
MAGNETIC MOTOR STARTER
DISCONNECT SWITCH
COMBINATION STARTER DISCONNECT SWITCH
LIGHTING PANEL RECESSED IN WALL
LIGHTING PANEL SURFACE MOUNTED
TERMINAL CABINET
MAIN INTERBONDED
TELEPHONE OUTLET BOX WITH COVER PLATE WALL MOUNTED
TELEPHONE OUTLET BOX WITH COVER PLATE ON FLUSH FLOOR BOX
TELEPHONE BACKBOARD
TELEPHONE CONDUIT - WITH PULL WIRE
WEATHERPROOF
DATA OUTLET, WALL MOUNT (SIMILAR TO TELEPHONE) WITH 3/4"c. U.N.O. TO ACCESSIBLE CEILING SPACE.
TV/A OUTLET FLUSH OR FINISH FLOOR WITH 1"c. U.N.O. TO ACCESSIBLE CEILING SPACE.
NL LIGHT LIGHT CIRCUIT (CONNECTED TO PANEL 'HZ')
F.B.O. FURNISHED BY OTHERS.
(E) TRANSFORMER UNIT MOUNT TO SIDE OF 30KE SYSTEM IN META I BOX. LOCATED ABOVE CEILING.
(I) PASSIVE HUB, LOCATE IN WALL 12" BOX WITH BLANK COVER.
(AH) ACTIVE HUB LOCATED IN COMPUTER ROOM) F.B.O.

GENERAL NOTES

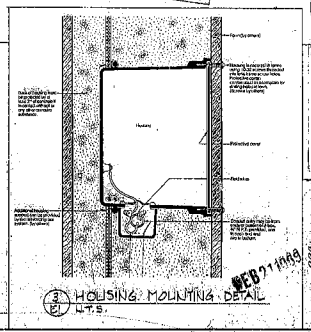
1. THE INTENT OF THESE DRAWINGS IS TO DESCRIBE A COMPLETE AND OPERABLE SYSTEM. REPORT ANY QUESTIONS TO ENGINEERS ATTENTION PRIOR TO BIDDING.
2. PROVIDE GROUNDING WHERE INDICATED OR REQUIRED BY CODE.
3. ALL INSTALLATIONS SHALL MEET FULLY WITH ALL REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (N.E.C.). MATERIAL SHALL BE U.L. LABELED OR LISTED.
4. WHERE NON-METALLIC CONDUIT IS USED, PROVIDE GROUND WIRE.
5. ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURERS REQUIREMENTS. PREMISES SHALL BE CLEANED OF DIRT AND DEBRIS.
6. SUBCONTRACTOR SHALL FURNISH FOR APPROVAL, SHOP DRAWINGS OF ELECTRICAL EQUIPMENT, MOTOR STARTERS, LIGHTING FIXTURES, AND DEVICES PRIOR TO PURCHASE.
7. ALL CONDUCTORS SHALL BE COPPER TYPE "THWN" BELOW GRADE AND TYPE "THWN/THW" FOR EXPOSED AND ABOVE GRADE USES.
8. FURNISH AND PAY FOR ALL PERMITS, INCLUDING ELECTRICAL UTILITY ENABLES AND BUILDING DEPARTMENT PERMIT CHARGES.
9. COORDINATE ELECTRICAL WORK WITH REQUIREMENTS OF OTHER DIVISIONS.
10. PROVIDE CONDUIT BETWEEN THERMOSTATS, AIR CONDITIONING CONTROL PANELS, MOTOR STARTERS, SOLENOID VALVES, AND AIR CONDITIONING UNITS. SEE MECHANICAL PLANS FOR CONTROL WIRE SIZES OR SIZE PER N.E.C.
11. IN ADDITION TO SYSTEMS INDICATED, CONTRACTOR SHALL REVIEW MECHANICAL AND OTHER DRAWINGS PRIOR TO BID AND INCLUDE ALL WIRING MATERIALS (INCLUDE RELAYS AND CONTROL DEVICES) INDICATED THEREON AS PART OF ELECTRICAL WORK.
12. EACH SWITCH TO BE IN SEPARATE 2" X 3" BOX OR 2" X 3" SPACE IN GANG BOX.
13. THE ELECTRICAL SUBCONTRACTOR MUST BE LICENSED BY THE STATE (C-10) AND BOND, VISIT THE JOB SITE PRIOR TO BIDDING, EXAMINE EXISTING CONDITIONS, AND INCLUDE IN HIS BID ALL LABOR AND MATERIAL TO INTERFACE WITH EXISTING SYSTEMS.
14. ALL LIGHTING FIXTURES, INCLUDING EMERGENCY, SHALL BE FURNISHED WITH A STRANDED, COPPER GROUNDING CONDUCTOR, SEPARATE FROM CIRCUIT GROUNDING CONDUCTOR, WITH THE OTHER END OF THE CONDUCTOR TERMINATED AT THE NEAREST GROUNDING TERMINAL IN THE SUPPLY BOX. COMPARTMENTED SHALL HAVE SPACE FOR ADDITIONAL TYPE DEVICES. ALL SWITCHES SHALL TRANSFER OVERLOADS AND MINIMUM RATING. FURNISH EQUAL NUMBER OF CONTACTS AS CIRCUITS CONTROLLED PLUS ONE SPARE POLE. FUSES, DIFFERENTIALS, ARE OR EQUAL.
15. ALL CONDUCTORS SHALL BE COPPER TYPE "THWN" BELOW GRADE AND TYPE "THWN/THW" FOR EXPOSED AND ABOVE GRADE USES. ALL CONDUCTORS AND INSTALLATION SHALL CONFORM TO THE REQUIREMENTS AND CONDITIONS OF THE STRUCTURAL PLANS, REVISED SPACE BOARDS, POOL DETAILS, ETC. AND INCLUDE COST OF PROVISIONS AND INSTALLING THIS REQUIRED EQUIPMENT TO BID.
16. ADJUST MAXIMUM AVAILABLE FAULT CURRENT FROM THE POWER COMPANY PRIOR TO BIDS. EQUIPMENT, BOXES, AND CIRCUIT PROTECTIVE DEVICES SHALL HAVE INTERRUPTIVE RATING TO PROTECT THE ELECTRICAL SYSTEM AGAINST THE MAXIMUM AVAILABLE FAULT CURRENT.
17. REFER TO ARCH. DWGS FOR EXACT LOCATION OF LIGHT FIXTURES.
18. CONNECT TRACK LIGHTING FIXTURES DIRECTLY TO STRUCTURAL OVERHEAD WITH THE (DIAGONAL CORNERS) #16 WIRES.



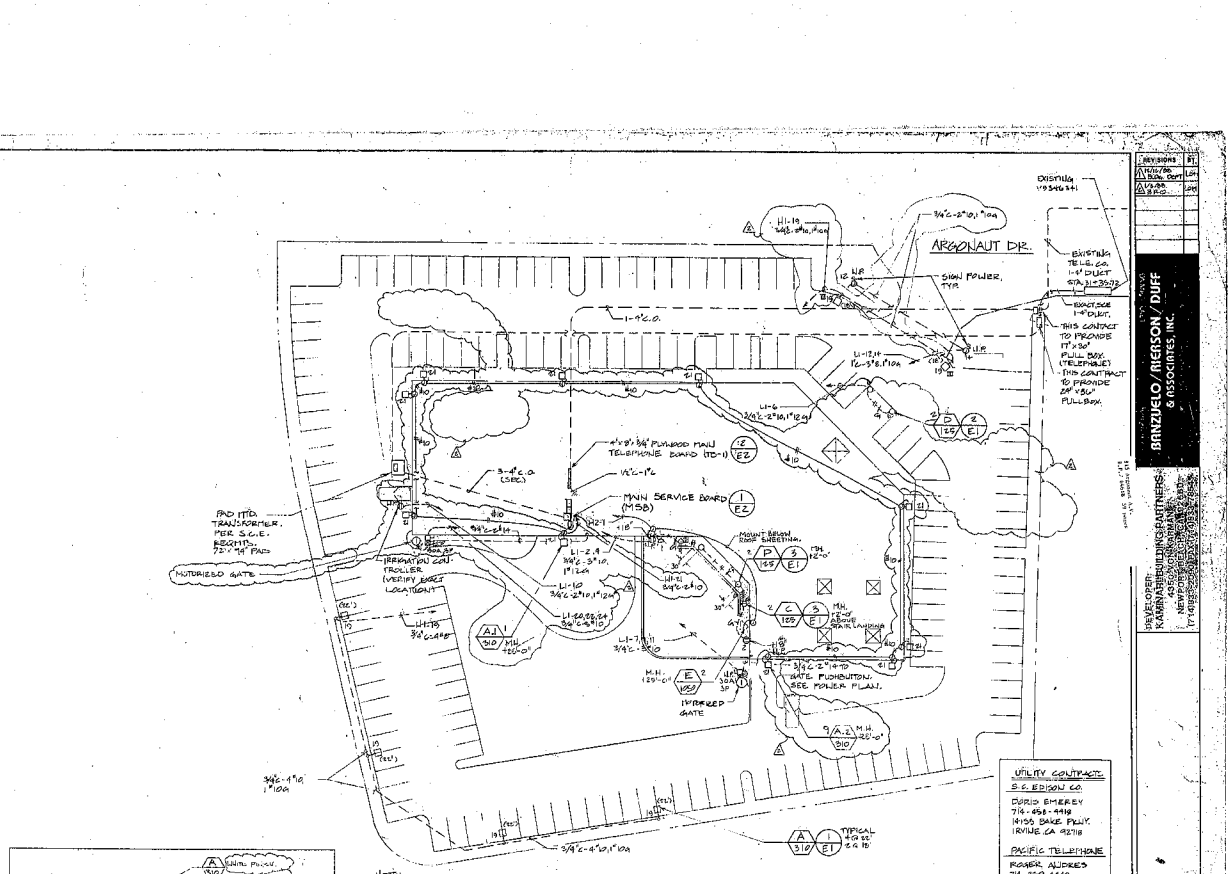
1 / E1 PARKING LOT FIXTURE DETAIL
SCALE: 3/8"=1'-0"



2 / E1 BOLLARD DETAIL (TYPICAL FOR 4)
NO SCALE.



3 / E1 HOUSING MOUNTING DETAIL
N.T.S.



ELECTRICAL SITE PLAN
SCALE: 20'=1'-0"

UTILITY CONTACT:
S.C. EDISON CO.
DAVID EMEREY
714-658-4418
14155 DAKE PKWY.
IRVINE, CA 92718

PACIFIC TELEPHONE
ROGER AUDRES
714-259-4448
1482 EDELWER AVE.
ROOM 157
TUSTIN, CA. 92680

INTERIM OCCUPANCY APPROVED
MAR 13 1989
Orange County Development Services

DEVELOPER:
KAMINA/BUILDING PARTNERS
4350 VON KARMAN AVE.
NEWPORT BEACH, CA 92660
714/833-2626

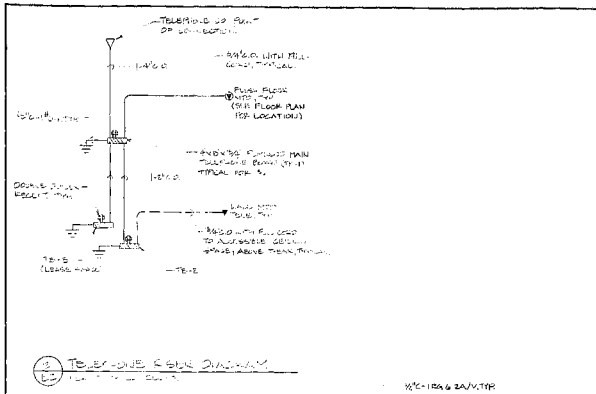
BANZUELO / NIERSON / DUFF & ASSOCIATES, INC.

Kaminari
#19 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

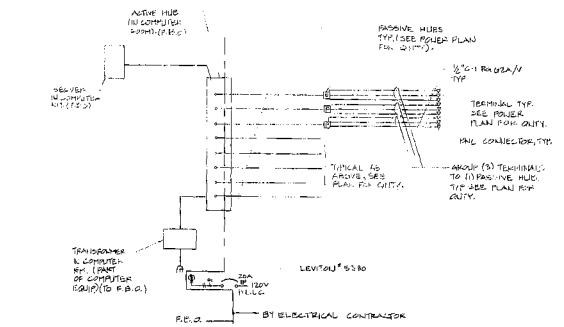
ELECTRICAL SITE PLAN, SYMBOL LIST & DETAILS

E1

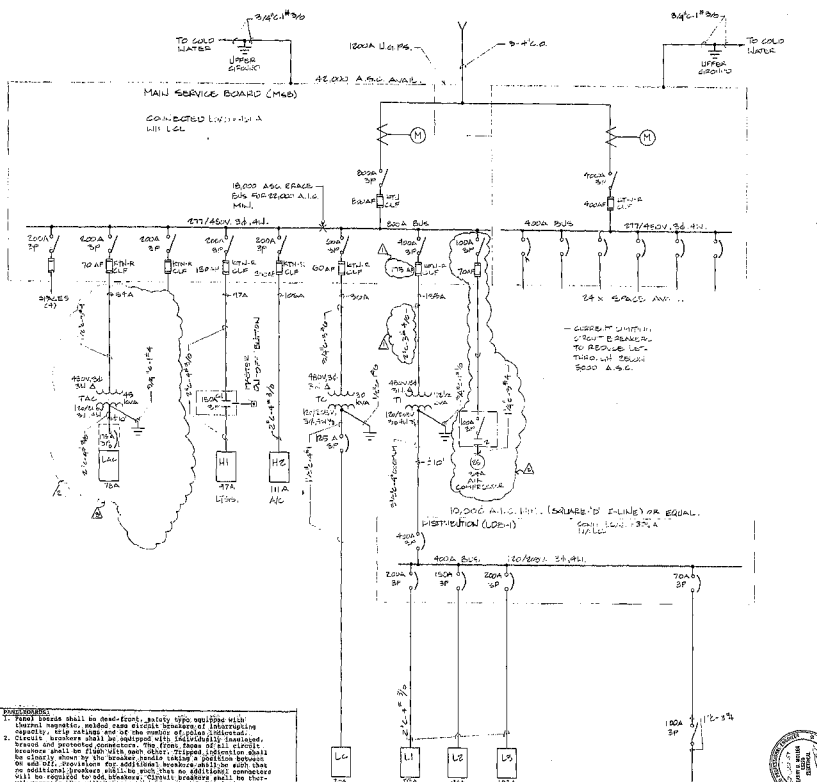
FEB 27 1989



TELEPHONE RISER DIAGRAM



BLOCK DIAGRAM LOCAL AREA NETWORK



SINGLE-LINE DIAGRAM

Δ - FRAME PER MANUF. NAME-PLATE DATA.

APPROVED AS NOTED
CITY OF CUPERTINO
Building & Planning Department

FEB 21 1989

ELECTRICAL WORK 16601

SECTION 16601 - ELECTRICAL WORK

1. GENERAL
1.01 REFERENCES:
All General, supplementary, special conditions and Division 1 apply to this Section.
1.02 SCOPE:
As indicated on Electrical Drawings.
1.03 CODES AND REGULATIONS:
All work under this Division shall comply with the most rigid requirements of the latest editions of the National Electrical Code, the California Administrative Code - Title 24 - State Building Standards Code, Part 3 - Basic Electrical Regulations, all local codes, and Title 24 Calculation Ordinance.
1.04 PERMITS AND INSPECTIONS:
The Contractor shall obtain and pay for all permits and inspections required for the work by all legally constituted authorities having jurisdiction. Certificates of all such permits and inspections shall be delivered to the Owner's representative.
1.05 TESTS:
The Contractor shall perform all electrical tests as required and he shall perform a complete "in service" operation of his entire electrical system to the full satisfaction of the Owner.
1.06 GUARANTEE:
Should any trouble develop within one (1) year from the date of completion and acceptance of the building, due to faulty or defective materials and/or workmanship, the trouble shall be corrected by the Contractor without expense to the Owner.
1.07 RECORD DRAWINGS:
The Contractor shall keep an accurate dimensioned record of the installed locations of all buried conduits and sleeves and shall furnish to the Architect two (2) complete sets of reproducible drawings marked to show the electrical systems exactly as installed. Architect and Engineer Seals shall not appear on the Record Documents.
2. PRODUCTS:
2.01 MATERIALS:
All material, appliances, fixtures and equipment shall be new and of the best grade of the respective kind, free from all defects and of the make, brand and quality specified. Materials for similar use shall be of the same type and manufacture. All materials shall be U.L. listed.
2.02 PROTECTION OF FINISH:
The Contractor shall fully protect all finished parts of the materials and equipment against damage from whatever cause during the progress of the work and until final completion.
2.03 MATERIALS:
A. Conduit: The term conduit shall refer to rigid heavy wall galvanized or sherardized steel conduit, rigid heavy wall aluminum conduit, directional metallic tubing (EMT), flexible metal conduit, schedule 40 PVC conduit.
1. Conduit shall be exposed and subject to mechanical injury shall be rigid heavy wall galvanized steel or aluminum. Aluminum conduit may not be used below grade or imbedded in concrete.
2. Conduit run exposed outside or in floor slabs shall be rigid heavy wall galvanized or sherardized steel.
3. Conduits run below grade, exterior to the building, shall be schedule 40 heavy wall, high impact poly vinyl chloride electrical conduit. A ground wire shall be installed on all PVC conduits.
4. Conduits for lighting circuits and 120 volt outlet circuits shall be EMT where not subject to mechanical injury.
5. Conduit where allowed for lighting circuits and 120 volt outlets shall be flexible metal conduit in stud walls & ceilings.
6. Flexible conduit shall be installed to all vibrating equipment.
7. Liquid tight conduit shall be used for all exterior equipment.
8. No conduit larger than 1" will be permitted.
9. All conduit bodies installed in any location where the presence of moisture is apparent shall be equipped with rubber gaskets.
10. The Sub-Contractor shall furnish and install fittings, special devices and material which may be required for the proper installation of the conduit system.

B. OUTLET BOXES:
Outlet boxes and covers shall be galvanized or sherardized, one piece pressed steel, knockout type of approved manufacture. Gangs for multiple devices shall be gang-boxes.
1. Outlet boxes shall be screwed with plaster rings, extension rings, or fixture blanks as may be required.
2. Boxes exposed to rain or other moisture shall be Crouse-Hinds type FS or FD Bonnell, Steven with appropriate covers and gaskets; painted to match adjoining finish.

C. WIRING DEVICES AND PLATES:
1. Unless exception is noted be Hiorns 1864.
2. Switches shall be Hiorns 5711, single pole, and 5713, three way.
3. Plates shall be brushed stainless steel or Hiorns plastic, smooth white standard.

D. CONDUCTORS:
1. Conductors: Furnish and install conductors of the size and type shown on the drawings and as herein specified. All conductors using this section shall be copper, as shown on the one-lined diagram, type THW and rated at 600 volts nominal where allowed by local codes.
2. Insulation for conductors shall conform to the following: Wire sizes No. 12 to No. 8 shall be Type THW wire size No. 6 and larger shall be type RHW or THW.
3. All branch circuit wires shall be color coded throughout.

E. SWITCHBOARD:
1. Panel boards shall be dead-front, safety type equipped with thermal magnetic, molded case circuit breakers of interrupting capacity, trip ratings and of the number of poles indicated.
2. Circuit breakers shall be equipped with individually inscribed, engraved and permanently attached name plates for all circuit breakers shall be flush-mounted in the cabinet trim and shall be directly above the breaker handle to which it pertains. Provide for add-on. Provisions for additional breakers shall be such that no additional connectors will be required for add-breakers. Circuit breakers shall be thermal magnetic type with inverse time-current characteristics. Multiple pole circuit breakers shall be common trip with a single operating handle. Tandem ties will not be approved.
3. All panel boards shall be as per U.L. labeled.
4. A 1/32 inch clear "Lexite" recessed directory shall be provided on the inside of each panelboard door. The directory shall be typewritten showing the remaining each circuit used.
5. All circuit breakers serving discharge lighting shall be furnished with a locked device.

F. MAIN METERED SERVICE DISTRIBUTION BOARD: Shall be Circuit Breaker or fused disconnect type as required to maintain the let-through current to equipment equal to or within 10,000 amps.

G. DISCONNECT SWITCHES: Disconnect switches shall be fused, unfused or multi-breaker type as shown, with three poles and for the horsepower ratings which is required. Switches shall be horsepower rated, heavy duty, quick-break mechanisms. Switch handles shall be capable of being locked in open or closed position and rated heavy duty.

H. TELEPHONE & INTERCOM SYSTEMS: Contractor shall furnish and install all conduit and pull boxes required for the telephone and intercom systems.

I. GROUNDING: The power system shall be grounded in accordance with the provisions of the National Electric Code.

2.04 LIGHTING FIXTURES:
Furnish as shown on Electrical Drawings.

3. EXECUTION
3.01 VERIFICATION OF DIMENSIONS:
The Contractor shall carefully check the drawings to see that the equipment he contemplates installing will fit into the spaces provided.
3.02 LOCATIONS:
Prior to roughing-in, minor adjustments to outlet locations may be made without additional compensation.
3.03 INSTALLATION:
Install in conformance to governing codes and Electrical Drawings.

END OF SECTION

DEVELOPER:
KAMINA/BUILDING/PARTNERS
4320 CAMPBELL AVENUE
MENLO PARK, CA 94025
(415) 323-2000

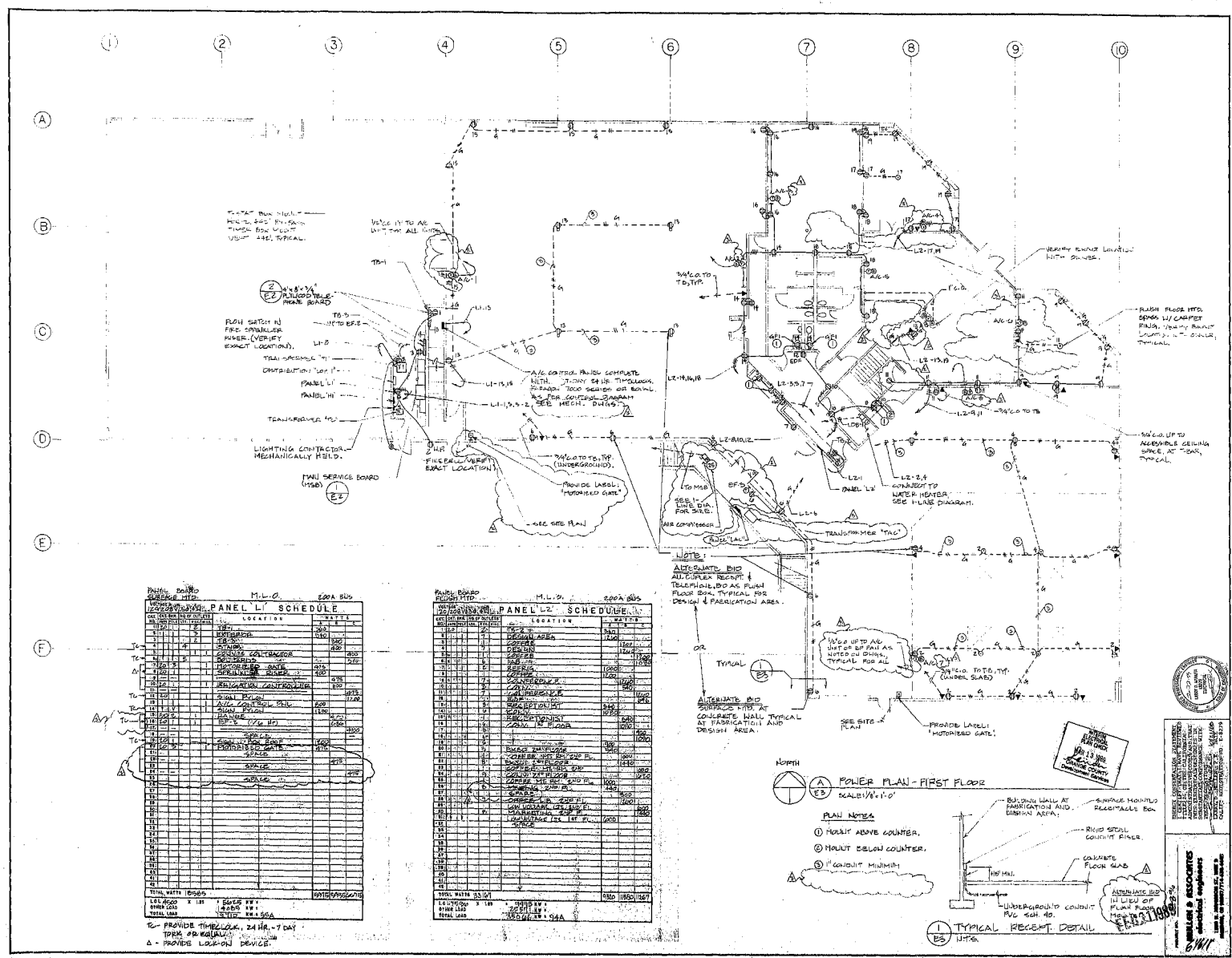
ARCHITECTURE
BRANZUELO/NERSON/DUFF
& ASSOCIATES, INC.

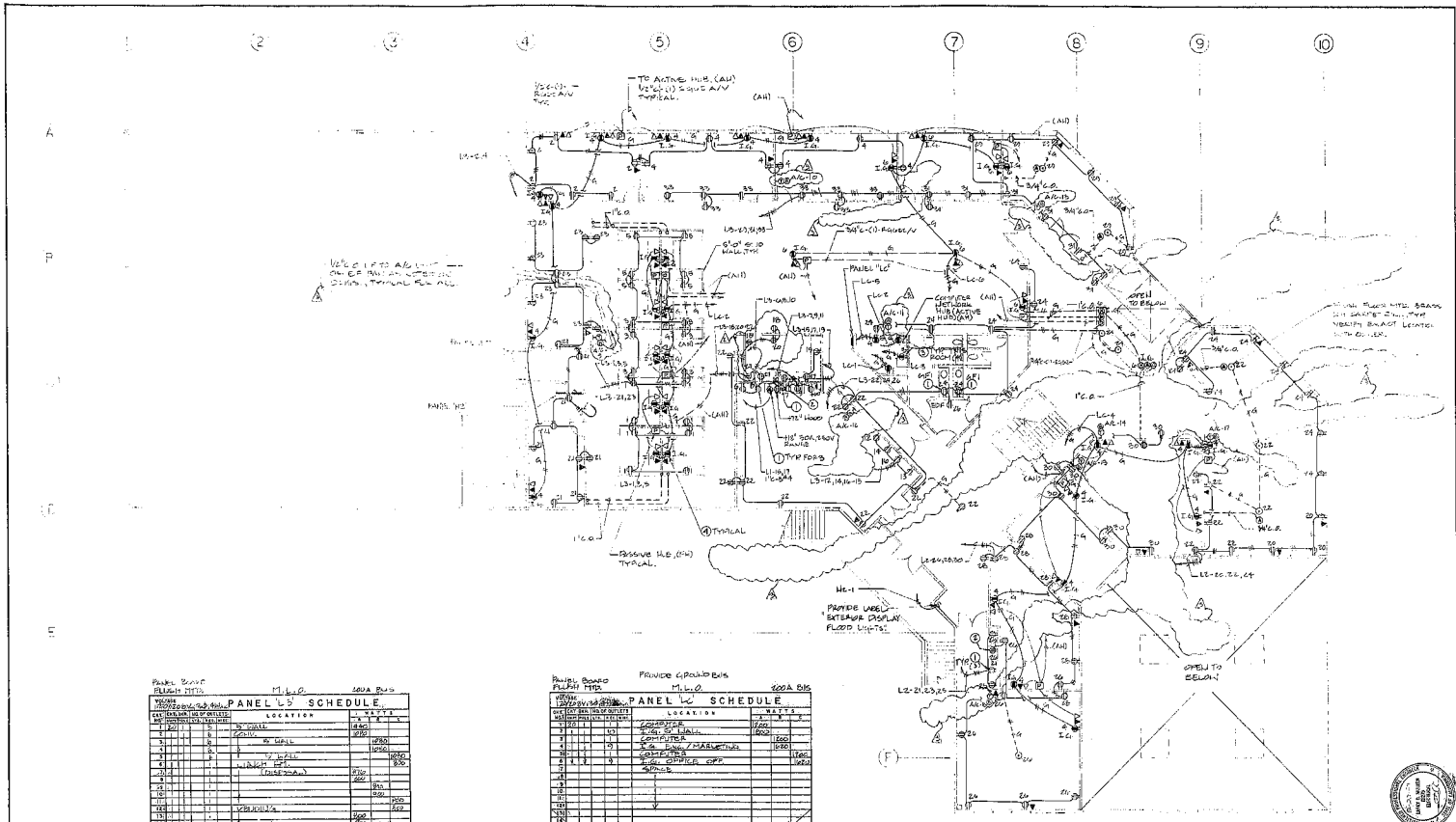
Kaminari
#18
ARCHIMEDES DRIVE
MENLO PARK, CALIFORNIA

MULLEN & ASSOCIATES
electrical engineers
1111 HOWARD AVENUE, SUITE 201
BURLINGAME, CA 94010
(415) 347-2626

Scale: 1/8" = 1'-0"
Date: 8/4/88
Job: 8818
Drawn: JOR
Job: 88-84
Sheet: E2
Of 7 Sheets

NO.	DESCRIPTION	BY
1	9/26/88 PLAN CHK. COMM.	LDM
2	10/18/88 PLAN CHK.	LDM
3	11/8/88 PERMIT	LDM
4	12/9/88 PERMIT	LDM
5	1/6/89 PERMIT	LDM


PANEL BOARD SURFACE MTD.
M.L.O.
200A BUS
PANEL L1 SCHEDULE
PANEL BOARD FLUSH MTD.
M.L.O.
200A BUS
PANEL L2 SCHEDULE
TC - PROVIDE TIMECLOCK, 24 HR. - 7 DAY TORK OR EQUAL)
Δ - PROVIDE LOCK-ON DEVICE.
NOTE:
ALTERNATE BID
AU. DUPLEX RECEPT. & TELEPHONE BIO AS FLUSH FLOOR BOX, TYPICAL FOR DESIGN & FABRICATION AREA.
ALTERNATE BID
SURFACE MTD. AT CONCRETE WALL TYPICAL AT FABRICATION AND DESIGN AREA.
TYPICAL
SEE SITE PLAN
PROVIDE LABEL: "MOTORIZED GATE"
NORTH
POLER PLAN - FIRST FLOOR
SCALE: 1/8" = 1'-0"
PLAN NOTES
① MOUNT ABOVE COUNTER.
② MOUNT BELOW COUNTER.
③ 1" CONDUIT MINIMUM
BUILDING WALL AT FABRICATION AND DESIGN AREA.
SURFACE MOUNTED RECEPTACLE BOX
RIGID STEEL CONDUIT RISER
CONCRETE FLOOR SLAB
18" MIN.
UNDERGROUND CONDUIT PVC SCH. 40.
ALTERNATE BID IN LIEU OF FLUSH FLOOR MOUNTING
TYPICAL RECEPT. DETAIL
E3 SCALE: NONE
DEVELOPER:
KAMINARI DEVELOPMENT CORP.
NEWPORT BEACH, CA 92663
(714) 833-2626
ARCHITECTURE:
GANZUELO / NERSON / DUFF & ASSOCIATES, INC.
ENGINEERING:
MILLER & ASSOCIATES
Kaminari
ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA
POLER PLAN
FIRST FLOOR
SCALE: 1/8" = 1'-0"
DRAWN: EDH
JOB: 88-06
SHEET: E3



PANEL 'LB' SCHEDULE

CKT	CONN. LOAD	DEM. LOAD	NO. OF OUTLETS	LOCATION	WATTS A	WATTS B	WATTS C
1	20		5	a	S. WALL	1840		
2				b	CONV.	3710		
3			6	a	E. WALL		1980	
4			6	b			1950	
5			5	a	W. WALL			1880
6				b				870
7					LIGHT SET (CONFERENCE)	930		
8						600		
9							870	
10							930	
11								930
12								870
13					VESTIBULE	560		
14						930		
15							1000	
16					KITCHEN 9PM		870	
17					VESTIBULE			1002
18					KITCHEN RM.			1000
19						1000		
20						1002		
21			7		CONV.	1740		
22		16				1800		
23			10				1860	
24								1860
25			1		ROOF TOP BLDG.	1200		
26			1		EDF	540		
27					VESTIBULE		1080	
28			1		REF (CASH)		536	
29			8		CONV.			1440
30								1200
31			12		CONV.	1440		
32					SPARE	1440		
33			11		CONV.		1655	
34					EDF (VESTIBULE)			
35					SPARE			1905
36					SPARE			
37								
38								
39								
40								
41								
42								
TOTAL WATTS		9440				7091	7188	7860

LOAD: 7400 X 125 = 9250 KW
OTHER LOAD = 2160 KW
TOTAL LOAD = 9250 KW / 107A

TC PROVIDE 24HR. 7-DAY TIMECLOCK

PANEL 'LC' SCHEDULE

CKT	CONN. LOAD	DEM. LOAD	NO. OF OUTLETS	LOCATION	WATTS A	WATTS B	WATTS C
1	20	1	1	COMPUTER	1800		
2			10	E.&S. W. WALL	1800		
3			9	COMPUTER		1560	
4			19	E. & S. / MARKETING		1680	
5			1	COMPUTER			1560
6			9	FLOW OFFICE EDF			1620
7				SPACE			
8							
9							
10							
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33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
TOTAL WATTS		8640				8000	8060	7860

LOAD 8640 X 125 = 10800 KW = 80A
OTHER LOAD = KW =
TOTAL LOAD = KW =

NORTH

A/B4 POWER PLAN - SECOND FLOOR
SCALE: 1/8" = 1'-0"

PLAN NOTES
1. MOUNT ABOVE COUNTER
2. MOUNT BELOW COUNTER
3. BROWN FACE DUPLEX WITH SURGE SUPPRESSOR, ISOLATED GROUND. LEVITON #5380 OR EQUAL.
4. ORANGE FACE DUPLEX ISOLATED GROUND RECEPT

PROVIDE GROUND BUS

FEB 27 1989

REVISIONS	BY
1/13/89	
2/8/89	
2/27/89	
MISC.	

ARCHITECTURE: BINZUELO / RIGGSON / DUFF & ASSOCIATES, INC.
4730 TOWN CENTER ROAD, SUITE 200, SAN DIEGO, CALIFORNIA 92121
(619) 457-1001 FAX (619) 457-1857

DEVELOPER: KAMINARI BUILDING PARTNERS
4730 TOWN CENTER ROAD
NEWPORT BEACH, CA 92660
(714)833-2090 FAX (714)833-7858

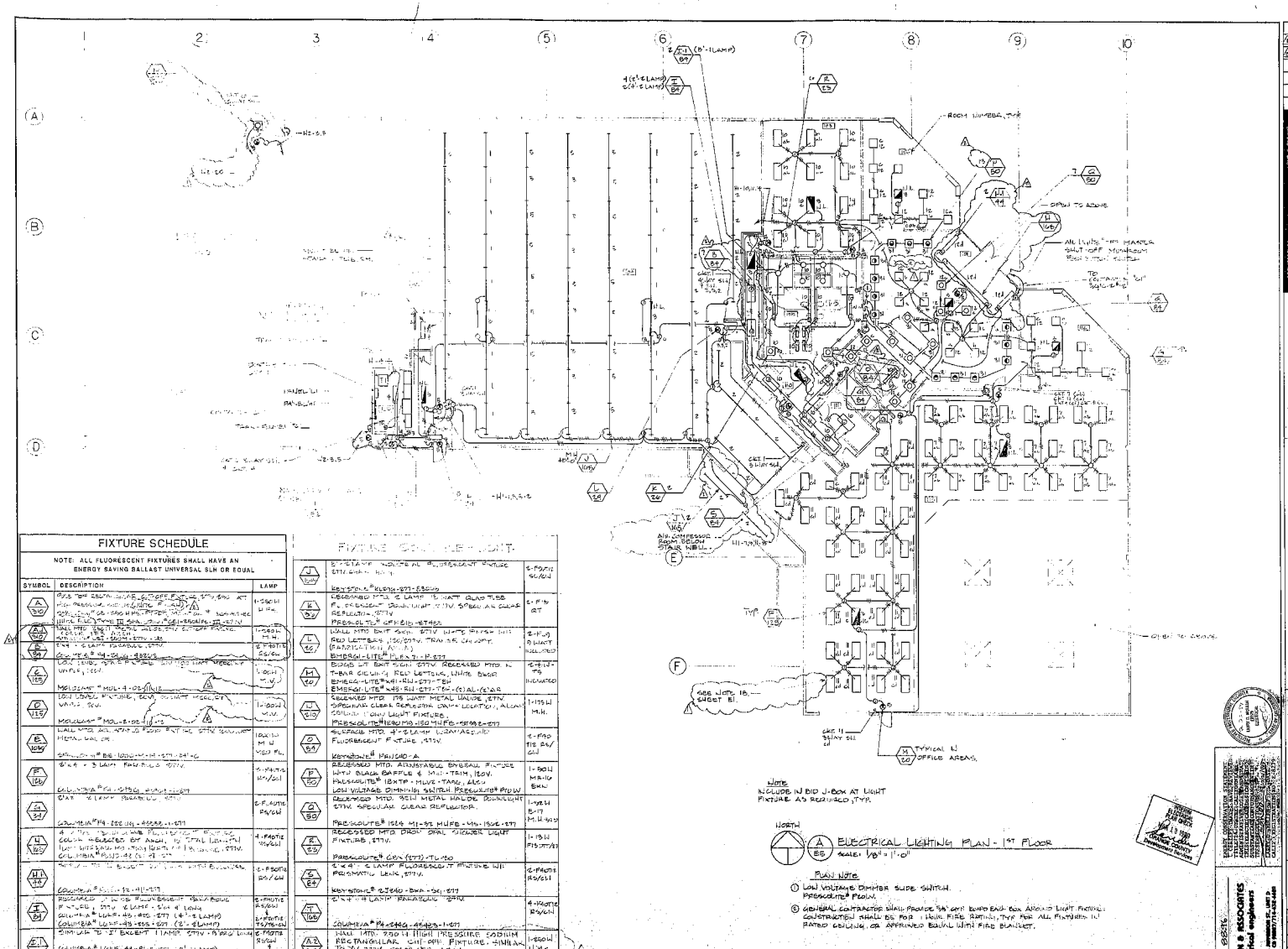
Kaminari
5 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

POWER PLAN SECOND FLOOR

Date: 1/13/89
Scale: 1/8" = 1'-0"
Drawn: BR
Job: 8834
Sheet: E1.6

KRELLER & ASSOCIATES
electrical engineers
1680 N. GRANDVIEW DR., SUITE A
ESCONDIDO, CA 92029 (619) 746-6124

85%



FIXTURE SCHEDULE

NOTE: ALL FLUORESCENT FIXTURES SHALL HAVE AN ENERGY SAVING BALLAST UNIVERSAL SLH OR EQUAL

SYMBOL	DESCRIPTION	LAMP
A 3/0	[illegible]	1-250 W H.P.S.
A1 A1/0	[illegible]	1-250 W H.P.S.
B B/0	[illegible]	2-F 40 T12 CW/RS
C 10/0	[illegible]	1-100 W M.V.
D 11/0	[illegible]	1-400 W M.V.
E 10/0	[illegible]	100 W H.P.S. WALL FIX.
F 18/0	[illegible]	3-F 96 T12 RS/CW
G 9/0	[illegible]	2-F 40 T12 RS/CW
H 8/0	[illegible]	4-F 40 T12 RS/CW
H1 8/0	[illegible]	2-F 40 T12 RS/CW
I 8/0	RECESSED [illegible]	2-F 40 T12 RS/CW & 1-F 40 T12 RS/CW
J 8/0	SURFACE [illegible]	2-F 40 T12 RS/CW

FIXTURE SCHEDULE

J 10/0	[illegible]	6-F 96 T12 SC/CW
L 9/0	RECESSED MTD. 6 LAMP 15 WATT GLASS T-8 FLUORESCENT DOWNLIGHT 277V. SPECULAR CLEAR REFLECTOR - 277V. PRESCOLITE# LCF-6IG-15T-8G3	6-F 15 T8 QT
L 15	WALL MTD EXIT SIGN. 277V. WHITE FINISH WITH RED LETTERS 150/277V. TRANSFORMER. (FAIRPORT TYPE A) EMERGI-LITE# [illegible]	2-F 6 T5 WHT. WALL MTD
H-1 10/0	RECESSED MTD. 175 WATT METAL HALIDE, 277V. SPECULAR CLEAR REFLECTOR. DARK LOCATION, ALSO COLUMN LOBBY LIGHT FIXTURE. PRESCOLITE# [illegible]	1-175 W M.H.
O 6/0	SURFACE MTD. 4'-0" LAMP LOAY-ASSURE FLUORESCENT FIXTURE, 277V. Kennestone# [illegible]	2-F 40 T12 RS/CW
P 15/0	RECESSED MTD. ADJUSTABLE EYEBALL FIXTURE WITH BLACK BAFFLE & TRIM, 150V. PRESCOLITE# 10XTP - MUVE - TARG, ALSO LOW VOLTAGE DIMMING SWITCH. PRESCOLITE# [illegible]	1-150 W MB-HID BWL
Q 8/0	RECESSED MTD. 250 W METAL HALIDE DOWNLIGHT 277V. SPECULAR CLEAR REFLECTOR. PRESCOLITE# 1514 MI-8T MHFB-400-150E-277	1-400 W E-17 M.H. S.P.
R 6/0	RECESSED MTD. DROP SHIELD SHOWER LIGHT FIXTURE, 277V. PRESCOLITE# CRX (277) - TL - 150	1-150 W PAR 38 FL
S E4	2'x4'-2 LAMP FLUORESCENT T-8 MINIMUM WIDTH PRISMATIC LENS, 277V. Kennestone# [illegible]	2-F 40 T12 RS/CW
T 10/0	2'x4'-4 LAMP PARABOLIC - 277V. [illegible]	4-F 40 T12 RS/CW
A2 9/0	WALL MTD. 150 W HIGH PRESSURE SODIUM RECTANGULAR UNIT WITH FIXTURE SIMILAR TO "A" 277V COLOR IMPROVED ARCH. [illegible]	1-250 W H.P.S.

SEE DWGS FOR LOCATION OF LOW VOLTAGE DIMMING SWITCH.

NOTE: INCLUDE IN BID J-BOX AT LIGHT FIXTURE AS REQUIRED, TYP.

NORTH

A / E6 — ELECTRICAL LIGHTING PLAN - 1ST FLOOR

SCALE: 1/8" = 1'-0"

PLAN NOTE

1. LOW VOLTAGE DIMMER SLIDE SWITCH. PRESCOLITE# [illegible].
2. GENERAL CONTRACTOR SHALL PROVIDE 3/4" EMT BOND EACH BOX AROUND LIGHT FIXTURES. CONSTRUCTION SHALL BE FOR 1 HOUR FIRE RATING, TYP. FOR ALL FIXTURES IN RATED CEILING, OR APPROVED EQUAL WITH FIRE BLANKET.

FEB 21 1989

REVISIONS: 1 10/17/88 DUCTS, CONT. BY LPA; 2 1/3/89 ADD BY

ARCHITECTURE · LIVING QUARTERS
BANUELOS / NIERSON / DUFF & ASSOCIATES, INC.
[illegible]

OTHER CONSULTANTS:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714) 833-2690 FAX (714) 833-7854

Kaminari
#2 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

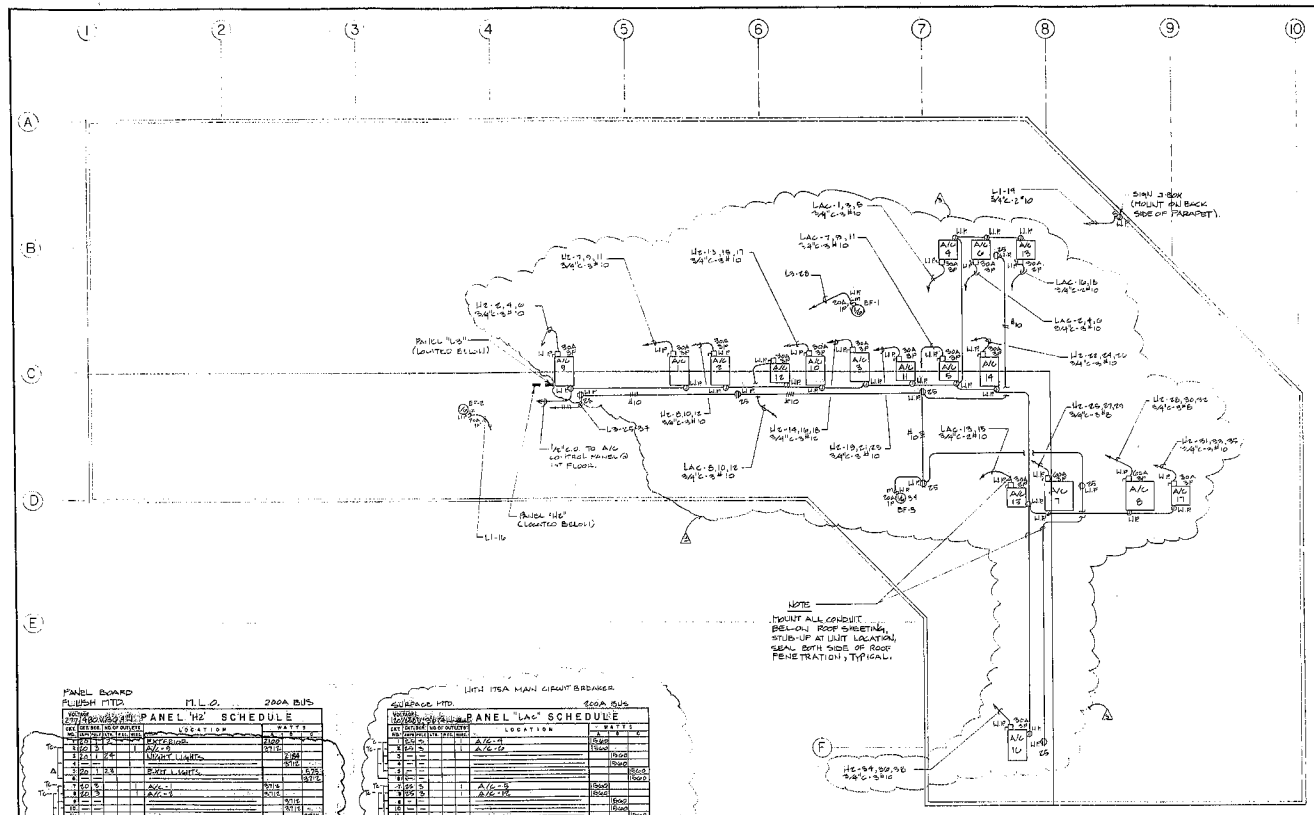
MILLER & ASSOCIATES
electrical engineers
[illegible]

Lighting Plan - 1st Floor

Date
Scale 1/8" = 1'-0"
Drawn BSR
Job 88-34
Sheet E6
Of 11 Sheets

88-16

PANEL 'H-S' SCHEDULE
200A BUS
TYPICAL FIXTURE
TO LIGHT FIXTURES
TO OTHER LIGHT FIXTURES
FIXTURE DOUBLE SWITCHING DETAIL
LIGHTING PLAN - 2ND FLOOR
SCALE: 1/8"=1'-0"
PLAN NOTES
NOTE
INSTALL IN 3RD FLOOR AT LIGHT FIXTURES AS SHOWN
PLAN LIGHTING
2ND FLOOR
Kaminari
12 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA
DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2030 FAX (714)833-7854
ARCHITECTURE
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.
MULLEN & ASSOCIATES
electrical engineers
E6
LIGHTING PLAN, 2ND FLOOR



NORTH

A/E1 ELECTRICAL ROOF PLAN
SCALE : 1/8"=1'-0"

NOTE
Δ FUSE A/C UNIT PER NAMEPLATE DATA.

PANEL BOARD
FLUSH MTD. M.L.O. 200A BUS

PANEL 'HA' SCHEDULE

SEC	CKT	BKR	NO OF OUTLETS		LOCATION	WATTS L1	WATTS L2
1	1	60/3		1	EXTERIOR	2120	
	2					970.0	
	3	20/1	24		LIGHT LIGHTS	2184	
	4	—				970.0	
	5	20/1	33		EXIT LIGHTS		825
	6	—					871.5
	7	50/3		1	A/C-1	5775	
	8	50/3			A/C-3	5775	
	9	—					5775
	10	—					5775
	11	—				5775	
	12	—					5775
	13	60/3		1	A/C-10	6665	
	14	50/3			A/C-2	6665	
	15	—				5393	
	16	—				5393	
	17	—					5865
	18	—					2448
	19	50/2		1	A/C-11	4250	
	20	20/1			EXTERIOR SCRFEET	1504	
	21	—					4250
	22	25/3		1	A/C-14		5775
	23	—					5775
	24	—				5775	
	25	50/3		1	A/C-7	6666	
	26	—				1515	
	27	—					6666
	28	—					6666
	29	50/3		1	A/C-6		6666
	30	—					6666
	31	—				6666	
	32	50/3		1	A/C-17	6409	
	33	—				6409	
	34	—					6409
	35	—					6409
	36	50/3		1	A/C-16		6409
	37	—					6409
	38	—				6409	
	39	—					6409
	40	—					6409
	41	—					6409
	42	—					6409
TOTAL WATTS		150/SEC				46764	46598

LARGEST MOTOR x 125 = 19131 KW :
OTHER LOAD = 120,974 KW :
TOTAL LOAD = 139117 KW : 100 A

Δ - PROVIDE LOCK-ON DEVICE.
TC - PROVIDE TIMECLOCK, 24 HR., 7-DAY.

UNIT 175A MAIN CIRCUIT BREAKER

SURFACE MTD. 200A BUS

PANEL 'LA' SCHEDULE

SEC	CKT	BKR	NO OF OUTLETS		LOCATION	WATTS L1	WATTS L2
1	1	50/3	5		A/C-9	5565	
	2				A/C-12	5565	
	3	—					5565
	4	—					5565
	5	—				5565	
	6	—					5565
	7	50/3	5	1	A/C-5	5565	
	8	50/3	5		A/C-18	5565	
	9	—					5565
	10	—					5565
	11	—				5565	
	12	—					5565
	13	50/3	5	1	A/C-16	7776	
	14	50	1		SPARE	900	
	15	—					7776
	16	50/3	2		A/C-15		7776
	17	—			SPARE		900
	18	—					7776
	19	—			SPACE		
	20						
	21						
	22						
	23						
	24						
	25						
	26						
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	36						
	37						
	38						
	39						
	40						
	41						
	42						
TOTAL WATTS		125/SEC				6665	6665

LGL 46650 x 125 = 58312 KW :
OTHER LOAD = 13104 KW :
TOTAL LOAD = 71416 KW : 78A

TC - PROVIDE TIMECLOCK, 24 HR., 7-DAY

FEB 2 1980

REVISIONS	BY
Δ 2/29/80 ADD'L PANEL	GDM

ARCHITECTURE: BANZUELO/RIERSON/DUFF & ASSOCIATES, INC.
VOICE & TYPEWRITER
[illegible]

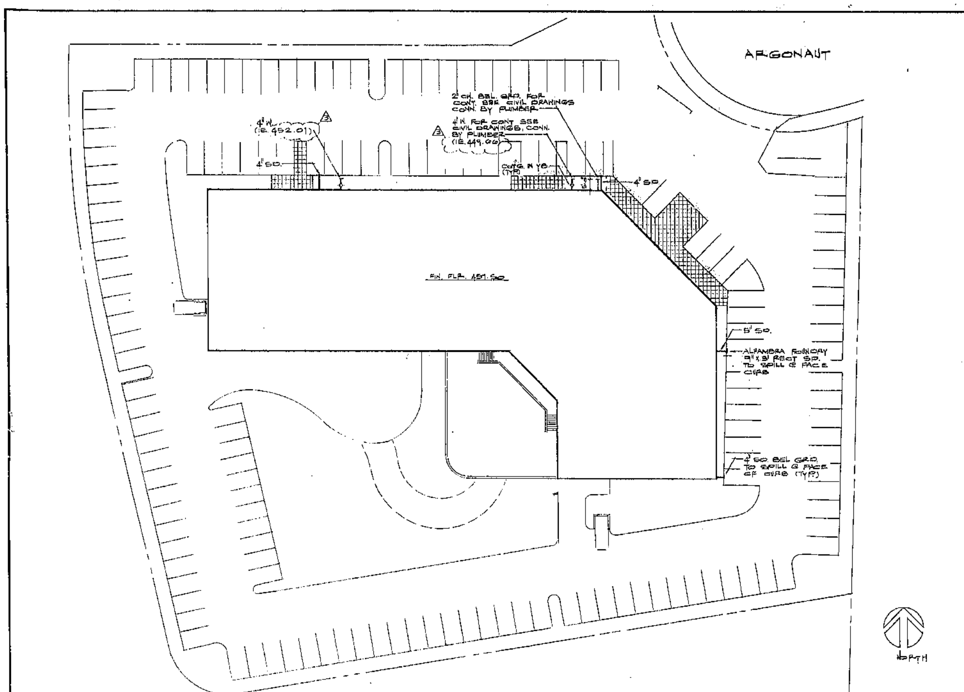
KAMINARI BUILDING PARTNERS
#2 ARGONAUT DRIVE
NEWPORT BEACH, CA 92660
(714) 833-0833

ROOF PLAN
PANEL SCH.

Kaminari
#2 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

SCALE: NOTED
DRAWN: GDM
JOB: 8016
SHEET: E1.7
OF 7 SHEETS

MILLER & ASSOCIATES
electrical engineers
[illegible]



PLUMBING SITE PLAN — SCALE: 1"=20'-0" — A

PLUMBING FIXTURE SCHEDULE

ITEM	FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	WASTE FU	COLD WATER FU	DESCRIPTION (AMERICAN STANDARD FIXTURE EXCEPT AS NOTED)
WC-1	WATER CLOSET	4"	2"	1½"	—	6	10	WATER-SAVER MADERA #2221.018 FLR. MTD. SIPHON JET ACTION, ELONGATED BOWL, VITREOUS CHINA, 1½" TOP SPUD, OLSONITE HEAVY DUTY, #95 WHITE OPEN FRONT SEAT W/SS HINGE W/CHECK, SLOAN 110-3 FLUSH VALVE
WC-2	WATER CLOSET	4"	2"	1½"	—	6	10	SAME AS WC-1 EXCEPT W/F-72A-1 TRAP PRIMER OUTLET & SLOAN ROYAL 113-3 FLUSH VALVE
WC-3	HANDICAPPED WATER CLOSET	4"	2"	1½"	—	10	6	ELONGATED WATER SAVER CADET #9468.018, FLR. MOUNTED ELONGATED BOWL 18" HIGH, SIPHON JET ACTION, VITREOUS CHINA, 2-BOLT CAPS, SUPPLY, OLSONITE #95 OPEN FRONT, WHITE SEAT, SLOAN 110-3 FLUSH VALVE, 1½" TOP SPUD
UR-1	URINAL	2"	1½"	1½"	—	2	5	LYNBROOK #6530.018, 1½ TOP SPUD, VITREOUS CHINA, BLOWOUT ACTION, PRIVACY SHIELDS, WALL HANGER, SLOAN ROYAL 180 FLUSH VALVE
L-1	LAVATORY	2"	1½"	1/2"	1/2"	1	2	AQUALYN #0476.028, 20"x17", VITREOUS CHINA, SELF-RIMMING, FRONT OVERFLOW, #2385.078 FAUCET, 1¼"-2411.015 DRAIN-INTEGRAL PERFORATED GRID, 4" TAILPIECE, CHROME FINISH, SUPPLIES, ADJUSTABLE P-TRAP
S-1	SINK	2"	1½"	1/2"	1/2"	2	2	JUST #SL-2125-ACR-3, 18-GAUGE, SINGLE COMPARTMENT STAINLESS STEEL COUNTERTOP SINK, SELF-RIMMING, SOUND DAMPENING, 21" x 25" x 7½" DEEP, HERITAGE #4150.132, SWING SPOUT, AERATOR, CHROME FINISH, STRAINER, P-TRAP, TAILPIECE #2303.154 SUPPLIES, IN-SINK-ERATOR DISPOSER #333/SS, 1/2 HP, 120V, 1Ø, 60 Hz
S-2	BAR SINK	2"	1½"	1/2"	1/2"	2	4	JUST BAR SINK #SL-1515-BCR-2, 20-GAUGE STAINLESS STEEL, SELF-RIMMING, SOUND DAMPENING, BACK LEDGE, 15" x 15" x 6" DEEP, JUST BAR #JVGN5-S GOOSENECK SWING SPOUT, AERATOR, CHROME FINISH, SUPPLIES, P-TRAP, TAILPIECE.
TP-1	AUTOMATIC TRAP PRIMER	--	—	1/2"	--	--	--	J.R. SMITH AUTOMATIC TRAP PRIMER #2699, CAST BRONZE WITH 1/2" N.P.T. FEMALE CONNECTION
FD-1	FLOOR DRAIN	2"	2"/1½"	--	--	2	—	J.R. SMITH #2005-A, CAST IRON BODY, 5" ROUND, POLISHED NICKEL BRONZE GRATE, ADJUSTABLE STRAINER HEAD, CAULK, BOTTOM OUTLET WITH TRAP PRIMER CONNECTION. JOSAM #30000-5A
SS-1	SERVICE SINK	3"	2"	3/4"	3/4"	3	4	LAKEWELL #7692.049, 22"x28", ENAMELED CAST IRON, #8341.075 SERVICE SINK FAUCET W/VACUUM BREAKER, STOPS IN SHANKS, ROUGH CHROME FINISH, 7798.176 P-TRAP, #8301.061 STRAINER, #8379.018 RIM GUARD
HB-1	HOSE BIBB	—	--	3/4"	—	—	5	ACORN #8121 ROUGH BRASS, VACUUM BREAKER, LOOSE KEY
RD-1	ROOF DRAIN	—	—	--	--	--	—	J.R. SMITH #1010 CAST IRON BODY, LARGE POLYPROPYLENE DOME, UNDERDECK CLAMP, SUMP, ROOF FLANGE, BOTTOM OUTLET, JOSAM #21500
OFD-1	OVERFLOW ROOF DRAIN	--	—	—	—	--	--	TERMINATE +2" ABOVE FIN. ROOF IN YEAGER LEAD ROOF FLASHING WITH COLLAR
WHA-1	WATER HAMMER ARRESTER	--	--	--	--	--	--	JOSAM SHOCK ABSORBER #1485 SERIES PRE-CHARGED W/PURE GLYCERINE HYDRAULIC DISPLACEMENT FLUID PERMANENTLY SEALED. SIZE IN ACCORDANCE TO SCHEDULE
DF-1	DRINKING FOUNTAIN	2"	1½"	1/2"	--	1	2	SUNROC WALL-MOUNTED, DUAL PURPOSE WATER COOLER, STANDING AND WHEELCHAIR LEVEL, MODEL HCWC-8, 7.5 GPH OF 50° WATER, 1/4 HP, 120V, 1Ø, 60
DF-2	DRINKING FOUNTAIN	2"	1½"	1/2"	--	1	2	SUNROC WALL-MOUNTED SIMULATED RECESSED WATER COOLER, MODEL #PSR-8, 8.0 GPH OF 50° WATER, 1/5 HP, 120V, 1Ø, 60, STAINLESS STEEL APRON
WH-1	WATER HEATER	—	—	1½"	1½"	—	—	A.O. SMITH CONSERVATIONIST #DVE-80-18 ELECTRIC WATER HEATER, 80 GAL. CAPACITY, 92 GPH RECOVERY @ 80° RISE, SIX 3000 ELEMENTS, 18,000 WATT, 208 VOLT, 3Ø, 60 Hz, 50.0 FLA COMB. PRESS. & TEMP RELIEF VALVE, PIPE DISCHARGE TO SS-1, U.L. LISTED, ASHRAE STD. 90-1-75R, 3-YEAR WARRANTY
SHR-1	HANDICAPPED SHOWER	2"	1½"	3/4"	3/4"	2	4	KINSTOCK FIBERSHEEN SHOWER #4236-HC, INCLUDING GRAB BARS, SHOWER CURTAIN ROD, DRAIN/WASTE, SHOWER VALVE, SHOWERHEAD SEAT
SHR-2	SHOWER	2"	1½"	3/4"	3/4"	2	4	KINSTOCK FIBERSHEEN SHOWER #3636-C, INCLUDING SHOWER CURTAIN ROD, DRAIN/WASTE, SHOWER VALVE, SHOWER HEAD

WATER HAMMER ARRESTER SCHEDULE

JOSAM FIG. NO.	FIXTURE UNIT RATING	I.P.S.	ACCESS PANEL KARP #214 M-SS
1485-1	1 - 11	3/4"	12 x 12
1485-2	12 - 32	1"	12 x 12
1485-3	33 - 60	1"	12 x 12
1485-4	61 - 113	1"	12 x 12
1485-5	114 - 154	1"	18 x 18
1485-6	155 - 330	1"	18 x 18

NOTE:
NO FIXTURE SUBSTITUTIONS

REVISION 1 — 3-15-89

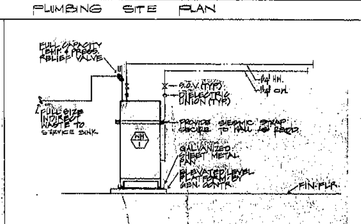
APPROVAL OF PLUMBING PLANS
The plumbing, sewage, disposal, automatic sprinkler system, lawn sprinkler system have been reviewed, and as submitted upon your plans, meet the minimum requirements of the Plumbing Code. This approval does not constitute authority to violate any provisions of said Code nor does it prevent further correction of errors found in the plans.
3-15-89 Date — Checked by [signature] — Approved

PLUMBING LEGEND

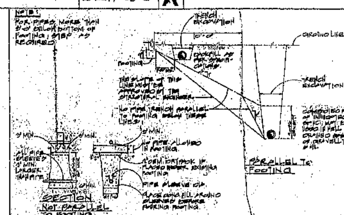
SYMBOL	ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
	S OR W	SOIL OR WASTE	R.D.	ROOF DRAIN
—G—	G.	GAS	A.P.	ACCESS PANEL
	C.W.	COLD WATER	P.O.C.	POINT OF CONNECTION
	H.W.	HOT WATER	P.T.	PLUGGED TEE
	H.W.R.	HOT WATER RETURN	P.Y.	PLUGGED WYE
	V.	SANITARY VENT	P.O.	PLUGGED OUTLET
—SD—	S.D.	STORM DRAIN ABOVE GRADE	V.T.R.	VENT-THRU-ROOF
—CD—	C.D.	CONDENSATE DRAIN	HDR.	HEATER
	FCO OR CO.T.G.	FLOOR CLEANOUT OR CLEANOUT TO GRADE	F.H.C.	FIRE HOSE CABINET
	W.C.O.	WALL CLEANOUT	A.D.	AREA DRAIN
	H.B.	HOSE BIBB	R.I. & C.	ROUGH-IN & CONNECT
	S.A.V.	SHUT-OFF GATE VALVE	V.T.F.	VENT THRU FLOOR
	S.O.C.	SHUT-OFF GAS COCK	C.A.	COMBUSTION AIR
	C.V.	CHECK VALVE	V.C.P.	VITRIFIED CLAY PIPE
	P.T.R.V.	PRESS-TEMPERATURE RELIEF VALVE	F.E.	FIRE EXTINGUISHER
—FSP—	F.S.P.	FIRE SPRINKLER PIPE	F.E.C.	FIRE EXTINGUISHER CABINET
—WSP—	W.S.P.	WET STANDPIPE	O.F.D.	OVERFLOW DRAIN
—MG—	M.G.	MEDIUM PRESSURE GAS	C.I.	CAST IRON
	Y.B.	YARD BOX	F.H.	FIRE HYDRANT
	M.H.	MANHOLE	A.C.P.	ASBESTOS CEMENT PIPE
	(E)	EXISTING	(N)	NEW

PLUMBING GENERAL NOTES:

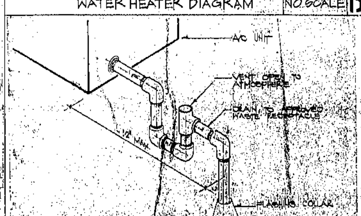
1. INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NEW NON-RESIDENTIAL BUILDINGS.
2. CONTRACTOR SHALL VERIFY DEPTH, SIZE, LOCATION OF ALL EXISTING UTILITIES IN FIELD BEFORE STARTING WORK.
3. CONTRACTOR SHALL COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAYS OR INTERFERENCES.
4. ALL PLUMBING WORK AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES AND REGULATIONS HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN ALL APPROVALS REQUIRED FROM REGULATING AGENCIES BEFORE STARTING WORK.
5. SOIL AND WASTE PIPE SHALL SLOPE AT 2% MINIMUM UNLESS OTHERWISE NOTED.
6. ALL PLUMBING WORK AND MATERIALS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITIONS OF THE UNIFORM PLUMBING CODE, UNLESS OTHERWISE REQUIRED BY THE DEPT. OF BLDG. & SAFETY.
7. CONTRACTOR SHALL FURNISH AND INSTALL ALL BACKFLOW PROTECTION DEVICES REQUIRED BY AGENCIES HAVING JURISDICTION.
8. PLUMBING CONTRACTOR: CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN POINT, CW WATER MAKE-UP TO MECHANICAL EQUIPMENT, GAS PIPING TO UNITS & FINAL CONNECTIONS.
9. OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
10. CONDENSATE DRAINS THAT TERMINATE @ TAILPIECE OF LAV, TAILPIECE SHALL BE INCREASED TO 1½" TO RECEIVE DISPOSAL TYPE TEE 1½"x1½"x1½", EXPOSED TEES & PIPING TO BE CHROMEPLATED.
11. DOMESTIC WATER PIPING: ABOVE GROUND COPPER TYPE "L", BELOW GROUND OUTSIDE OF BLDG. 1½" AND SMALLER PVC SCHEDULE 40 WITH SCHEDULE 80 FITTINGS, 2" AND LARGER PVC CLASS 315 SDR 13.5 WITH SCHEDULE 80 FITTINGS.
12. ~~GAS PIPING: INSIDE BUILDING ABOVE GROUND SCHEDULE 40 BLACK STEEL PIPE. BELOW GROUND OUTSIDE OF BUILDING CLASS 315 SDR 13.5 GAS PIPE.~~
13. SOIL PIPING: BELOW SLAB INSIDE BUILDING, SERVICE WEIGHT COATED CAST IRON HUBLESS PIPE AND FITTINGS. OUTSIDE OF BUILDING, VITRIFIED CLAY PIPE WITH "SPEED SEAL" OR "WEDGE-LOCK" JOINTS.
14. VENT PIPING: BELOW GROUND CAST IRON, ABOVE GROUND SCHEDULE 40 GALVANIZED STEEL PIPE.
15. CONDENSATE DRAIN PIPING: COPPER TYPE "M"
16. INSULATE DOMESTIC HOT WATER PIPING WITH 1½" THICKNESS FIBERGLAS #25 ASJ/SSL R=4.3/INCH PIPE INSULATION WITH STANDARD CANVAS JACKET. COVER EXPOSED INDOOR AND OUTDOOR INSULATION WITH ALUMINUM JACKET.
17. STORM DRAIN PIPING: ABOVE GROUND INSIDE BUILDING: SCHEDULE 40 PIPE ASTM A120 AND CAST IRON SCREWED DRAINAGE FITTING AND LONG SWEEP ELBOWS, UNDERGROUND INSIDE BUILDING: SERVICE WEIGHT COATED CAST IRON HUBLESS PIPE AND FITTINGS, UNDERGROUND OUTSIDE OF BUILDING: NON-REINFORCED CONCRETE PIPE.
18. FIRE SPRINKLER SYSTEM PIPING: UNDERGROUND FROM POINTS 5'-0" OUTSIDE OF BUILDING: CEMENT-ASBESTOS CLASS 150. INSIDE OF BUILDING SCHEDULE 40 STEEL PIPE WITH 150 PSI, MALLEABLE IRON SCREWED FITTINGS.
19. REFER TO KITCHEN CONSULTANTS DRAWINGS FOR PLUMBING ROUGH-IN SCHEDULE AND FOR ADDITIONAL WORK TO BE FURNISHED AND INSTALLED BY THIS CONTRACTOR.
20. PIPING SHALL BE INSULATED AS PER C.E.C. SECTION 2-5312.
21. PLUMBING EQUIPMENT CERTIFIED PER C.E.C. SECTION 2-5314(a).
22. WATER HEATERS FOR DOMESTIC HOT WATER PER C.E.C. SECTION 2-5318.



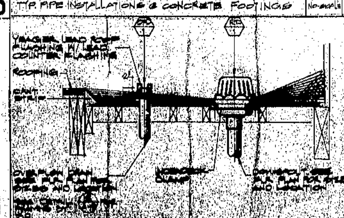
WATER HEATER DIAGRAM — NO SCALE — D



TIE PIPE INSTALLATION @ CONCRETE FOOTINGS — NO SCALE — B



CONDENSATE DRAIN DETAIL — NO SCALE — E



ROOF DRAIN & OVERFLOW DETAIL — NO SCALE — C

WATER CALCULATION
MIN. PRESSURE @ PRV : 65 P.S.I.
MAX. FLOW RATE : 75 G.P.M.
LOSSES:
LOSS THRU METER : — P.S.I.
STATIC HEAD LOSS : 7.50
RESIDUAL PRESS. @ FIXTURE : 25.00
TOTAL LOSSES : 32.50 P.S.I.
MIN. PRESSURE ALLOWABLE FOR FRICTION = 32.2 P.S.I.
ALLOWABLE FRICTION LOSS PER 100 OF PIPE = 18.4 P.S.I.
WATER VELOCITY NOT TO EXCEED 8 F.P.S.

STATE OF CALIFORNIA TITLE 24 DESIGN AND COMPLIANCE REQUIREMENTS. THE STANDARDS HAVE BEEN REVIEWED AND THE DESIGN, DRAWINGS AND CALCULATIONS COMPLY WITH THESE REGULATIONS.

FEB 21 1989

REVISIONS | BY
⚠5 CONTR. REV. 2-7-89 | MC

ARCHITECTURE / LAND PLANNING
BANZUELO/RIERSON/DUFF & ASSOCIATES, INC.

AMS APPLIED MECHANICAL SYSTEMS, INC.

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714)833-2090 FAX (714)833-7854

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE
SCALE
DRAWN N. CARRANZA
JOB 88-81
SHEET P-1

PLUMBING FIRST FLOOR PLAN
TRAP PRIMER DETAIL
TRAP PRIMER CONNECTION DETAIL
FLOOR DRAIN
FEB 2 1989
Kaminari
#16 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA
DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7054
AMS
APPLIED MECHANICAL SYSTEMS, INC.
ARCHITECTURE
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.

FLOOR PLAN - SECOND FLOOR - DUCT

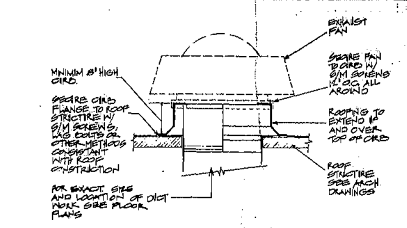
Kaminari

#15 ARGONAUT, DRIVE,
ALISO VIEJO, CALIFORNIA

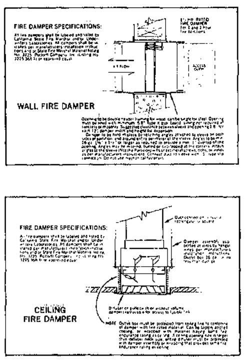
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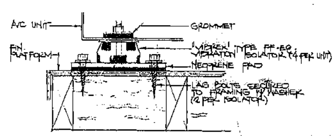
APPLIED MECHANICAL SYSTEMS, INC.

ARCHITECTURE LAND PLANNING
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.



PRE-FAB EXH. FAN CURB DETAIL — NO SCALE — G





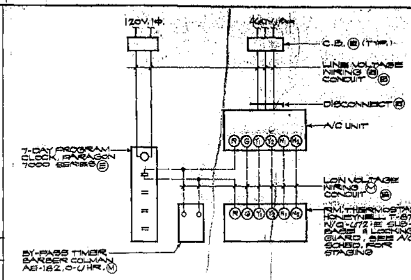
SEISMIC VIBRATION ISOLATOR DETAIL — NO SCALE — H

AIR DISTRIBUTION SCHEDULE
(UNLESS OTHERWISE INDICATED)

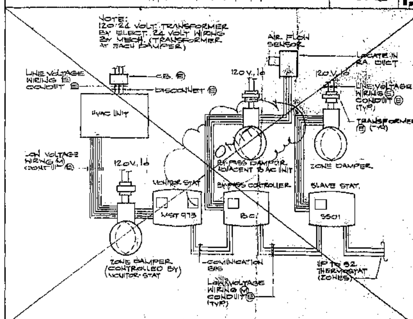
CEILING DIFFUSERS

CFM	SIZE	CFM	SIZE
0 - 100	6 x 6	501 - 675	16 x 16
101 - 175	8 x 8	676 - 875	18 x 18
176 - 275	10 x 10	876 - 1000	20 x 20
276 - 375	12 x 12	1001 - 1200	22 x 22
376 - 500	14 x 14		

NOTE: CEILING DIFFUSER THROWS SHALL BE 4-WAY UNLESS OTHERWISE INDICATED.
CEILING DIFFUSER: ANEMOSTAT RHD W/FILLER PANEL
SUPPLY WALL REGISTER: WATERLOO X25HD W/OBD
RETURN AIR & EXHAUST CEILING GRILLE: 24x24 PERFORATED PLATE
RETURN AIR WALL GRILLE: WATERLOO X35HDS
LINEAR WALL DIFFUSER: ANEMOSTAT AL W/OBD
LINEAR CEILING DIFFUSER: ANEMOSTAT SLAD W/OBD
EQUIVALENTS: METAL AIRE, ROP



A/C CONTROL DIAGRAM — NO SCALE — E



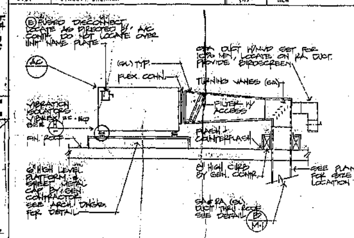
V.V.T. CONTROL DIAGRAM — NO SCALE — F

A/C GENERAL NOTES:

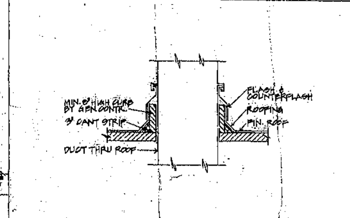
1. INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NEW NON-RESIDENTIAL BUILDINGS.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
3. OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES, AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
4. ALL MATERIALS AND EQUIPMENT PROVIDED AND/OR INSTALLED SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK BY THE OWNER. ANY DEFECTIVE MATERIALS OR INFERIOR WORKMANSHIP SHALL BE CORRECTED TO THE ENTIRE SATISFACTION OF THE OWNER.
5. WITHIN 14 DAYS AFTER AWARD OF CONTRACT SUBMIT FIVE (5) COPIES OF REQUIRED SHOP DRAWINGS, MATERIAL LISTS, AND EQUIPMENT SPECIFICATIONS OF ITEMS PROPOSED FOR INSTALLATION.
6. ELECTRICAL CONTRACTOR: CONDUIT FOR LINE & LOW VOLTAGE WIRING, LINE VOLTAGE WIRING, SWITCHES, DISCONNECTS, CIRCUIT BREAKERS, FINAL CONNECTIONS, ITEMS INDICATED THUS (E)
7. MECHANICAL CONTRACTOR: TEMPERATURE CONTROLS, LOW VOLTAGE WIRING & ITEMS INDICATED THUS (M). WIRING SHALL CONFORM TO LOCAL CODES.
8. PLUMBING CONTRACTOR: CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN POINT, CW WATER MAKE-UP TO MECHANICAL EQUIPMENT, GAS PIPING TO UNITS & FINAL CONNECTIONS.
9. GENERAL CONTRACTOR: CURBING, LEVEL PLATFORMS, FRAMED OPENINGS, DOOR LOUVERS, (DL), UNDERCUT DOORS (UC), EXTERIOR LOUVERS.
10. ALL EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THIS SECTION OF THE SPECIFICATIONS.
11. ALL SHEET METAL CONSTRUCTION AND GAGES SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL AND ASHRAE CODES. TAPE ALL TRANSVERSE AND LONGITUDINAL JOINTS, SUPPLY AND RETURN DUCTS.
12. SOUND LINE (SL) ALL SUPPLY AND RETURN AIR DUCTS EXPOSED TO WEATHER AND AS NOTED. ACOUSTIC LINER 1/2" THICK, R-6 EXCLUSIVE OF FILM RESISTANCE, NDFU RATED. (DUCT SIZES SHOWN INCLUDE LINER).
13. ALL CONCEALED SUPPLY AND RETURN AIR DUCTS TO BE INSULATED WITH 2" THICK FIBERGLAS BLANKET WITH R-6 EXCLUSIVE OF FILM RESISTANCE.
14. AT CONTRACTOR'S OPTION CASCO DUCT 1" THICK WITH POSITIVE VAPORSEAL IS APPROVED IN LIEU OF CONCEALED SHEET METAL ROUND PIPE. THE DUCT SHALL BE UNDERWRITERS' LABORATORIES LABELED AS A CLASS 1 AIR DUCT IN ACCORDANCE WITH U.L. STANDARD TEST METHOD 181.
15. END CONNECTION TO CEILING DIFFUSER AND RETURN AIR GRILLE SHALL BE "CASCO SILENT FLEX" INSULATED LOW PRESSURE SF-181 7' 0" LONG FLEXIBLE DUCT.
16. WHERE INTERIOR OF DUCTWORK IS VISIBLE THRU AN AIR OUTLET, INSIDE OF DUCT SHALL BE PAINTED WITH A FLAT BLACK PRIMER, OR LINING SHALL HAVE BLACK FACING.
17. ALL JOINTS OF DUCTWORK EXPOSED TO WEATHER SHALL BE SEALED WATERTIGHT WITH ARABOL AND CANVAS.
18. HVAC EQUIPMENT CERTIFIED PER C.E.C. SECTION 2-5314(a).
19. AUTOMATIC CONTROLS FOR OFF-HOURS SHALL COMPLY WITH C.E.C. SECTION 2-5315(a).1.
20. THERMOSTAT SET POINT REQUIREMENTS SHALL COMPLY WITH C.E.C. SECTION 2-5315(a).
21. SEQUENTIAL CONTROL OF HEATING & COOLING SHALL COMPLY WITH C.E.C. SECTION 2-5315(a).3.
22. VENTILATION SHALL BE PROVIDED PER C.E.C. SECTIONS 2-5316 & 2-5343.

AIR CONDITIONING LEGEND

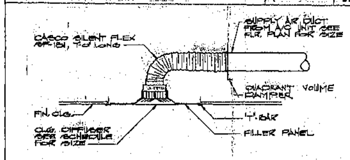
SYMBOL	DESIGNATION	SYMBOL	DESIGNATION
	DUCT RISER OR DROP (SUPPLY AIR)	C.D.	CEILING DIFFUSER
	DUCT RISER OR DROP (RETURN AIR)	R.A.G.	RETURN AIR GRILLE
	DUCT RISER OR DROP (EXHAUST AIR)	MVD	MANUAL VOLUME DAMPERS
DL	DOOR LOUVERS	E.A.G.	EXHAUST AIR GRILLE
UC	UNDERCUT DOOR	AFD OR ●	AUTOMATIC FIRE DAMPERS
(SL)	SOUND LINE	V.T.R.	VENT-THRU-ROOF
S.A.	SUPPLY AIR	F.C.	FLEX CONNECTION
R.A.	RETURN AIR	(T)	ROOM THERMOSTAT
E.A.	EXHAUST AIR	SWR	SUPPLY WALL REGISTER
OSA	OUTSIDE AIR	C.A.	COMBUSTION AIR
M.A.	MIXED AIR	A.P.	ACCESS PANEL
(BT)	BY-PASS TIMER	A.D.	ACCESS DOOR
U.T.R.	UP-THRU-ROOF	P.O.C.	POINT OF CONNECTION
(E)	EXISTING	D.T.R.	DUCT-THRU-ROOF
C.B.	CIRCUIT BREAKER	(N)	NEW



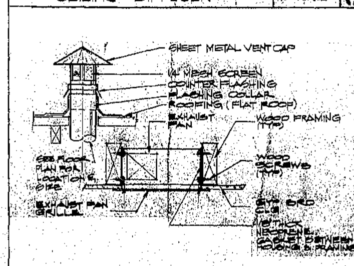
A.C. UNIT ELEVATION — NO SCALE — A



DUCT THRU ROOF — NO SCALE — B



CEILING DIFFUSER — NO SCALE — C



CEILING MOUNTED EXH. FAN DETAIL — NO SCALE

A/C EQUIPMENT SCHEDULE

MARK	DESCRIPTION
AC-13, AC-15	2 TON. ROOF MOUNTED AIR CONDITIONING UNIT: CARRIER HEAT PUMP MODEL NO. 50QQ024, SEER 9.2; 24,000 BTU/HR COOLING @ 95°F AMB. & 67°FWB/80°FDB ENT. EVAP. AIR; 800 CFM @ 0.50" ESP; HEATING CAPACITY: 24,000 BTU/HR INPUT @ 47°F AMB.; ELECTRICAL: 16.5 FLA @ 208/230 VOLTS, 1Ø, 60; VIBRATION ISOLATORS: VIBREX PF-EO; REFRIGERANT: R-22, 6 LBS, 8 OZ.; FILTERS: (1)20x25x1, FARR 30/30; FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE, UNIT SIZE: 48"x42"x22" HIGH; OPERATING WT. 450 LBS.
AC-4, AC-5, AC-6, AC-12	2-1/2 TON. ROOF MOUNTED AIR CONDITIONING UNIT: CARRIER HEAT PUMP MODEL NO. 50QQ030, EER 8.2; 30,600 BTU/HR COOLING @ 95°F AMB. & 67°FWB/80°FDB ENT. EVAP. AIR; 1000 CFM @ 0.70" ESP; HEATING CAPACITY: 29,000 BTU/HR INPUT @ 47°F AMB.; ELECTRICAL: 13.0 FLA @ 208/230 VOLTS, 3Ø, 60; VIBRATION ISOLATORS: VIBREX PF-EO; FILTERS: (2)15x20x1, FARR 30/30; REFRIGERANT: R-22, 8 LBS., 0 OZ.; FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE, UNIT SIZE: 48"x42"x22" HIGH; OPERATING WT. 450 LBS.
AC-3, AC-16	3 TON. ROOF MOUNTED AIR CONDITIONING UNIT: SIDE DISCHARGE; CARRIER HEAT PUMP MODEL NO. 50QD004, EER 8.6; 36,000 BTU/HR COOLING @ 95°F AMB. & 67°FWB/80°FDB ENT. EVAP. AIR; 1200 CFM @ 0.60" ESP; HEATING CAPACITY: 35,000 BTU/HR INPUT @ 47°F AMB.; ELECTRICAL: 9.0 FLA @ 460 VOLTS, 3Ø, 60; VIBRATION ISOLATORS: VIBREX PF-EO; FILTERS: (2)16x25x2 FARR 30/30; REFRIGERANT: R-22; FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE, ALTERNATE MOTOR, MANUAL OUTDOOR AIR HOOD; UNIT SIZE: 74"x45"x33" HIGH; OPERATING WT. 500 LBS.
AC-11, AC-17	3-1/2 TON. ROOF MOUNTED AIR CONDITIONING UNIT: CARRIER HEAT PUMP MODEL NO. 50QQ042, EER 8.0; 41,500 BTU/HR COOLING @ 95°F AMB. & 67°FWB/80°FDB ENT. EVAP. AIR; 1400 CFM @ 0.70" ESP; HEATING CAPACITY: 42,000 BTU/HR INPUT @ 47°F AMB.; ELECTRICAL: 9.6 FLA @ 460 VOLTS, 3Ø, 60; VIBRATION ISOLATORS: VIBREX PF-EO; FILTERS: (2)20x20x1, FARR 30/30; REFRIGERANT: 8 LBS., 12 OZ., R-22; FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER, & ON-OFF SUBBASE, UNIT SIZE: 48"x43"x33" HIGH; OPERATING WT. 525 LBS.
EF-1	ROOF MOUNTED EXHAUST FAN LOREN COOK CO. TYPE ACE-B, MODEL NO. 135C2B; 1160 CFM @ 1/2" S.P., 1005 FAN RPM; 3759 RPM TIP SPEED, 1/6 HP, 120V, 1Ø, 60; FURNISH WITH: PRE-FAB SOUND CURB, BIRD SCREEN, DISCONNECT SWITCH; OPER. WT. 150 LBS.
EF-2	ROOF MOUNTED EXHAUST FAN LOREN COOK CO. TYPE ACE-B, MODEL NO. 100C2B; 450 CFM @ 3/8" S.P., 1285 FAN RPM; 3367 FPM TIP SPEED, 1/6 HP, 120V, 1Ø, 60; FURNISH WITH: PRE-FAB CURB, BIRD SCREEN, DISCONNECT SWITCH, THERMAL OVERLOAD PROTECTION, BACKDRAFT DAMPER, WIRE TO THERMOSTAT; OPER. WT. 100 LBS.
AC-10	4 TON. ROOF MOUNTED AIR CONDITIONING UNIT: SIDE DISCHARGE; CARRIER HEAT PUMP MODEL NO. 50QD005, EER 8.6; 46,500 BTU/HR COOLING @ 95°F AMB. & 67°FWB/80°FDB ENT. EVAP. AIR; 1600 CFM @ 0.80" ESP; HEATING CAPACITY: 46,000 BTU/HR INPUT @ 47°F AMB.; ELECTRICAL: 10.3 FLA @ 460 VOLTS, 3Ø, 60; VIBRATION ISOLATORS: VIBREX PF-EO; FILTERS: (2)16x25x2, FARR 30/30; REFRIGERANT: R-22, 6 LBS., 2 OZ; FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE, ALTERNATE MOTOR, MANUAL OUTDOOR AIR HOOD; UNIT SIZE: 74"x45"x33" HIGH; OPERATING WT. 600 LBS.
AC-1, AC-2, AC-9, AC-14	5 TON. ROOF MOUNTED AIR CONDITIONING UNIT: SIDE DISCHARGE; CARRIER HEAT PUMP MODEL NO. 50QD006, EER 8.6; 60,000 BTU/HR COOLING @ 95°F AMB. & 67°FWB/80°FDB ENT. EVAP. AIR; 2000 CFM @ 0.80" ESP; HEATING CAPACITY: 61,000 BTU/HR INPUT @ 47°F AMB.; ELECTRICAL: 13.4 FLA @ 460 VOLTS, 3Ø, 60; VIBRATION ISOLATORS: VIBREX PF-EO; FILTERS: (3)16x25x2, FARR 30/30; REFRIGERANT: R-22, 9 LBS., 5 OZ.; FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE, ALTERNATE MOTOR, ECONOMIZER HOOD W/BAROMETRIC RELIEF DAMPER; UNIT SIZE: 74"x45"x33" HIGH; OPERATING WT. 630 LBS.
AC-7, AC-8	7-1/2 TON. ROOF MOUNTED AIR CONDITIONING UNIT: SIDE DISCHARGE; CARRIER HEAT PUMP MODEL NO. 50QD008, EER 8.5 [?]; 87,000 BTU/HR COOLING @ 95°F AMB. & 67°FWB/80°FDB ENT. EVAP. AIR; 3,000 CFM @ 1.0" ESP; HEATING CAPACITY: 87,000 BTU/HR INPUT @ 47°F AMB.; ELECTRICAL: 21.9 FLA @ 460 VOLTS, 3Ø, 60; VIBRATION ISOLATORS: VIBREX PF-EO; FILTERS: (2)16x20x1/(2)20x20x1 FARR 30/30; REFRIGERANT: R-22, 7.6 LBS. EACH; FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE, ALTERNATE MOTOR, ZINC GUARD II; UNIT SIZE: 89"x70"x37" HIGH; OPERATING WT. 1200 LBS.
EF/3	ROOF MOUNTED EXHAUST FAN LOREN COOK CO. TYPE ACE-B, MODEL NO. 120C2B; 1200 CFM @ 3/8" S.P., 1365 FAN RPM; 4286 FPM TIP SPEED, 1/6 HP, 120 HP [?], 120V, 1Ø, 60; FURNISH WITH: PRE-FAB CURB, BIRD SCREEN, DISCONNECT SWITCH, THERMAL OVERLOAD PROTECTION, BACKDRAFT DAMPER; OPER. WT. 100 LBS.

APPROVAL OF HEATING-VENTILATING-AIR CONDITIONING-REFRIGERATION PLANS

REVISION

STATE OF CALIFORNIA TITLE 24 DESIGN AND COMPLIANCE REQUIREMENTS

FEB 2 1989

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7854

APPLIED MECHANICAL SYSTEMS, INC.
JOB NO. 2577

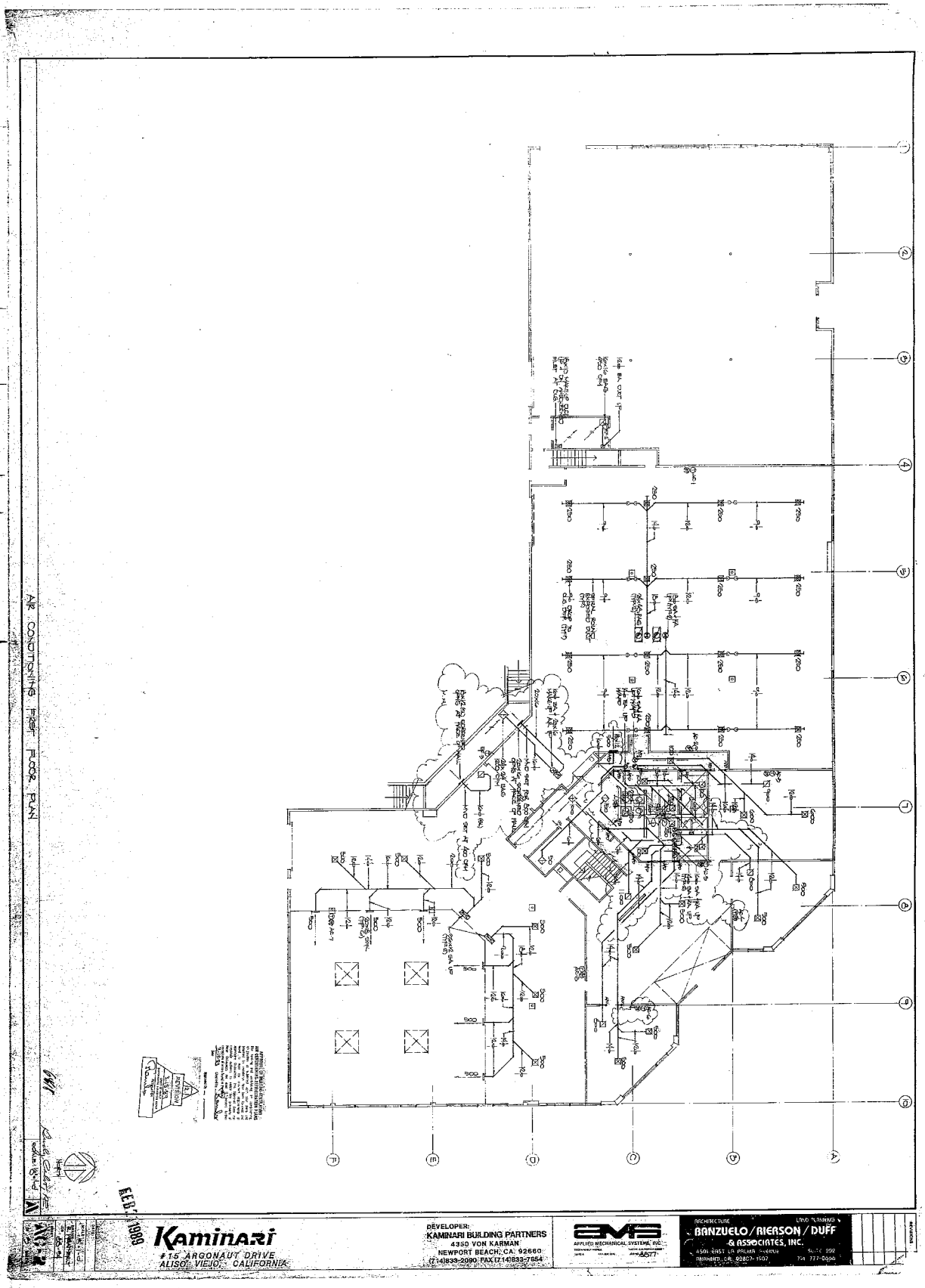
ARCHITECTURE — LAND PLANNING
BANZUELO / RIERSON / DUFF & ASSOCIATES, INC.
450 EAST LA PALMA AVENUE, SUITE 250
ANAHEIM, CA 92807-1907
714-777-0666

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE | SCALE: NOTED | DRAWN: N. MICHAL | JOB: 88-64

SHEET AC-1

6460



AIR CONDITIONING FIRST FLOOR PLAN

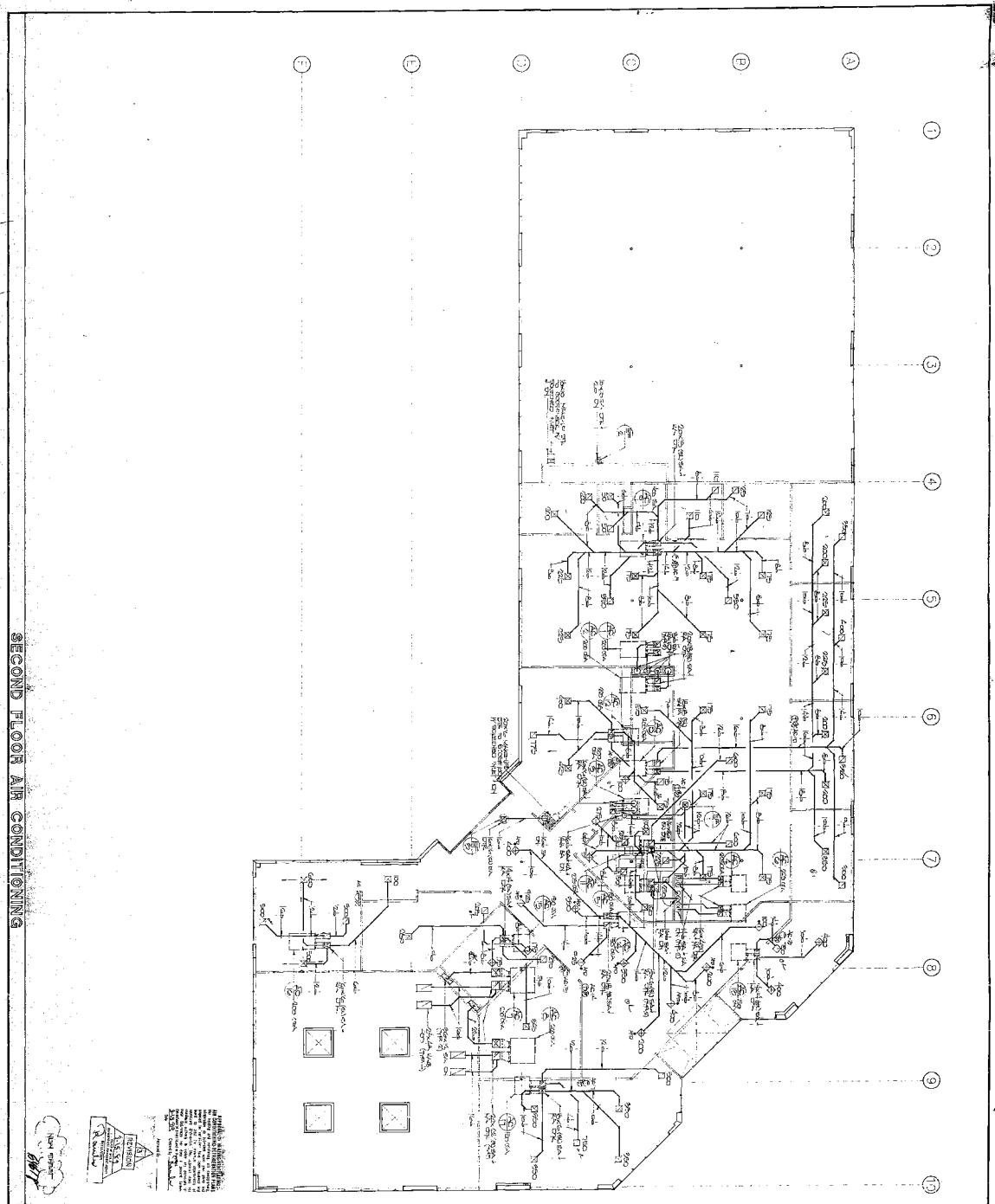
FEB, 1988

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7854

APPLIED MECHANICAL SYSTEMS, INC.

ARCHITECTURE LAND PLANNING
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.
4501 EAST LA PALMA AVENUE SUITE 202
ANAHEIM, CA. 92807-1507 714 777-0666



SECOND FLOOR AIR CONDITIONING

FEB 24 1989

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7854

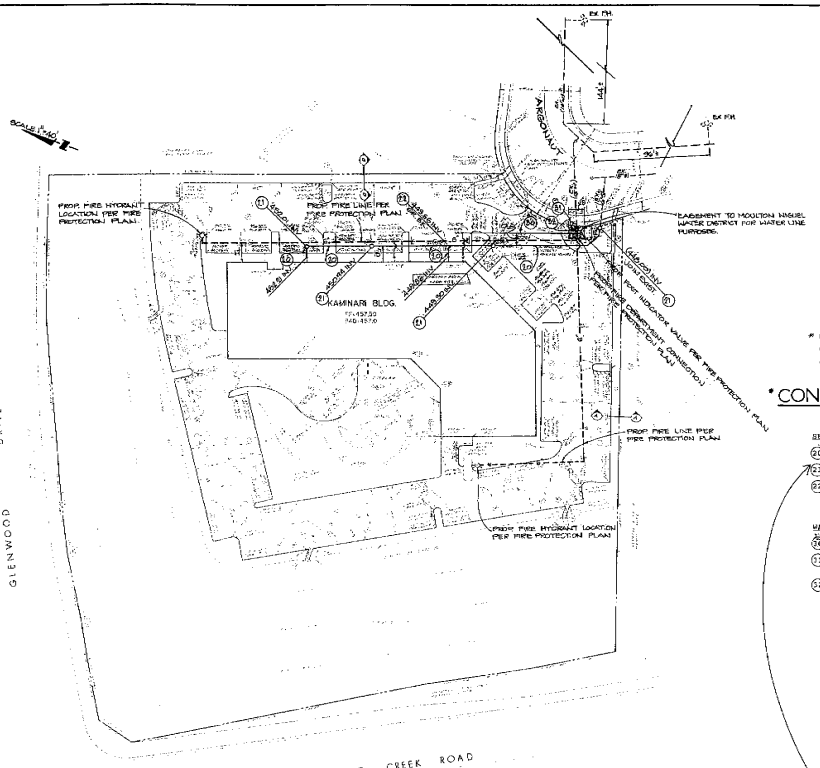
AMS
APPLIED MECHANICAL SYSTEMS, INC.

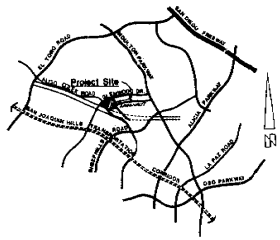
ARCHITECTURE / LAND PLANNING
BANZUELO / NIERSON / DUFF
& ASSOCIATES, INC.
4581 EAST LA PALMA AVENUE, SUITE 202
ANAHEIM, CA. 92807-1907 (714) 777-0999

M-1

STANDARD WATER NOTES

1. THE WATER SYSTEM SHALL CONFORM TO THE DISTRICT'S "STANDARD SPECIFICATIONS FOR DOMESTIC WATER SYSTEM" AS LAST REVISED. THE CONTRACTOR SHALL HAVE A COPY OF THESE PLANS AND THE STANDARD SPECIFICATIONS ON THE JOB AT ALL TIMES.
2. THE DISTRICT SHALL BE FURNISHED WITH THREE COPIES OF APPROVED CONSTRUCTION PLANS PRIOR TO STARTING CONSTRUCTION. A PRECONSTRUCTION MEETING SHALL BE HELD ON THE JOBSITE 24 HOURS PRIOR TO THE START OF WORK.
3. THE DISTRICT INSPECTOR SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION OR ANY INSPECTION. TO ARRANGE FOR INSPECTION, CALL (714) 831-1793.
4. WATER MAINS SHALL BE INSTALLED 6 FEET OFF THE CURB FACE, AND AFTER TO INSTALLATION OF CURB AND GUTTER AND PRIOR TO PAVING OF THE STREETS.
5. FIRE HYDRANTS AND BLOWOFFS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROPRIATE DETAILS HEREIN AND INSTALLED BEHIND CURBS AND SIDEWALKS WHERE THE SIDEWALKS ARE ADJACENT TO CURBS. FIRE HYDRANTS SHALL BE PER THE DISTRICT'S SPECIFICATIONS AND SHALL HAVE A CONCRETE PAD POURED AROUND THEM.
6. THE DEVELOPER SHALL FURNISH THE DISTRICT WITH EASEMENTS FOR ALL PORTIONS OF THE SYSTEM OUTSIDE THE PUBLIC RIGHT-OF-WAY. THESE EASEMENTS SHALL BE READY FOR RECORDATION PRIOR TO SIGNING THE IMPROVEMENT PLANS.
7. ALL FLANGED CONNECTIONS SHALL BE COATED WITH TWO COATS OF 10 MILS EACH OF H.C 244 AFTER INSTALLATION INCLUDING NUTS, BOLTS, FLANGES, AND LOCK NUTS AND BOLTS.
8. NO FACILITY TO BE BACKFILLED UNTIL INSPECTED BY THE DISTRICT.
9. SHUT DOWN OR TAPPING OF EXISTING WATER LINES TO FACILITATE CONNECTION TO EXISTING FACILITIES SHALL BE COORDINATED WITH THE DISTRICT. ANY RELOCATIONS OF EXISTING FACILITIES ARE SUBJECT TO APPROVAL OF THE DISTRICT ENGINEER.
10. THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE COUNTY OF ORANGE ENVIRONMENTAL MANAGEMENT AGENCY PRIOR TO START OF CONSTRUCTION.
11. WATER HOUSE CONNECTION LATERALS SHALL BE INSTALLED TO THE PROPERTY LINE PRIOR TO PAVING OF THE STREET. AT THE OPTION OF THE DEVELOPER, WATER SERVICES MAY BE TEMPORARILY TERMINATED BEHIND THE CURB AND PLUGGED. THE SERVICE SHALL BE EXTENDED TO THEIR FINAL LOCATION BY THE DEVELOPER AT A TIME PRIOR TO PRESSURE TESTING OF THE WATER SYSTEM.
12. ALL WATER SERVICES SHALL BE INSTALLED PER THE DISTRICT'S STANDARD SPECIFICATIONS. ALL METERS SHALL BE INSTALLED IN GRASS OR PLANTER AREAS AND ACCESSIBLE BY VEHICLE. ANY SERVICES LOCATED IN SIDEWALKS OR DRIVEWAYS ARE SUBJECT TO O.C.E.M.A. APPROVAL. ANY METERS LOCATED IN BANKS OF 4 OR MORE SHALL BE MANIFOLDED PER STANDARD DRAWING W-1A. ALL METER REGISTERS AND LIDS SHALL BE MARKED WITH ADDRESS IDENTIFICATION.
13. ALL LOTS SHALL BE PROVIDED WITH APPROVED PRESSURE REGULATORS SET AT 80 PSI AND SHALL BE INSTALLED ACCORDING TO O.C.E.M.A. STANDARDS.
14. WATER LOW-FLOW DEVICES SHALL BE PROVIDED FOR ALL UNITS WITHIN THIS DEVELOPMENT IN ACCORDANCE WITH RULES AND REGULATIONS OF THE DISTRICT.
15. THE PLANS NOTWITHSTANDING ALL VALVES SHALL BE LOCATED OFF THE TEE. AT INTERSECTIONS, THE MAIN LINE SHALL BE ROPED TO 8' CURB FACE TO AVOID CROSS GUTTER CONFLICT.
16. ALL WATER EASEMENT LINES SHALL BE DUCTILE IRON PIPE.
17. ALL MAIN LINE VALVES SHALL BE MAINTAINED SO AS TO BE ACCESSIBLE DURING TRACT DEVELOPMENT. ALL VALVE STEMS HAVING OVER 48 INCHES OF COVER WILL REQUIRE AN EXTENTION.
18. WATER MAINS SHALL HAVE A COVER OF AT LEAST 30 INCHES BETWEEN THE TOP OF PIPE AND ROAD SUBGRADE.





VICINITY MAP
NOT TO SCALE

* EDTE

QUANTITIES SHOWN ARE FOR PERMIT PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN ESTIMATE FOR BIDDING AND SHALL BID A COMPLETE JOB. CONTRACTOR SHALL ALSO ADVISE OWNER AND ENGINEER OF ANY APPARENT DISCREPANCIES IN ESTIMATES.

*CONSTRUCTION NOTES & ESTIMATED QUANTITIES

SEWER:		
(20)	CONSTRUCT 8" CIP SEWER	275 LF
(23)	CONSTRUCT SEWER CLEANOUT	4 EA
(22)	CONSTRUCT WYE CONNECTION PER MWWD STD. S-7	1 EA
WATER:		
(26)	CONSTRUCT 2" PVC	115 LF
(11)	CONSTRUCT 2" WATER SERVICE PER MWWD STD. W-3	1 EA
(12)	CONSTRUCT 8" STANDARD DETECTOR CHECK PER MWWD STD. W-15	1 EA

24,000# Sewer & ~~Water~~

Cost estimates for Sewer #2400.
Per John C. Delateur
Brehm Comm.

ONE SET
INTERIM PLUMBING MECHANICAL
MAR 1 3 1989
ORANGE COUNTY Development Services

Sewer collection C.O. systems only

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED BY THE CONTRACTOR. HE SHALL ANY NECESSARY ADJUSTMENT CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY UTILITY LINES SHOWN AND ANY OTHER LINES NOT ON RECORD OR NOT SHOWN ON THESE PLANS.

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF JOBSITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. AND CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

Construction contractor, agrees that in accordance with generally accepted construction practices, construction contractor will be solely and completely responsible for job site conditions during the course of construction of the project, including safety of all persons and property; that this requirement shall be made to apply continuously and not be limited to normal working hours, and construction contractor further agrees to defend, indemnify and hold design professional harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting liability arising from the sole negligence of design professional.

California Council of Civil Engineers & Land Surveyors

REVISION	DATE	BY

APPROVED:
ORANGE COUNTY FIRE PROTECTION
(FIRE HYDRANT LOCATION ONLY)
DATE

APPROVED:
MOULTON NIGUEL WATER DISTRICT
IMPROVEMENT DISTRICT NO. 6
DATE

PREPARED FOR:
KAMNAR BUILDING PARTNERSHIP
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714) 833-2090

REGISTERED PROFESSIONAL ENGINEER ERIC C. NIELSEN No. C 040695 Exp 9-31-91 CIVIL STATE OF CALIFORNIA

THE KEITH COMPANIES
1201 Dove Street, Suite 570, Newport Beach, CA 92660 (714) 752-7700

PREPARED UNDER THE SUPERVISION OF:
Eric C. Nielsen
ERIC C. NIELSEN R.C.E.40695
2-28-89
DATE

SEWER AND WATER PLAN
FOR
PARCEL 12, P.M. 85-158
PACIFIC PARK BUSINESS CENTER

A 85-001
SHEET 1 OF 1 SHEET

MAR -2'89

6/6/18

NEW PROJECT FOR:

KAMINARI CORP. HEADQUARTERS
#15 ARGONAUT
ALISO VIEJO, CA

OWNER:

KAMINARI BUILDING PARTNERS
4350 VON KARMAN, SUITE 140
NEWPORT BEACH, CA 92660

ARCHITECTURE — LAND PLANNING

BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.
4501 EAST LA PALMA AVE — SUITE 202
ANAHEIM, CA 92807-1907 — 714 / 777-0666

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JAN 10 1989

JAN 11 1989

JAN 10 1989

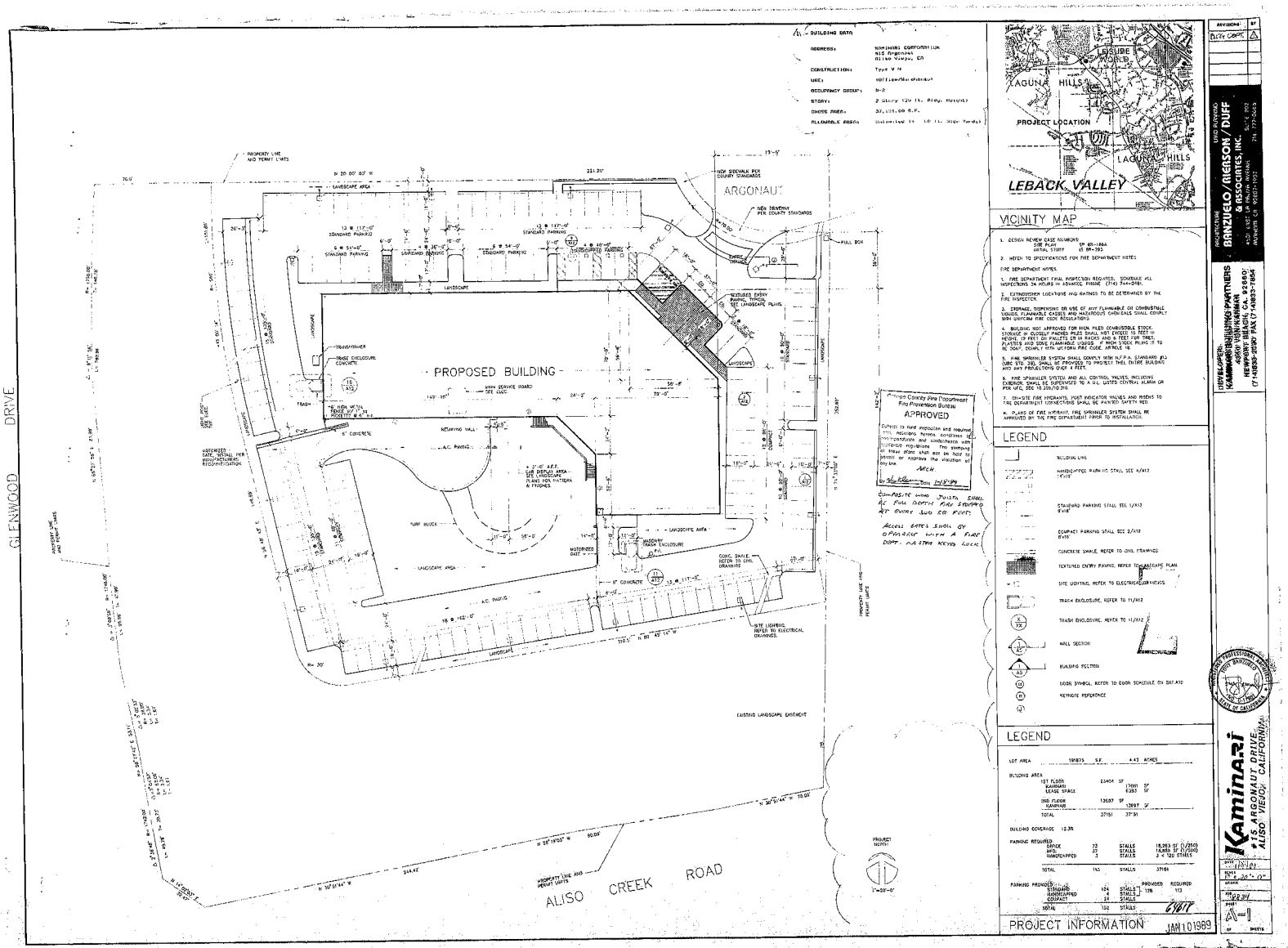
DEVELOPER:
KAMINARI BUILDING PARTNER
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714) 833-3000 FAX (714) 833-7956

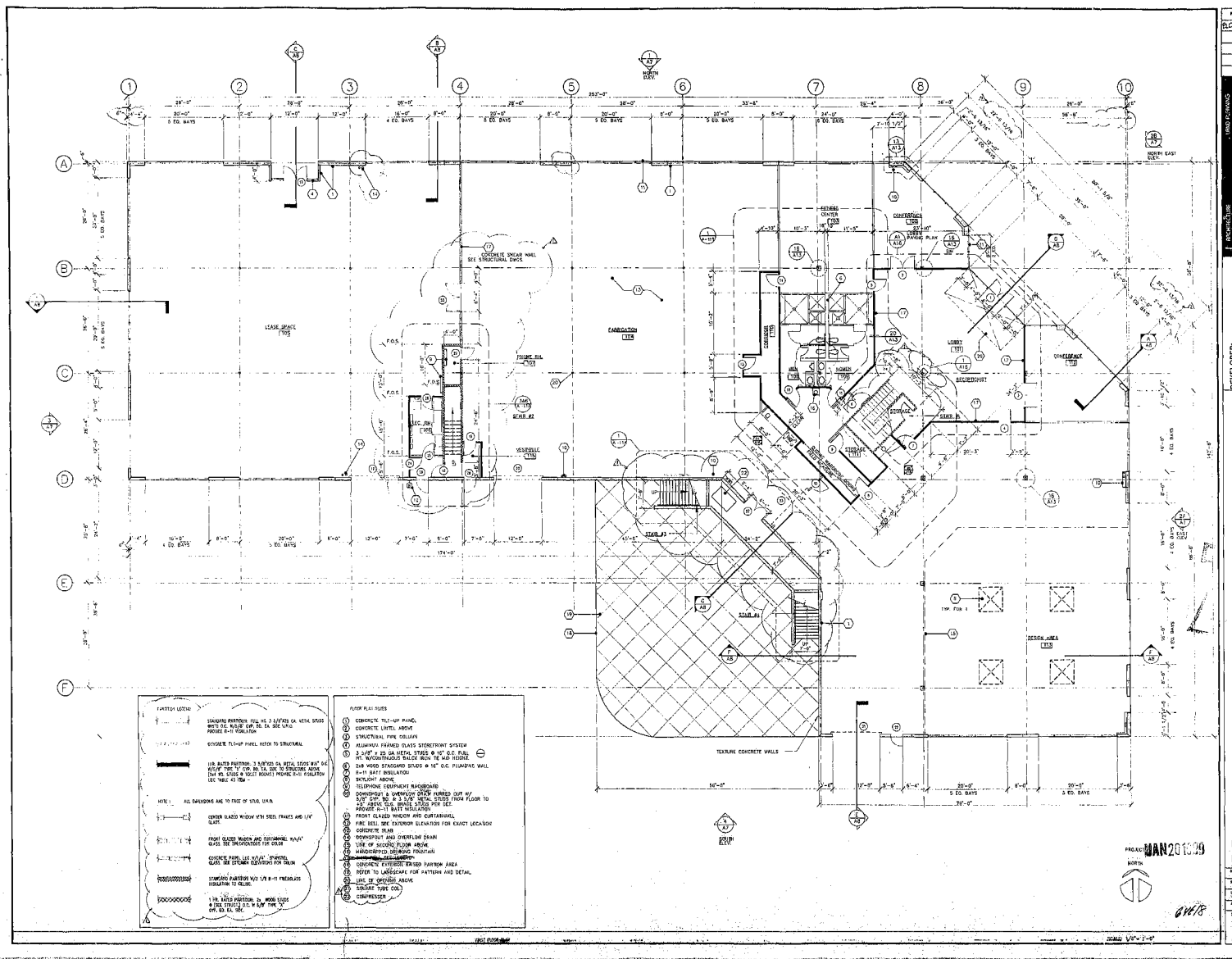
ARCHITECTURE
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.
4501 EAST LA PALMA AVENUE, SUITE 202
ANAHEIM, CALIFORNIA 92807-1907
(714) 777-0666 FAX (714) 777-0669

LAND PLANNING

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE 1-10-89
SCALE
DRAWN
JOB 8831
SHEET T-1
OF SHEETS


BUILDING DATA
ADDRESS: NORTHROP CORPORATION 415 Argonaut Aliso Viejo, CA
CONSTRUCTION: Type V N
USE: Office/Manufacturing
OCCUPANCY GROUP: B-2
STORY: 2 story (29'-11" Bldg. Height)
GROSS AREA: 37,151.00 S.F.
ALLOWABLE AREA: Unlimited in 1.0 FAR (Open Yards)
PROPERTY LINE AND PERMIT LIMITS
N 20° 00' 00" W
221.20'
LANDSCAPE AREA
NEW SIDEWALK PER COUNTY STANDARDS
ARGONAUT
NEW DRIVEWAY PER COUNTY STANDARDS
13 @ 17'-0" STANDARD PARKING
6 @ 34'-0" STANDARD PARKING
2 @ 36'-0" HANDICAPPED PARKING
FIRE HYDRANT
FULL BOX
LANDSCAPE
TEXTURED ENTRY PAVING, TYPICAL SEE LANDSCAPE PLANS
PROPOSED BUILDING
DISHWASHER
TRASH ENCLOSURE CONCRETE
TRASH
MAIN SERVICE BOARD SEE E4.0
NEW METAL FENCE 60" H. SEE DETAIL 8 ON A7.1
RETAINING WALL
6" CONCRETE
A.C. PAVING
6" CURB AT P.L. SEE DETAILS AND PLANS FOR PATTERN & FINISHES
TURF BLOCK
LANDSCAPE AREA
MASONRY TRASH ENCLOSURE SEE D/A7
MOTORIZED GATE
SWING SWALE, REFER TO CIVIL DRAWINGS
13 @ 17'-0"
SITE LIGHTING, REFER TO ELECTRICAL DRAWINGS.
EXISTING LANDSCAPE EASEMENT
PROPERTY LINE AND PERMIT LIMITS
N 89° 59' 44" W 10.00
N 89° 59' 00" W 90.00'
N 89° 59' 44" W 944.42'
ALISO CREEK ROAD
PROJECT NORTH
1"=30'-0"
GLENWOOD DRIVE
PROPERTY LINE AND PERMIT LIMITS
MOTORIZED GATE, INSTALL PER MANUFACTURERS RECOMMENDATION
Orange County Fire Department Fire Prevention Bureau
APPROVED
Approval is hereby granted and required conditions thereto, contained in construction and conformance with all fire codes. This stamping does not permit or approve the violation of any law.
ARCH.
Composite wood joists, cabinet at full depth and stapled at every 300 feet.
Access gates shall be provided with a flap door, master keyed locks.
PROJECT LOCATION
LAGUNA HILLS
ALISO VIEJO
LAGUNA HILLS
LEBACK VALLEY
VICINITY MAP
1. DESIGN REVIEW CASE NUMBERS
SITE PLAN SP 88-1864
INITIAL STUDY IS 88-780
2. REFER TO SPECIFICATIONS FOR FIRE DEPARTMENT NOTES
FIRE DEPARTMENT NOTES:
1. FIRE DEPARTMENT FINAL INSPECTION REQUIRED. SCHEDULE ALL INSPECTIONS 24 HOURS IN ADVANCE, PHONE (714) 744-0181.
3. EXTINGUISHER LOCATIONS AND RATINGS TO BE DETERMINED BY THE FIRE INSPECTOR
4. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE OR COMBUSTIBLE LIQUIDS, FLAMMABLE GASES AND HAZARDOUS CHEMICALS SHALL COMPLY WITH UNIFORM FIRE CODE REGULATIONS
5. BUILDING NOT APPROVED FOR HIGH PILED COMBUSTIBLE STOCK. STORAGE OF SOLID PILED AND SHELF COMBUSTIBLES EXCEED 12 FEET IN HEIGHT, OR STORAGE OF CLASS I, II OR III-A LIQUIDS AND 6 FEET FOR TIRES, PALLETS AND SOME FLAMMABLE LIQUIDS. IF HIGH STOCK PILING IS TO BE DONE, COMPLY WITH UNIFORM FIRE CODE, ARTICLE 16
6. FIRE SPRINKLER SYSTEM SHALL COMPLY WITH N.F.P.A. STANDARD #13 AND STD. 380, SHALL BE PROVIDED TO PROTECT THE ENTIRE BUILDING AND ANY PROJECTIONS OVER 4 FEET.
7. ON-SITE FIRE HYDRANTS, POST INDICATOR VALVES AND RISERS TO FIRE DEPARTMENT CONNECTIONS SHALL BE PAINTED SAFETY RED.
8. PLANS OF FIRE HYDRANT, FIRE SPRINKLER SYSTEM SHALL BE APPROVED BY THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
LEGEND
BUILDING LINE
HANDICAPPED PARKING STALL SEE 4/A13 8'x18'
STANDARD PARKING STALL SEE 1/A13 8'x18'
COMPACT PARKING STALL SEE 2/A13 8'x16'
CONCRETE SWALE, REFER TO CIVIL DRAWINGS
TEXTURED ENTRY PAVING, REFER TO LANDSCAPE PLAN
SITE LIGHTING, REFER TO ELECTRICAL DRAWINGS
TRASH ENCLOSURE, REFER TO 11/A12
TRASH ENCLOSURE, REFER TO 11/A12
WALL SECTION
BUILDING SECTION
DOOR SYMBOL, REFER TO DOOR SCHEDULE ON SHT.A10
KEYNOTE REFERENCE
LEGEND
LOT AREA 191875 S.F. 4.42 ACRES
BUILDING AREA
1ST FLOOR 23404 SF
WAREHOUSE 17691 SF
LEASE SPACE 5283 SF
2ND FLOOR 13697 SF 13697 SF
WAREHOUSE
TOTAL 37151 37151
BUILDING COVERAGE 12.3%
PARKING REQUIRED
OFFICE 73 STALLS 18,283 SF (1/250)
MFG. 37 STALLS 18,868 SF (1/500)
HANDICAPPED 3 STALLS 3 < 120 STALLS
TOTAL 113 STALLS 37151
PARKING PROVIDED PROVIDED REQUIRED
STANDARD 124 STALLS 128 113
HANDICAPPED 4 STALLS
COMPACT 24 STALLS
TOTAL 152 STALLS
PROJECT INFORMATION JAN 10 1989
DEVELOPER: KAMMARK BUILDING PARTNERS 4590 MACARTHUR BLVD. NEWPORT BEACH, CA. 92660 (714)833-2030 FAX (714)833-7854
PREPARED BY: BANZUELO/NIERSON/DUFF ARCHITECTURE, INC. 4301 EAST LA PALMA AVENUE, SUITE 202 ANAHEIM, CA 92807-1907 714 779-0469
REVISIONS: BY
PLAN CHECK
Kaminari #15 ARGONAUT DRIVE, ALISO VIEJO, CALIFORNIA
DATE 10-1-87
SCALE 1"=30'-0"
JOB NO. 87.21
SHEET A-1
OF SHEETS



ARCHITECTURE
BANZUELO/RIERSON / DUFF & ASSOCIATES, INC.

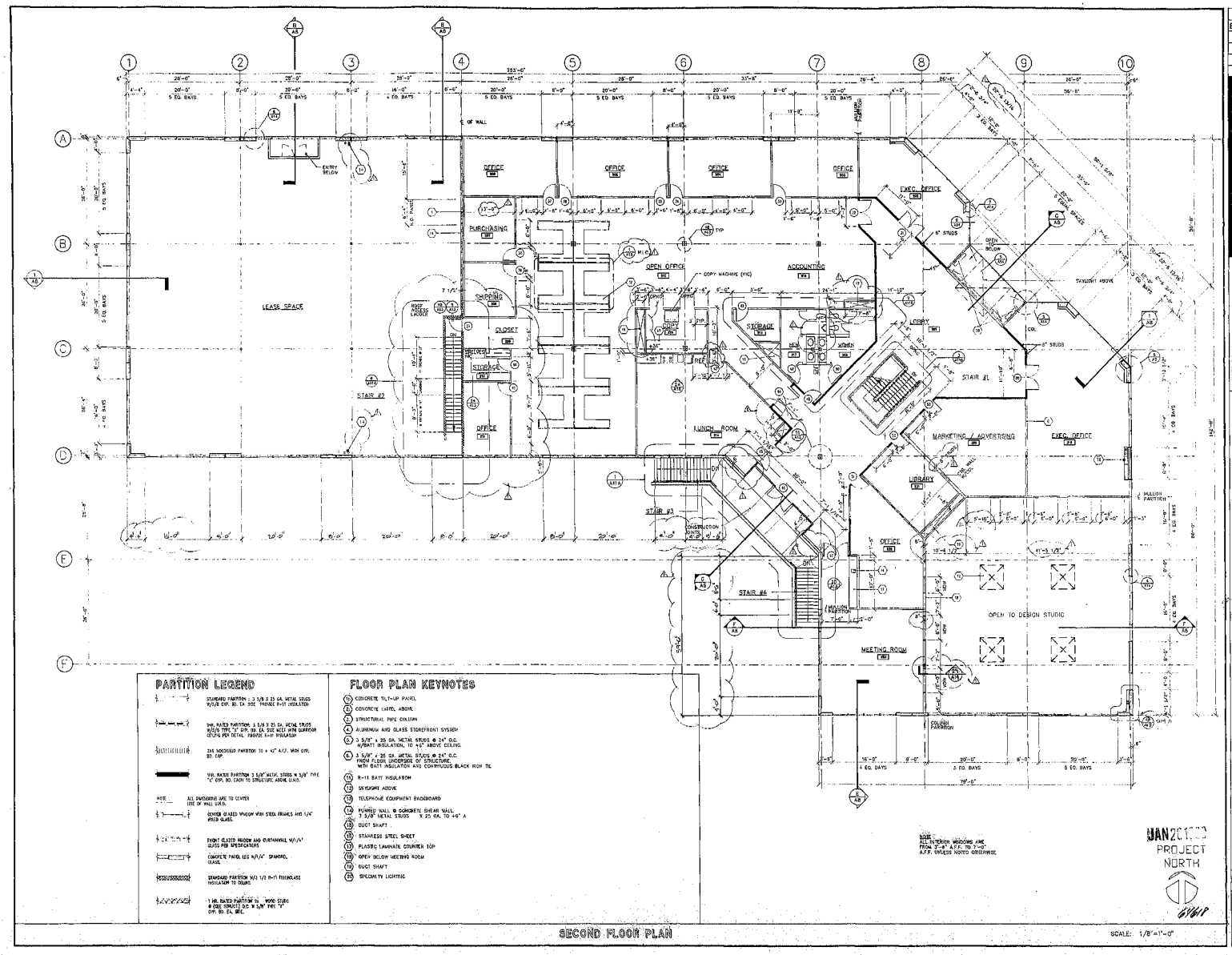
REVISIONS

REVISIONS	BY
PLCG. CORR.	

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2060 FAX (714)833-7654

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE 1/31/03
SCALE 1/16" = 1'-0"
JOB 9834
SHEET A-3
OF SHEETS



PARTITION LEGEND

- STANDARD PARTITION - 3 5/8 X 25 GA. METAL STUDS W/5/8 GYP. BD. EA. SIDE. PROVIDE R-11 INSULATION
- 1HR. RATED PARTITION. 3 5/8 X 25 GA. METAL STUDS W/5/8 TYPE 'C' GYP. BD. EA. SIDE W/1 HOUR CORRIDOR CEILING PER DETAIL. PROVIDE R-11 INSULATION
- 2HR. MASONRY PARTITION 10 + 42" A.F.F. MIN. GYP. BD. CAP.
- 1HR. RATED PARTITION 3 5/8" METAL STUDS W 5/8" TYPE 'C' GYP. BD. EACH TO STRUCTURE ABOVE U.N.O.

NOTE: ALL PARTITIONS ARE TO CENTER LINE OF WALL U.N.O.

- CENTER GLAZED WINDOW WITH STEEL FRAMES AND 1/4" WIRED GLASS.
- FRONT GLAZED WINDOW AND CURTAINWALL W/1/4" GLASS PER SPECIFICATIONS
- CONCRETE PANEL W/1/4" DIAMOND GLASS.
- STANDARD PARTITION W/3 1/2 R-11 FIBERGLASS INSULATION TO CEILING
- 1 HR. RATED PARTITION W/ WOOD STUDS @ (SEE DETAILS) EA. SIDE W 5/8" TYPE 'X' GYP. BD. EA. SIDE.

FLOOR PLAN KEYNOTES

1. CONCRETE TILT-UP PANEL
2. CONCRETE LINTEL ABOVE
3. STRUCTURAL PIPE COLUMN
4. ALUMINUM AND GLASS STOREFRONT SYSTEM
5. 3 5/8" x 25 GA. METAL STUDS @ 24" O.C. W/BATT INSULATION, TO +6" ABOVE CEILING.
6. 3 5/8" x 25 GA. METAL STUDS @ 24" O.C. FROM FLOOR UNDERSIDE OF STRUCTURE. WITH BATT INSULATION AND CONTINUOUS BLACK IRON TIE
7. R-11 BATT INSULATION
8. SKYLIGHT ABOVE
9. TELEPHONE EQUIPMENT BACKBOARD
10. POURED WALL @ CONCRETE SHEAR WALL. 3 5/8" METAL STUDS W 25 GA. TO +6" A
11. DUCT SHAFT
12. STAINLESS STEEL SHEET
13. PLASTIC LAMINATE COUNTER TOP
14. OPEN BELOW MEETING ROOM
15. DUCT SHAFT
16. SPECIALTY LIGHTING

NOTE: ALL INTERIOR WINDOWS ARE FROM 3'-6" A.F.F. TO 7'-0" A.F.F. UNLESS NOTED OTHERWISE.

JAN 2011

PROJECT NORTH

SECOND FLOOR PLAN

SCALE: 1/8"=1'-0"

REVISIONS	BY
BLDG. DEPT.	

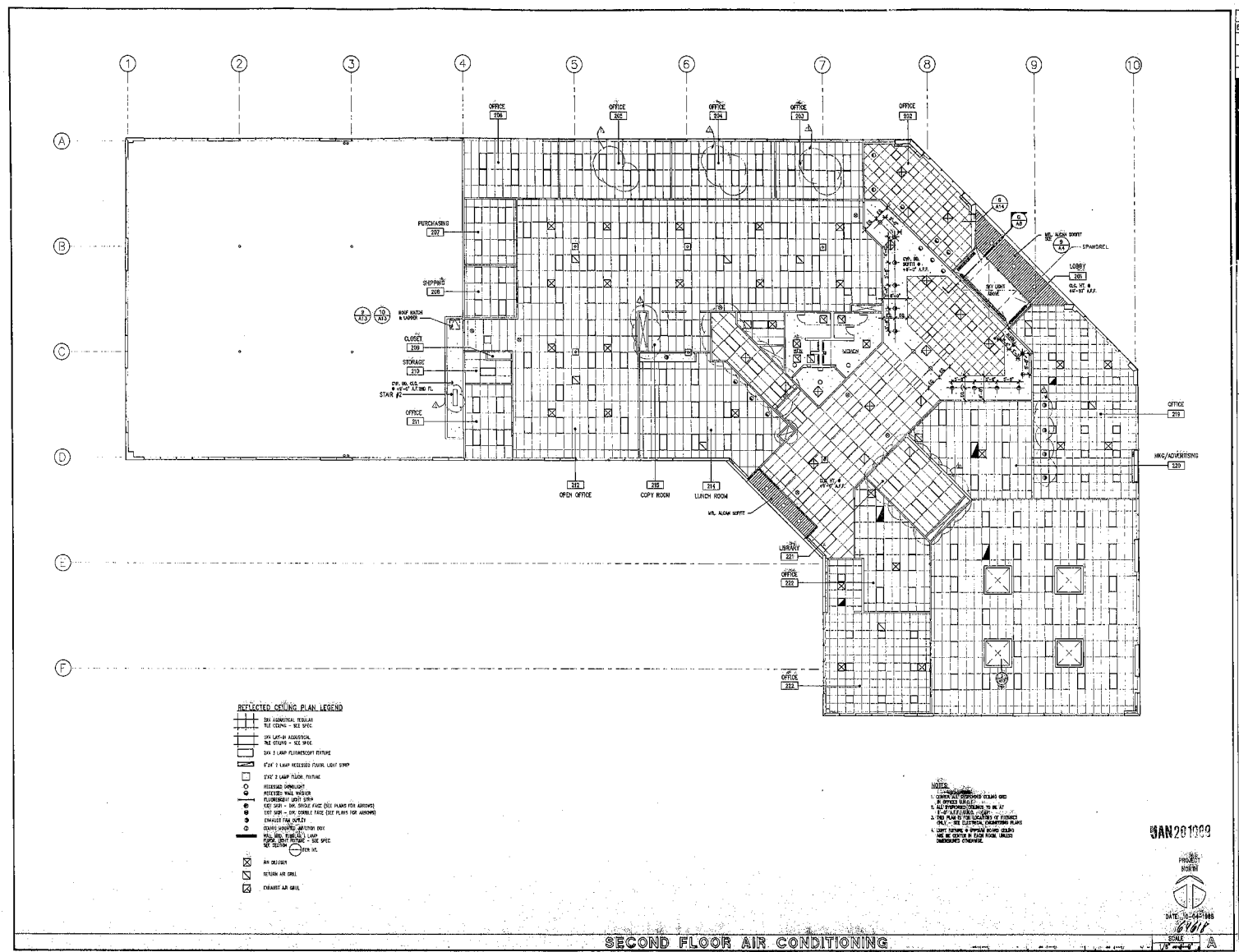
ARCHITECTURE
BANZUELO / ANDERSON / DUFF & ASSOCIATES, INC.
1301 DOVE STREET, SUITE 1050, NEWPORT BEACH, CA. 92660
(714) 833-2060 FAX (714) 833-7854

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4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2060 FAX (714)833-7854

Kaminari
115 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE: 1/11/11
SCALE: 1/8" = 1'-0"
DRAWN:
JOB: 0834
SHEET: A-1.0
BY:

REFLECTED CEILING PLAN LEGEND
FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"
JAN 20 1999
CITY OF ALISO VIEJO
PLANNING DEPARTMENT
DATE: 8-03-1998
A-5
Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA
DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714)833-2090 FAX (714)833-7854
ARCHITECTURE LAND PLANNING
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.
NEWPORT BEACH, CA 92657-1027
DATE - MARK
REVISIONS
BY



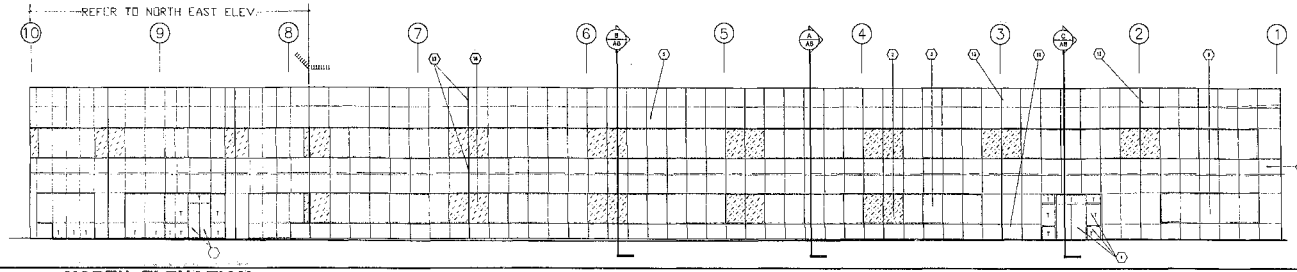
REVISIONS | BY
Bldg Dept.

DRAWING BY: ORANZUELO / NIELSON / DUFF AND ASSOCIATES
ARCHITECTURE & PLANNING
4545 E. 5th Street, Suite 200, Tucson, AZ 85711 (520) 881-7480
3340 Peachtree Road, Suite 1150, Atlanta, GA 30326 (404) 237-1997

DEVELOPER:
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4350 VON KARMAN AVENUE, SUITE 100
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(714) 833-2000 FAX (714) 833-2020

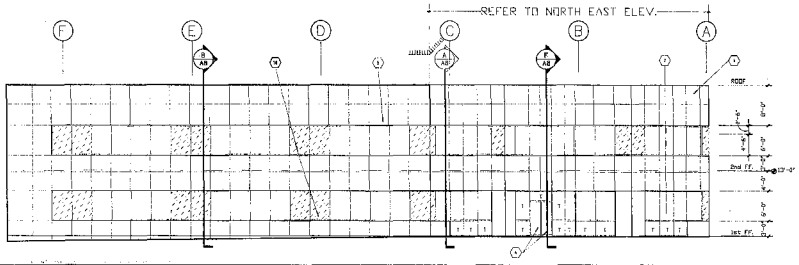
Kaminari
45 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE 1/13/99
SCALE 1/8" = 1'-0"
DRAWN
JOB 9834
SHEET A6
OF SHEETS

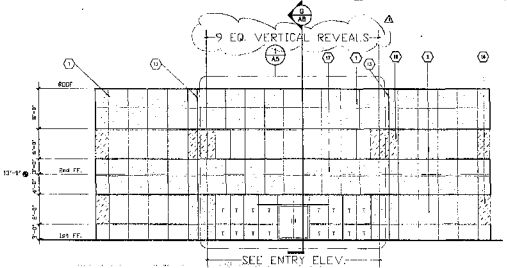


NORTH ELEVATION

SCALE 1/8" = 1'-0" 1

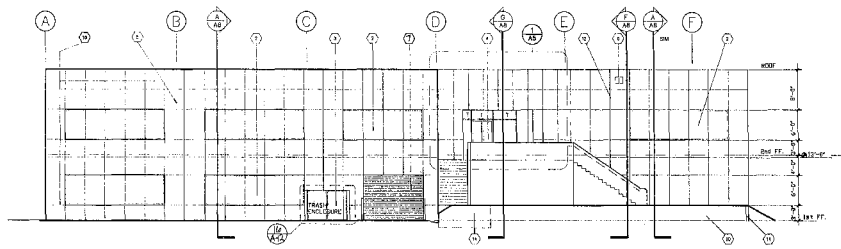


EAST ELEVATION

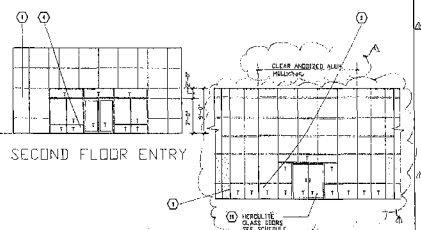


NORTH EAST ELEVATION

SCALE 1/8" = 1'-0" 2



WEST ELEVATION

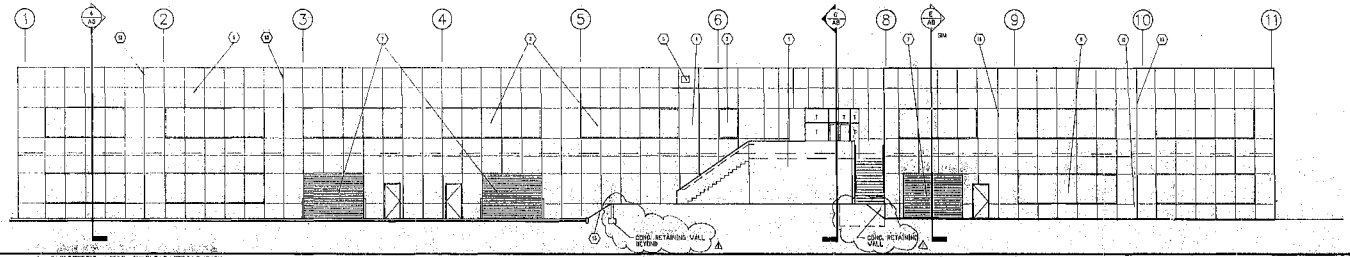


ENTRY ELEVATION

SCALE 1/8" = 1'-0" 3

ELEVATION NOTES

1. HEAVY SANDBLASTED CONCRETE WITH CLEAR SEALER
2. BUTT JOINT GLASS IN ALUMINUM FRAME
3. ~~RED~~ ADHESIVE STRIP, 2-1/2" WIDE ~~SUPPLIED BY OWNER~~
4. ALUMINUM FRAMED GLASS STOREFRONT SYSTEM
5. ROOF LINE
6. SURFACE MOUNTED EXTERIOR LIGHTING TOP OF FIXTURE AT 28'-0" ABOVE FINISHED FLOOR
7. ROLL UP DOOR PAINTED
8. TRASH ENCLOSURE
9. ALUMINUM FRAMED GLASS WINDOW COLOR PER SCHEDULE
10. CONCRETE REVEAL SEE DETAIL
11. METAL RAILING
12. × TEMP GLASS
13. HERCULITE GLASS DOOR (SEE SCHEDULE)
14. PANEL JOINT
15. ~~RETAINING~~ WALL SEE SITE PLAN
16. LINE OF LANDSCAPING, REFER TO CIVIL DRAWINGS & LANDSCAPE DRAWINGS
17. VISION GLASS @ PANEL LEGS
18. SPANDREL PANEL
19. HANDRAIL BEYOND
20. STAIR BEYOND
21. EARTH BERM



SOUTH ELEVATION

SCALE 1/8" = 1'-0" 4

JAN 20 1993

6 Unit

REVISIONS	BY
PLAN. COMM.	

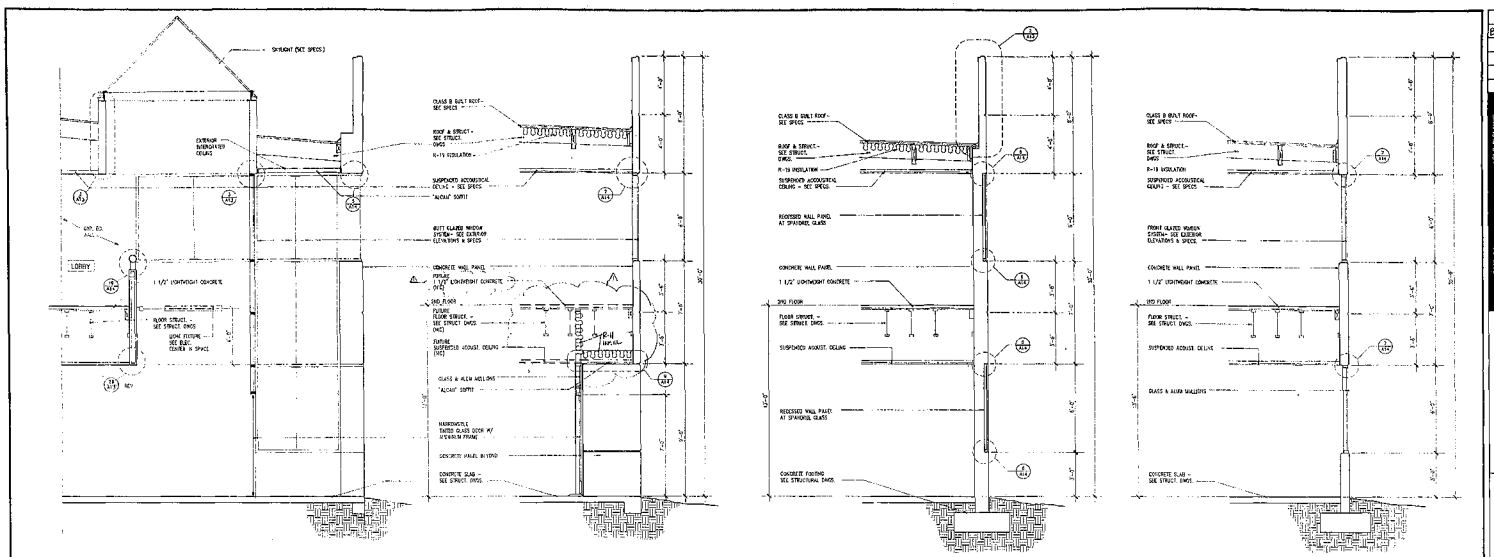
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4380 VON KARMAN
NEWPORT BEACH, CA. 92660
(714) 852-2500 FAX (714) 852-2555

Kaminari

415 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE 1-4-93
SCALE 1/8"=1'-0"
DRAWN
JOB 9234
SHEET A-7
OF SHEETS

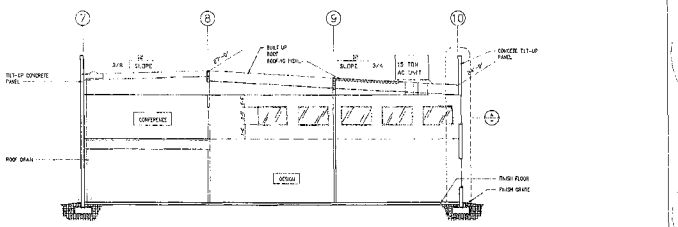


SECTION AT ENTRY DOORS — SCALE 3/8" = 1'-0" — D

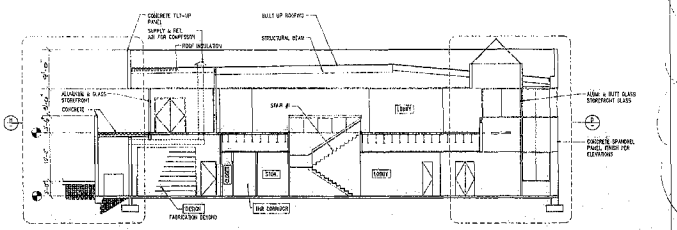
SECTION AT ENTRY DOORS — SCALE 3/8" = 1'-0" — C

SECTION AT PANEL LEGS — SCALE 3/8" = 1'-0" — B

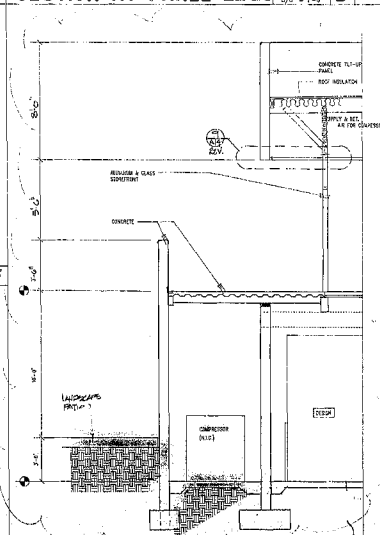
SECTION AT WINDOWS — SCALE 3/8" = 1'-0" — A



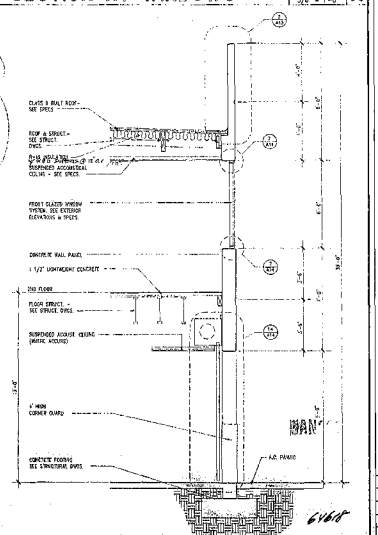
BUILDING SECTION — SCALE 1/8"=1'-0" — F



BUILDING SECTION — SCALE — G



SECTION @ BACK ENTRY — SCALE — H



SECTION AT ROLL UP DOOR — SCALE — E

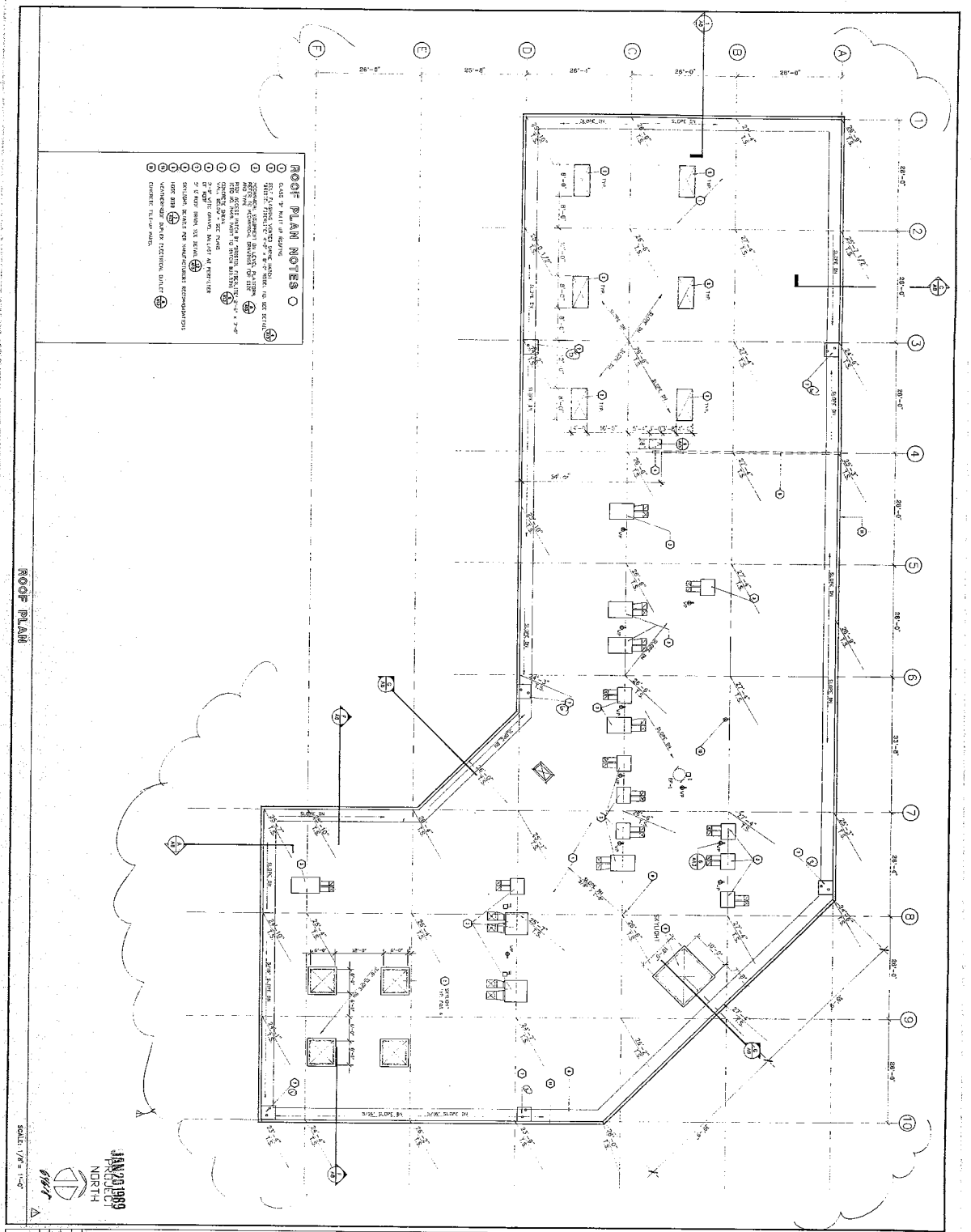
REVISIONS	BY
BLDG. DEPT.	△

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ANZUELO/MERSON/DUFF & ASSOCIATES, INC.
4100 FIRST AVENUE, SUITE 210
SAN DIEGO, CA 92103-1107
(619) 291-3400 FAX (619) 291-3434
KENO PUBLIANO

DEVELOPER:
KAMINARI BUILDING PARTNER
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714)833-2000 FAX (714)833-2784

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE 1/6/99
SCALE AS SHOWN
DRAWN
JOB NO. 9830
SHEET A-8
OF SHEETS


ROOF PLAN NOTES
ROOF PLAN
SCALE: 1/8" = 1'-0"
JANUARY 20, 1989
PROJECT NORTH
Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO CALIFORNIA
DEVELOPER:
KAMINARI-BUILDING PARTNER
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7854
ARCHITECTURE
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.
4570 EAST LA PALMA AVENUE
ANAHEIM, CA. 92807-1907
714 777-0660

DOOR SCHEDULE

NO	OPENING SIZE W x H	THK	DOOR TYPE	MATERIAL FACE	MATERIAL CORE	FINISH	SELF CLSG	FRAME MAT	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SHIMMED	FIRE LABEL	SMK SEAL	REMARKS
BUILDING ONE															
1	6'-0 X 7'-0	—	G	GLASS	—	TINTED	YES	ALUM	ANOD				—		FULLY TEMPERED GLASS
2	6'-0 X 7'-0	1¾	J	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		WHITE OAK
3	6'-0 X 7'-0	1¾	J	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		WHITE OAK
4	3'-0 X 7'-0	1¾	J	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
5	3'-0 X 7'-0	1¾	J	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
6	3'-0 X 7'-0	1¾	J	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
7	3'-0 X 7'-0	1¾	J	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
8	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
9	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	NO	METAL	FAC. FIN	A-16	A-16	A-17	—		
10	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	—		
11	3'-0 X 7'-0	1¾	C	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
12	3'-0 X 7'-0	1¾	C	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
13	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
14	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
15	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
16	3'-0 X 7'-0	1¾	D	METAL	H M	PAINT	YES	METAL	PAINT	A-16	A-16	A-18	20 MIN		
17	6'-0 X 7'-0	—	F	GLASS	—	TINTED	YES	ALUM	ANOD	A-14	A-14	A-18	—		FULLY TEMPERED GLASS
18	12'-0 X 9'-0	1¾	E	METAL	H M	PAINT	—	—	PAINT	A-14	A-14	A-14	20 MIN		OVERHEAD ROLL-UP W/DOOR
19	12'-0 X 9'-0	1¾	E	METAL	H M	PAINT	—	—	PAINT	A-14	A-14	A-14	20 MIN		OVERHEAD ROLL-UP W/DOOR
20	12'-0 X 9'-0	1¾	E	METAL	H M	PAINT	—	—	PAINT	A-14	A-14	A-14	20 MIN		OVERHEAD ROLL-UP W/DOOR
21	12'-0 X 9'-0	1¾	E	METAL	H M	PAINT	—	—	PAINT	A-14	A-14	A-14	20 MIN		OVERHEAD ROLL-UP W/DOOR
22	3'-0 X 7'-0	1¾	E	METAL	H M	PAINT	YES	METAL	PAINT	A-14	A-14	A-14	—		
23	12'-0 X 9'-0	1¾	E	METAL	H M	PAINT	YES	METAL	PAINT	A-14	A-14	A-14	—		OVERHEAD ROLL-UP W/DOOR
24	3'-0 X 7'-0	1¾	D	METAL	H M	PAINT	YES	METAL	PAINT	A-16	A-16	A-18	20 MIN		
25	3'-0 X 7'-0	1¾	B	METAL	H M	PAINT	YES	METAL	FAC. FIN	A-16	A-16	A-18	20 MIN		
26	3'-0 X 7'-0	1¾	B	METAL	H M	PAINT	YES	METAL	FAC. FIN	A-16	A-16	A-18	—		
27	3'-0 X 7'-0	1¾	B	METAL	H M	PAINT	YES	METAL	FAC. FIN	A-16	A-16	A-18	20 MIN		
28	3'-0 X 7'-0	1¾	D	METAL	H M	PAINT	YES	METAL	PAINT	A-11	A-11	A-18	—		
29	3'-0 X 7'-0	1¾	D	METAL	H M	PAINT	YES	METAL	PAINT	A-11	A-11	A-18	—		
30	6'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	20 MIN		
31	6'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	20 MIN		
32	6'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	20 MIN		
33	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	—		
34	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	—		
35	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	—		
36	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	—		
37	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	—		
38	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	—		
39	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	—		
40	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	—		
41	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	—		
42	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	—		
43	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	—		
44	6'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	20 MIN		
45	6'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	20 MIN		
46	6'-0 X 7'-0	1¾	F	GLASS	—	TINTED	YES	ALUM	FAC. FIN	A-14	A-14	A-18	—		FULLY TEMPERED GLASS
47	6'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-18	20 MIN		
48	3'-0 X 7'-0	1¾	D	MASONITE	SOLID	WAREHSE	YES	METAL	PAINT	A-11	A-11	A-18	20 MIN		
49	3'-0 X 7'-0	1¾	C	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	—		
50	3'-0 X 7'-0	1¾	C	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	—		
51	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
52	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
53	3'-0 X 7'-0	1¾	B	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	20 MIN		
54	3'-0 X 7'-0	1¾	B	MASONITE	H M	PAINT	YES	METAL	FAC. FIN	A-11	A-11	A-17	20 MIN		
55	6'-0 X 7'-0	1¾	H	METAL	H M	PAINT	YES	METAL	PAINT	A-11	A-11	A-14	—		
56	3'-0 X 7'-0	1¾	J	MASONITE	SOLID	WAREHSE	YES	METAL	FAC. FIN	A-16	A-16	A-17	—		
57	6'-0 X 7'-0	1¾	H	METAL	H M	PAINT	YES	METAL	PAINT	A-11	A-11	A-14	—		

INTERIOR FINISH SCHEDULE

NO.	ROOM/SPACE NAME	FLOOR MAT	FLOOR FIN	BASE MAT	BASE FIN	WALLS NORTH MAT	WALLS NORTH FIN	WALLS EAST MAT	WALLS EAST FIN	WALLS SOUTH MAT	WALLS SOUTH FIN	WALLS WEST MAT	WALLS WEST FIN	COL. MAT	COL. FIN	CEILING MAT	CEILING FIN	CEILING HGT	REMARKS
BUILDING ONE																			
101	LOBBY	3	—	—	—	9	9	9	B	9	B	7	B	—	—	13	F		
102	CONFERENCE	3	—	5	F	7	B	7	B	9	B	9	B	—	—	13	F	9'	
103	FITNESS CENTER	3	—	5	F	9	B	X	B	10	B	X	B	9	E	13	F		
104	FABRICATION	1	—	5	F	7	B	X	B	H	B	X	B	—	D	13	F		
105	EXEC SPACE	4	—	5	F	7	B	7	B	7	B	9	B	—	D	15	G		
106	ELEC RM.	4	—	5	F	9	B	9	B	9	B	9	B	—	—	9	B		
107	PHONE RM.	4	—	—	—	9	B	9	B	9	B	9	B	—	—	9	B		
108	MENS	4	—	5	F	10	B	10	B	10	B	10	B	—	—	9	H		
109	WOMEN	4	—	5	F	10	B	10	B	10	B	10	B	—	—	9	H		
110	CORRIDOR	3	—	5	F	9	B	9	B	9	B	9	B	—	—	13	H		
111	STORAGE	4	—	5	F	9	B	9	B	7	B	9	B	—	—	13	F		
112	CONFERENCE	4	—	5	F	7	B	7	B	9	B	7	B	—	—	13	F		
113	DESIGN AREA	1	—	5	F	9	B	7	B	7	B	9/H	B	—	—	15	G		
114	STORAGE	1	—	5	F	9	B	9	B	9	B	9	B	—	—	9	B		
115	VESTIBULE	1	—	5	F	9	B	9	B	9	B	9	B	—	—	9	B		
	STAIR #1			5	F	9	B	9	B	9	B	9	B	—	—	14	H		
	STAIR #2			5	F	9	B	9	B	9	B	9	B	—	—	14	H		
	STAIR #3			5	F	9	A	9	A	9	A	9	A	—	—	14	H		
	STAIR #4			5	F	9	A	9	A	9	A	9	A	—	—	14	H		
201	LOBBY	3	—	5	F	7	B	7	B	7	B	7	B	—	—	13	F		ONE HOUR
202	EXEC. OFFICE	3																	
203	OFFICE	3																	
204	OFFICE	3																	
205	OFFICE	3																	
206	OFFICE	3																	
207	PURCHASING	3																	
208	SHIPPING	3																	
209	CLOSET	3																	
210	STORAGE	4																	
211	OFFICE	3																	
212	OPEN OFFICE	3																	
213	STORAGE	3																	
214	LUNCH RM.	3																	
215	COPY RM.	3																	
216	ACCOUNTING	3																	
217	VPMS	4		5	F	10	B	10	B	10	B	10	B	—	—	9	H		
218	MDWER	4		5	F	10	B	10	B	10	B	10	B	—	—	9	H		
219	EXEC. OFFICE	3																	
220	MARKETING	3																	
221	LIBRARY	3																	
222	OFFICE	3																	
223	MEETING RM.	1																	

FINISH NOTES

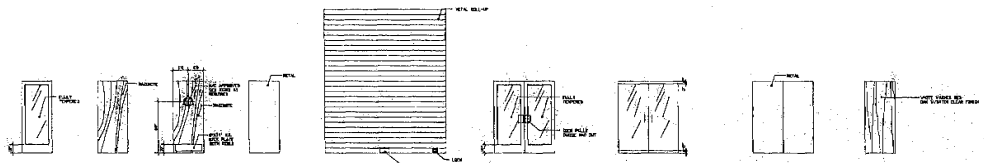
MATERIALS

1. CONCRETE SLAB W/SEALER
2. PLYWOOD FLOOR VS MIN 2 1/2" LIGHTWEIGHT CONCRETE OVER 15# FELT
3. CARPET & PAD
4. SHEET VINYL
5. 4" HIGH RUBBER TOPSET BASE
6. 6" HIGH SELF COVED SHEET VINYL
7. 5/8" GYPSUM BOARD
8. 1/2" WATER RESISTANT GYPSUM BOARD
9. 5/8" TYPE "X" GYPSUM BOARD
10. 5/8" TYPE "X" WATER RESISTANT GYMPSUM BOARD PAINT "H"
11. CONCRETE PANEL (PAINTED)
12. ALUMINUM STOREFRONT SYSTEM. SEE EXTERIOR ELEVATIONS FOR TYPE
13. ACOUSTIC LAY-IN CEILING TILE SYSTEM. SEE REFLECTED CEILING PLAN FOR TYPE
14. 2 X 6 CEILING JOISTS @ 16" O.C. W/ 5/8" TYPE "X" GYPSUM BOARD. SEE STAIR PLANS
15. EXPOSED STRUCTURE

FINISHES

A. CLEAR SEALER
B. PAINT
C. RESILIENT PAINT
D. EPOXY PAINT
E. JAMI BRONZE ANODIZE
F. FACTORY FINISH
G. UNFINISHED
H. SMTH COAT PLASTER & PAINT

DOOR TYPES



JAN 20 1989

6618

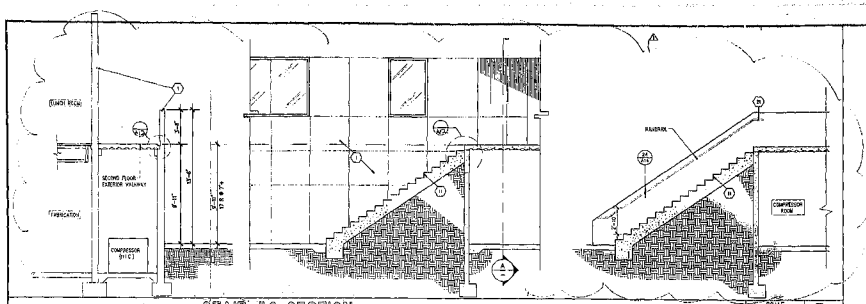
REVISIONS	BY
BLDG DEPT.	

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BANZUELO/NERSON/DUFF & ASSOCIATES, INC.
4350 VON KARMAN, SUITE 220, NEWPORT BEACH, CA 92660
(714) 833-2040 FAX (714) 833-7864

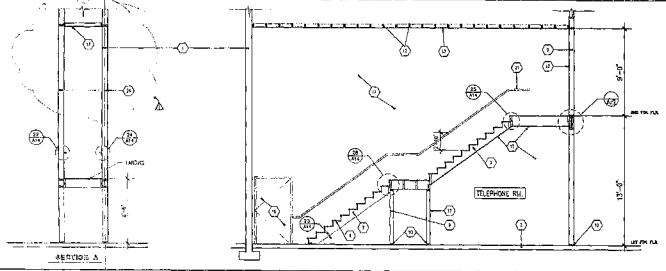
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Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

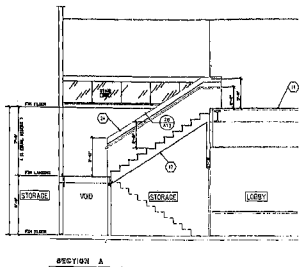
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SCALE NONE
DRAWN
JOB 8834
SHEET A10
OF SHEETS



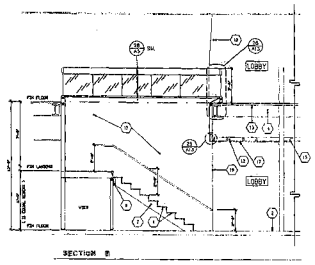
STAIR #3 SECTION — SCALE 1/4" = 1'-0" — 5



STAIR #2 SECTIONS — SCALE 1/4" = 1'-0" — 4



SECTION A



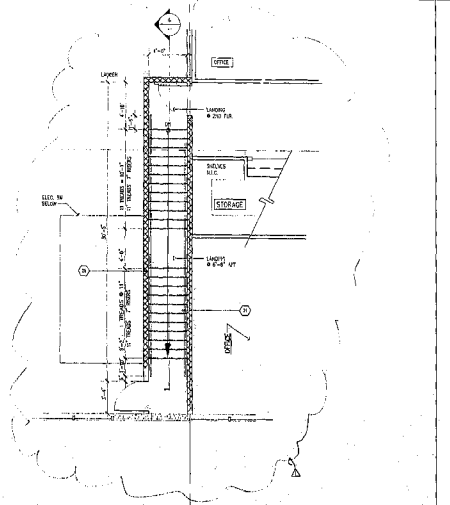
SECTION B

STAIR #1 SECTIONS — SCALE 1/4" = 1'-0" — 2

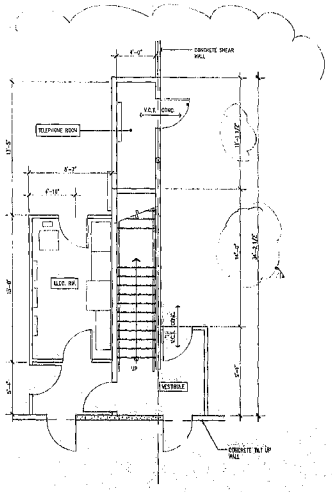
KEY NOTES

STAIR SECTIONS

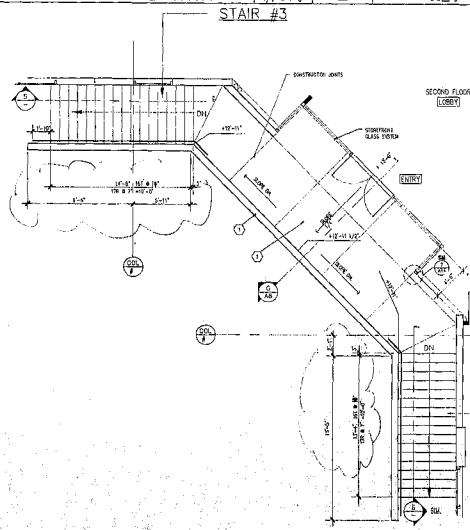
1. CONCRETE TILT-UP WALL
2. CONCRETE FLOOR
3. 2 X 4 D.F. LEADER WITH 3/8" Ø KWIK-BOLTS AT 2'-0" O.C. MINIMUM OF 3 1/2" EMBED.
4. 3/4" PLYWOOD
5. 4 X 10 D.F. HEADER
6. SIMPSON JOIST HANGER
7. 2 X 14 STRINGERS AT 16" O.C.
8. 2 X 4 P.T. AT EACH STRINGER WITH 4 3/32 SHOT PINS EACH SIDE.
9. 2 X 4 STUDS AT 16" O.C.
10. 2 X 4 PT PLATE WITH 3/16" SHOT PINS AT 32" O.C.
11. CONCRETE STAIR
12. 2 X 4 D.F. CEILING JOISTS AT 16" O.C.
13. STRUCTURAL FLOOR FRAMING SEE STRUCTURAL DRAWINGS.
14. LINE FINISH FLOOR-LIGHT WEIGHT CONCRETE
15. LINE OF FINISH SUSPENDED CEILING SYSTEM
16. DOOR AND DOOR FRAME.
17. 5/8" TYPE 'X' GYPSUM WALL BOARD.
18. GYPSUM WALL BOARD
19. WALL LINE BEYOND.
20. 1 1/4" Ø STEEL HANDRAIL 9'-30" ABOVE NOSING, PAINTED
21. LINE OF STAIR BEYOND
22. LINE OF WALL AND FUTURE CAP FORWARD OF SECTION
23. FINISH WOOD CAP
24. VD. STUD WALL FROM FLOOR TO UNDERSIDE OF STUCTURE
25. 2 X 6 STUDS AT 16" O.C.



STAIR #2 2ND FLOOR — SCALE 6



STAIR #2 1ST FLOOR — SCALE 3



STAIR #2 FIRST FLOOR — SCALE 1

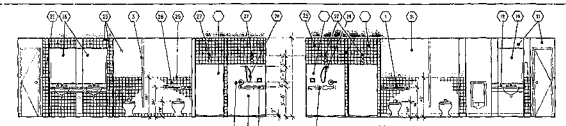
REVISIONS | BY
PLAN CHK'T.

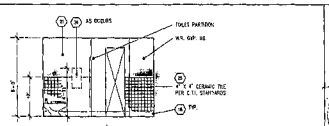
DESIGNED AND DETAILED BY
BARNUELO/BIERSON/DUFF & ASSOCIATES, INC.
4350 VON KARMAN AVENUE, SUITE 100, NEWPORT BEACH, CA 92660 (714) 752-8722

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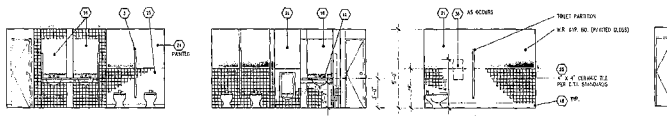
Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

JOB NO. 8884
DATE 1-5-89
SCALE 1/4"=1'-0"
DRAWN
JOB NO. 8884
SHEET A-11A

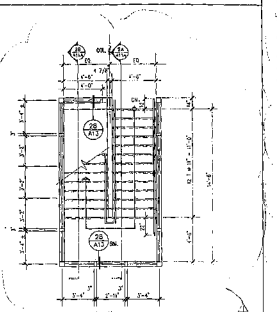




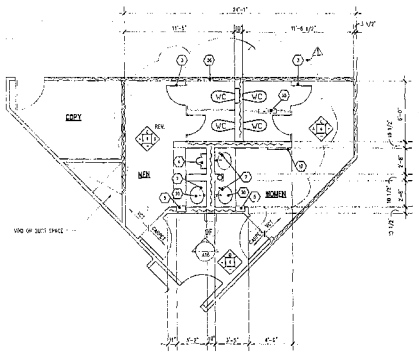
FIRST FLOOR RESTROOM INTERIOR ELEVATIONS — SCALE 1/4"=1'-0" — 5



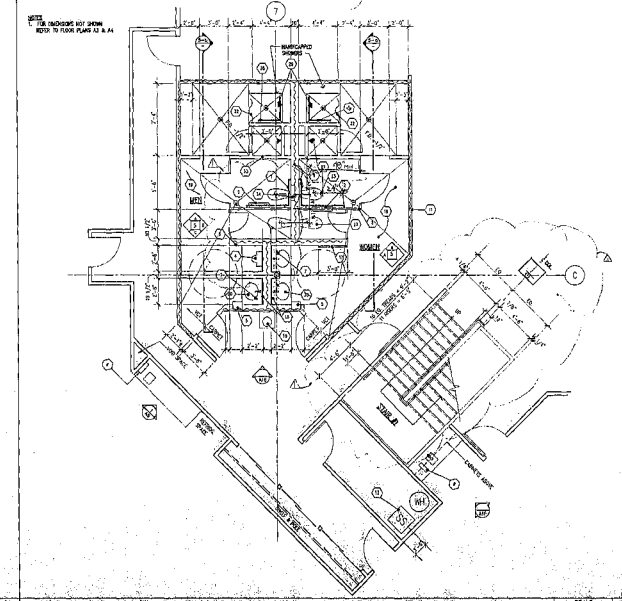
SECOND FLOOR RESTROOM INTERIOR ELEVATIONS — SCALE 1/4"=1'-0" — 4



SCALE 1/4"=1'-0" — 3



SECOND FLOOR RESTROOM PARTIAL PLAN — SCALE 1/4"=1'-0" — 2



1ST FLOOR LOBBY TOILET & STAIR PLAN — SCALE 1/4"=1'-0" — 1

KEY NOTES

RESTROOMS

1. HANDICAP GRAB BAR, BOBRICK B-5637 WITH CONCEALED MOUNTING, INCLUDING 8116 SERIES ANCHOR PLATES WHEN BAR IS MOUNTED TO STUD WALL.
2. SURFACE MOUNTED TOILET TISSUE DISPENSER, BOBRICK DOUBLE ROLL B-2740
3. PARTITION, LAMINATED PLASTIC WITH STAINLESS STEEL EDGE, BOBRICK FLOOR ANCHORED 1838 SERIES, COLOR AS SELECTED BY ARCHITECT.
4. URINAL - SEE PLUMBING DRAWINGS
5. RECESSED MOUNTED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE, BOBRICK B-3944
6. SURFACE MOUNTED PAPER TOWEL DISPENSER, BOBRICK B-262
7. LAVATORY MOUNTED LIQUID SOAP DISPENSER, BOBRICK B-822
8. 2x4 STAGGARD VS. STUDS @ 16" O.C. PLUMBING WALL
9. DRINKING FOUNTAIN (HANDICAP ACCESSIBLE)
10. R-11 INSULATION
11. CERAMIC TILE COUNTERTOP WITH 4" SPLASH AT BACK AND BOTH SIDES COLOR AS INDICATE HOT WATER PIPING.
12. CORNER FLOOR SERVICE SINK
13. MIRROR, "BOBRICK" 165-3044 (120-1/8" x 44" HIGH) MOUNT HT. FROM +4" TO 8'-0" A.F.F.
14. 4" HIGH SELF COVED SHEET VINYL BASE
15. SEE INTERIOR FINISH SCHED.
16. WATER RESISTANT GYPSUM BOARD
17. FLOOR MOUNTED FLUSH VALVE TOILET- SEE PLUMBING
18. CERAMIC TILE TO +6'-0" HIGH, THICK SETTING BED BY LATH & GYPSUM BOARD PER CERAMIC TILE COUNCIL OF AMERICA INSTALLATION RECOMMENDATIONS
19. WATER HEATER PER PLUMBING DRAWINGS
20. SHOWER HEAD
21. HANDICAPPED SHOWER GRAB BARS
22. HANDICAPPED SHOWER HEAD ASSEMBLY.
23. LAVATORY MOUNTED BELOW COUNTER, SEE PLUMBING DRAWINGS
24. HANDICAP SHOWER SEAT
25. SHOWER CURTAIN
26. 2x4 STUD WALL @ 16" O.C.
27. "BOBRICK" B-301 RECESSED TOILET COVER DISPENSER.
28. "BOBRICK" B-2971 PARTITION MOUNTED TOILET SEAT COVER DISPENSER. FEMININE NAPKIN DISPOSAL, ROLL TOILET TISSUE DISPENSER
29. "BOBRICK" B-3474 RECESSED TOILET SEAT COVER DISPENSER AND ROLL TOILET TISSUE DISPENSER

NOTES:

1. KEYNOTES ARE TYPICAL THROUGHOUT THE SET OF DRAWINGS. NOTES NOT PERTAINING TO THIS PARTICULAR DRAWING ARE OMITTED FOR CLARITY.
2. PROVIDE SOLID BACKING BEHIND ALL WALL HUNG FIXTURES, ACCESSORIES AND DOOR STOPS.

JAN20 1989

BY

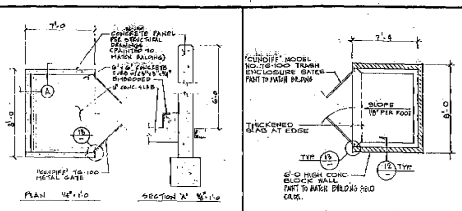
REVISIONS	BY
Bldg Dept	1

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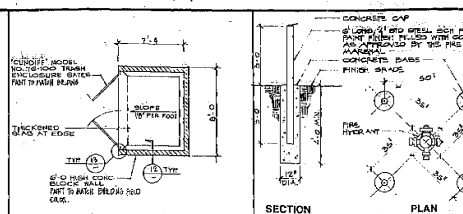
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15 ARGONAUT DRIVE
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Kaminari
#15, ARGONAUT DRIVE,
ALISO VIEJO, CALIFORNIA

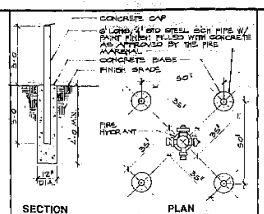
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JOB 8934
SHEET A-1.13
OF SHEETS



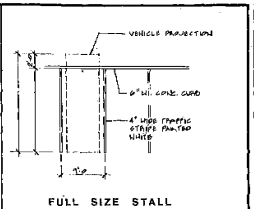
26 TRASH ENCLOSURE



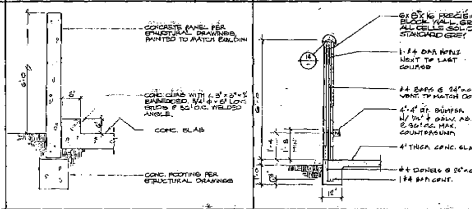
21 TRASH ENCLOSURE SCALE 1/8"=1'-0"



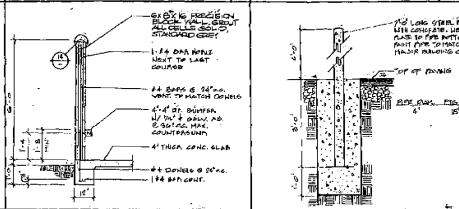
16 FIRE HYDRANT BARRICADES SCALE 1/2"=1'-0"



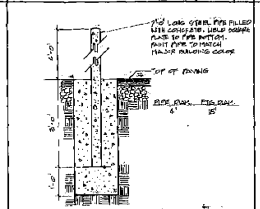
11 STANDARD PARKING SCALE 1/8"=1'-0"



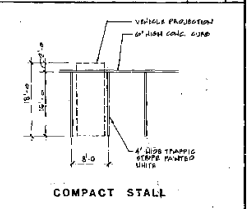
27 SECTION AT TRASH ENCL. SCALE 3/4"=1'-0"



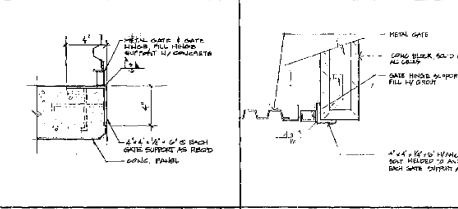
22 TRASH ENCL. WALL SEC. SCALE 1/4"=1'-0"



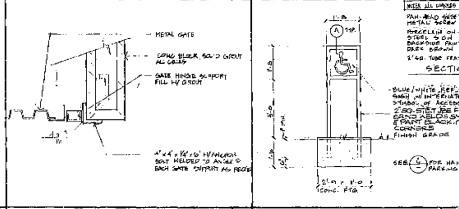
17 GUARD POST SCALE 3/4"=1'-0"



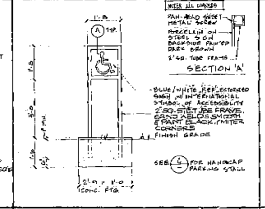
12 COMPACT PARKING SCALE 1/8"=1'-0"



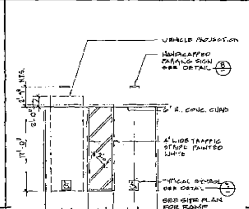
28 TRASH ENCL. GATE HINGE SCALE 3/4"=1'-0"



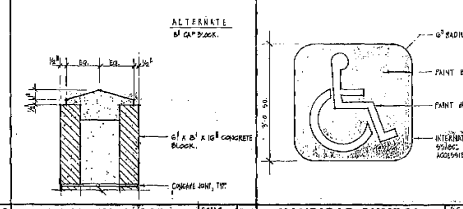
23 N.S.D. 18



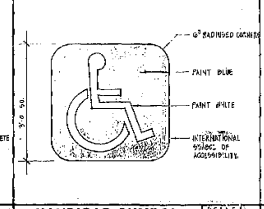
13 HANDICAP PARKING SIGN SCALE 1/2"=1'-0"



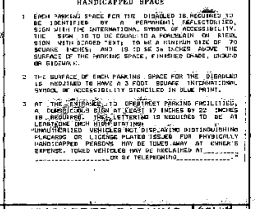
8 HANDICAPPED PARKING SCALE 1/8"=1'-0"



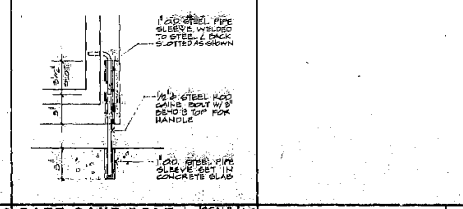
29 24 19 BLOCK WALL CAP SCALE 3/4"=1'-0" 14



9 HANDICAP SYMBOL SCALE 1/2"=1'-0"

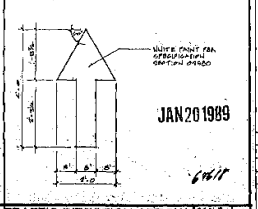


4 HANDICAPPED PARKING SCALE 1/8"=1'-0"



30 25 20 GATE CANE BOLT SCALE 3/4"=1'-0" 15

10



5 TRAFFIC DIRECTION ARROW SCALE 1/8"=1'-0"

JAN 20 1989

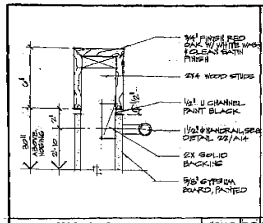
REVISIONS BY

ARCHITECT: BANZUELO/RIERSON / DUFF & ASSOCIATES, INC.

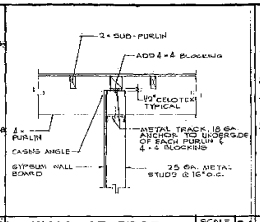
DEVELOPER: KAMINARI BUILDING PARTNERS 4350 VON KARMAN NEWPORT BEACH, CA. 92660 (714) 833-2000 FAX (714) 833-2001

Kaminari 415 ARGONAUT DRIVE ALISO, VIEJO, CALIFORNIA

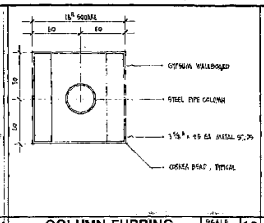
DATE 11-21-88
SCALE NOTED
DRAWN
CHECKED
JOB NO. 88-1012
SHEET A-12
OF SHEETS



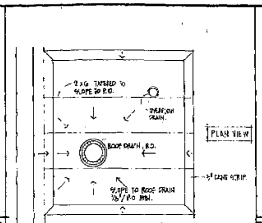
WALL CAP SCALE 3"=1'-0" 26



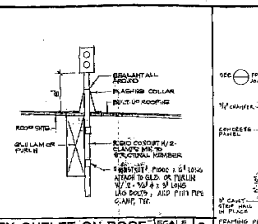
WALL AT ROOF SCALE 3"=1'-0" 21



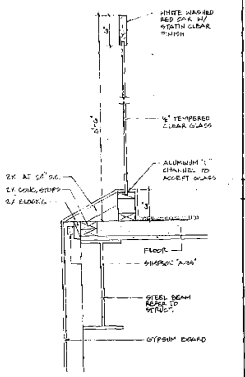
COLUMN FURRING SCALE 1"=1'-0" 16



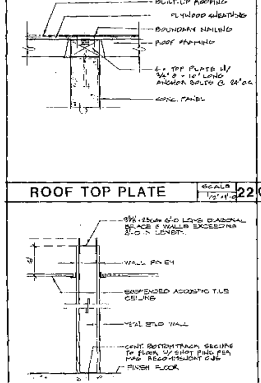
DUPLEX OUTLET ON ROOF SCALE NONE 6



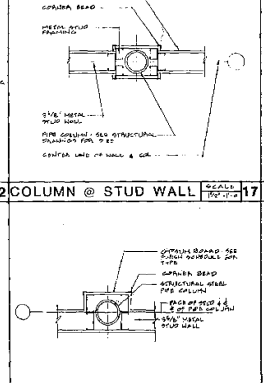
PARAPET DETAIL SCALE NONE 2



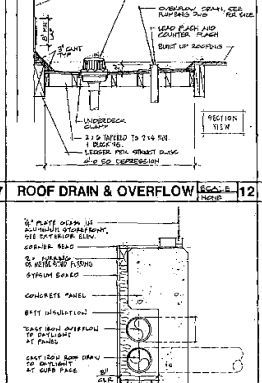
RAILING DETAIL SCALE 3/4"=1'-0" 28



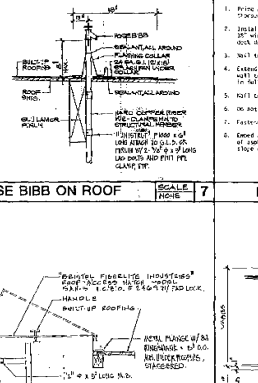
ROOF TOP PLATE SCALE 1"=1'-0" 22



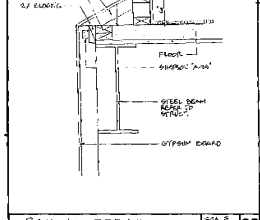
COLUMN @ STUD WALL SCALE 1"=1'-0" 17



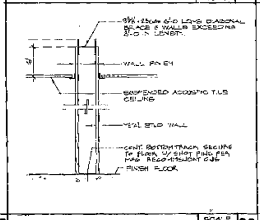
ROOF DRAIN & OVERFLOW SCALE 1"=1'-0" 12



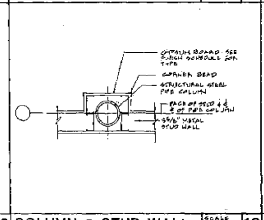
HOSE BIBB ON ROOF SCALE NONE 7



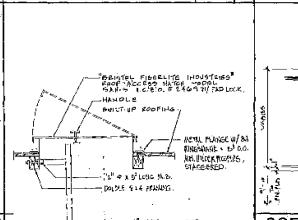
STUD WALL SCALE 1 1/2"=1'-0" 23



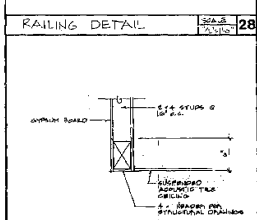
COLUMN @ STUD WALL SCALE 1"=1'-0" 18



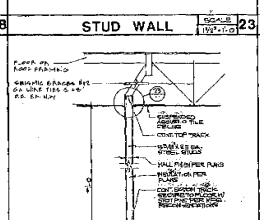
FURRING AT ROOF DRAIN SCALE 1"=1'-0" 13



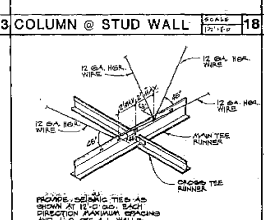
SOFFIT @ SKYLIGHT SCALE 1"=1'-0" 3



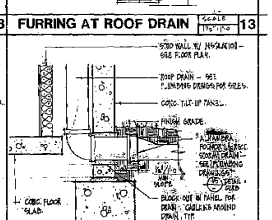
INTERIOR SOFFIT DETAIL SCALE 1"=1'-0" 29



WALL BRACING SCALE 1"=1'-0" 24

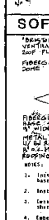


SUSPENDED CEILING SCALE 3/4"=1'-0" 19

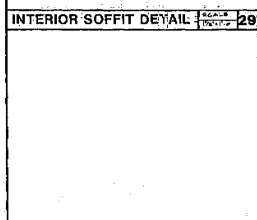


SCALE 1"=1'-0" 14

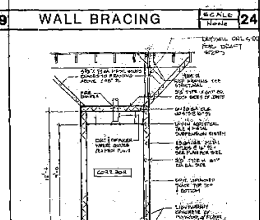
ROOF ACCESS HATCH SCALE 1"=1'-0" 9



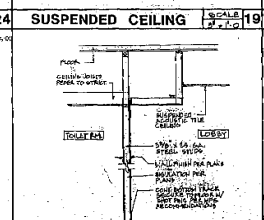
SKYLIGHT SCALE NONE 4



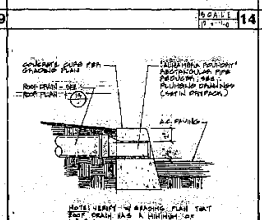
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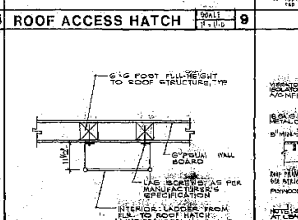
N.T.S. 25



20



ROOF DRAIN @ CURB FACE SCALE 1"=1'-0" 15



LADDER TO WALL SCALE 1"=1'-0" 10

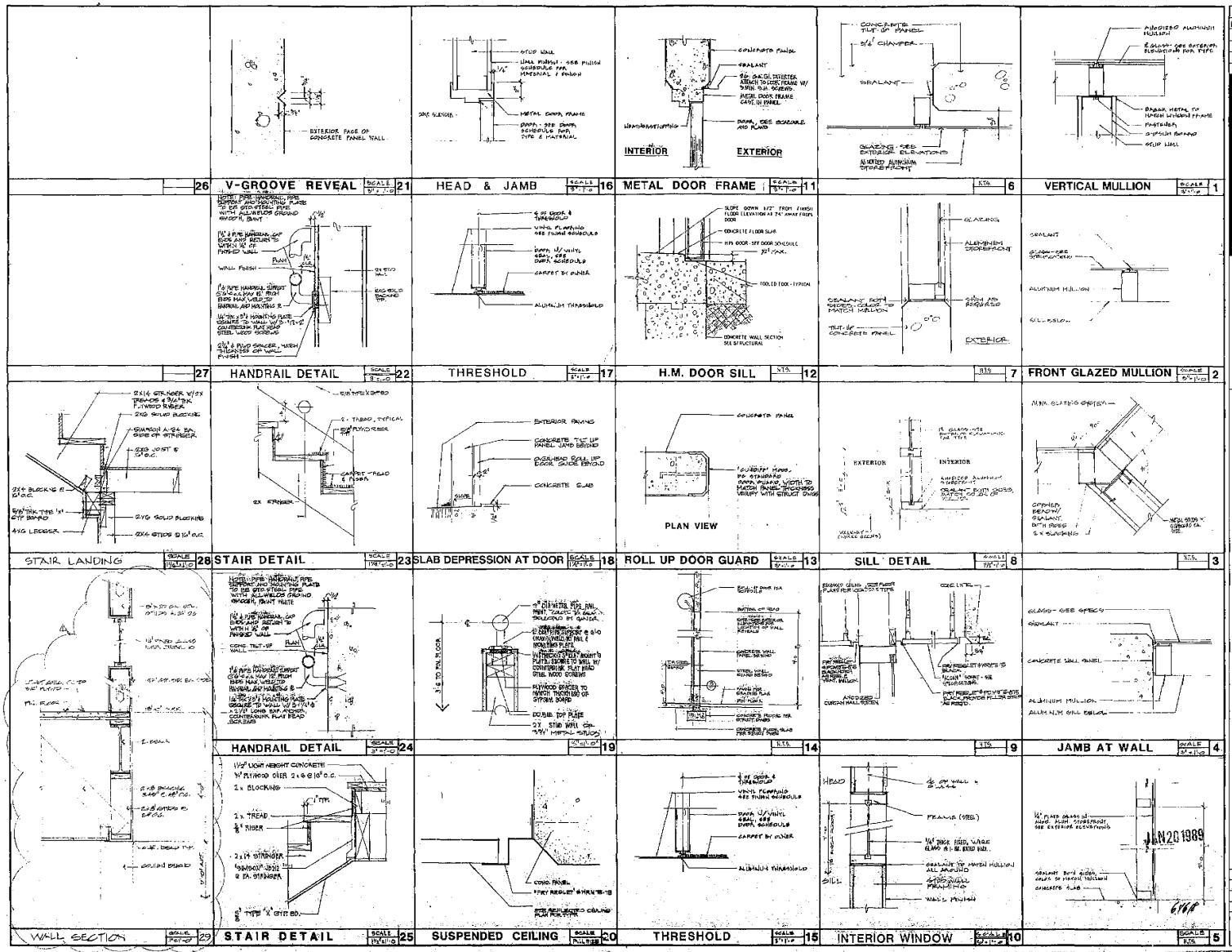
UNIT PLATFORM SCALE N.T.S. 5

DEVELOPER:
KAMNAR BUILDING PARTNERS
1551 DOVE STREET
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX(714)833-7654

BONZUELO / RIERSON / DUFF
& ASSOCIATES, INC.

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE 11-6-86
SCALE NOTED
DRAWN
JOB 86-04
SHEET A-13
OF SHEETS

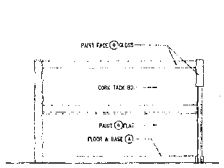


DEVELOPER:
KAMINARI BUILDING PARTNERS
4675 MACARTHUR COURT, SUITE 1500
NEWPORT BEACH, CA. 92660
(714)833-2080/FAX(714)833-7864

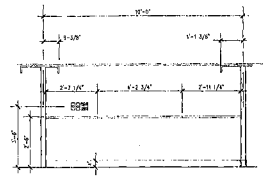
ARCHITECTURE
BANZUELO / NIERSON / DUFF
& ASSOCIATES, INC.

Kaminari
15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

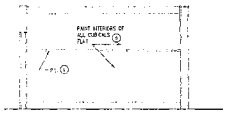
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SCALE NOTED
JOB 88-24
SHEET A1.4



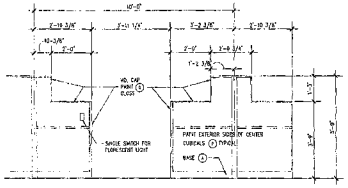
ELEVATION D



ELEVATION C

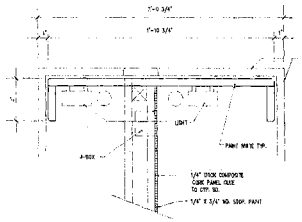


ELEVATION B

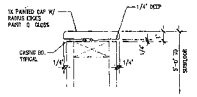


ELEVATION A

ELEVATIONS N.I.C. SCALE 1" = 1'-0" 2



DETAIL A

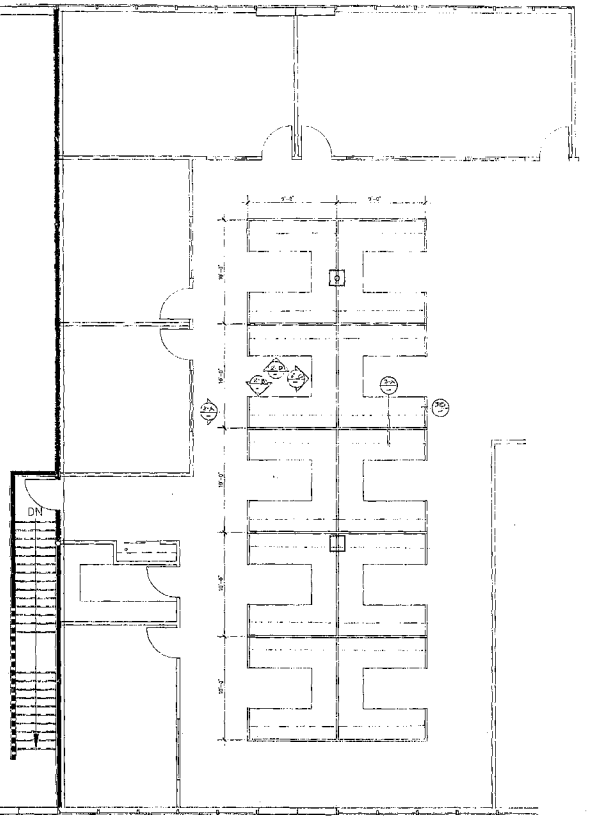


DETAIL B



DETAIL H

DETAILS N.I.C. SCALE 1" = 1'-0" 3



JAN 23 1989

ENLARGED CUBICAL PLAN LAYOUT N.I.C. SCALE 1/2" = 1'-0" 1

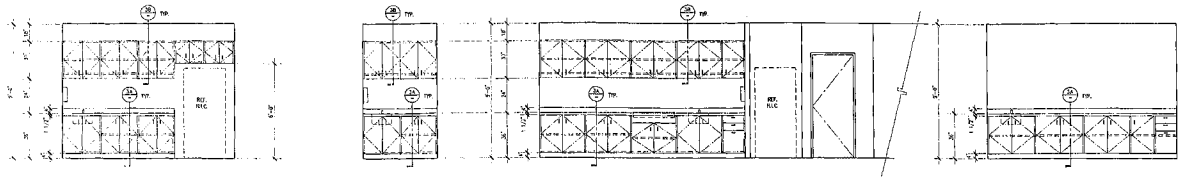
REVISIONS	BY
BLDG DEPT.	

ARCHITECTURE
BANZUELO/RIENSON/DUFF
& ASSOCIATES, INC.
4501 E. 18 PARK AVENUE
LONG BEACH, CA. 90807 (213) 595-1900

DEVELOPER:
KAMBARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714) 833-2600 FAX (714) 833-2654

Kaminari
415 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

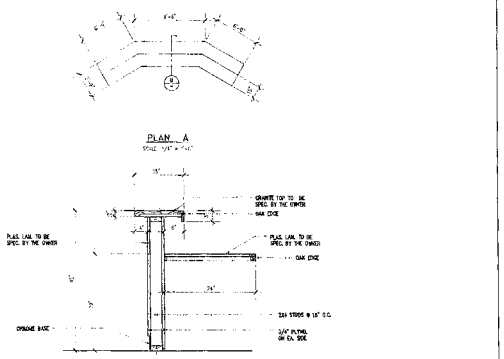
DATE 1-2-89
SCALE AS NOTED
DRAWN
JOB 88-34
SHEET A-1.5
OF SHEETS



ELEVATION A | ELEVATION B | ELEVATION C | ELEVATION D

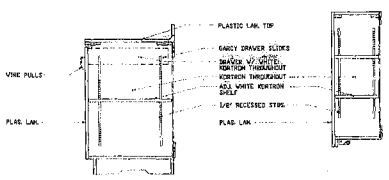
CABINET ELEVATIONS

SCALE 1/8" = 1'-0" | 2



RECEPTION DESK PLAN & SECTION

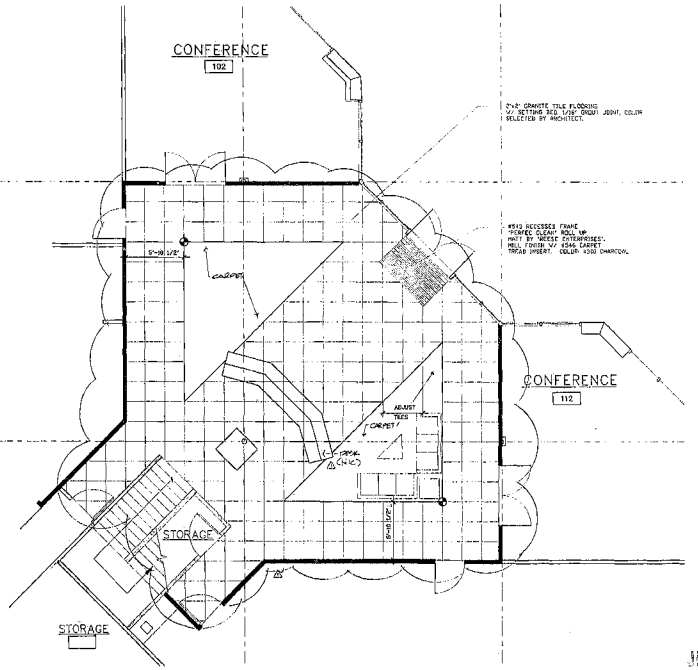
N.I.C. | SCALE NOTED | 4



A LOWER CABINET | B UPPER CABINET

CABINET SECTIONS

N.I.C. | SCALE 1/2" = 1'-0" | 3



JAN 26 1989

LOBBY PAVING PLAN

SCALE 1/8" = 1'-0" | 2

REVISIONS | BY

PROJECT DATA
ARCHITECTURE
RANZUELO / RIERSON / DUFF & ASSOCIATES, INC.
ARCHITECTS
1455 VON KARMAN
NEWPORT BEACH, CA 92660
(714) 833-0880

DEVELOPER:
KAMINARI BUILDING PARTNERS
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Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE 1-9-89
SCALE AS NOTED
DRAWN
JOB 8834
SHEET A-16
BY

DIVISION 1 - GENERAL REQUIREMENTS

01010 - SUMMARY OF WORK

1.1 No changes are to be made on these plans without the knowledge and consent of the Architect whose signature appears hereon.

1.2 Dimensions as indicated are dimensions to be used for construction. Do not scale the prints.

1.3 No framing of any type is to be concealed prior to inspection by governing agencies.

1.4 All of the ASTM designations are to be the latest editions.

1.5 The drawings and specifications are intended to comply with all laws, ordinances, rules, and regulations governing this building project. The Contractor shall notify this office of any conditions found that, in his opinion, would be desirable to modify or change to produce the best results.

1.6 Each Sub-Contractor shall verify all conditions and dimensions at the job site.

1.7 Conventional details shall apply where no special detail or callout is shown. This office will furnish any clarification at the request of the Superintendent.

1.8 The Contractor shall coordinate all work and materials provided by others.

1.9 The Owner will furnish the Building Permit and pay for water and sewer assessments. The General Contractor will be responsible for all coordination with his Sub-Contractors with regard to permits, fees, and temporary as well as permanent utilities. Subs shall obtain city licenses and submit same to the Superintendent before starting work. Each Sub shall obtain required permits and pay for any fees required for his portion of the work.

1.10 It shall be the responsibility of each Sub to cleanup and remove all surplus material and debris from the job site.

1.11 The Contractor shall provide temporary toilet facilities at the job site as required by law until the job is completed.

1.12 Shop drawings, six (6) copies, when required, shall be submitted to this office for review and receive a release in writing prior to fabrication. The Contractor shall review and release such drawings prior to submittal to this office.

1.13 For products specified by naming only one Product and manufacturer, there is no option or substitution. For products specified only for reference standard, select any product meeting that standard. For products specified by naming several products or manufacturers, select any one of the products or manufacturers named, which complies with the specifications.

1.14 The Contractor shall have at the worksite copies of suitable extracts of Construction Safety Orders and General Industrial Safety.

1.15 The Contractor shall install Architect and Owner furnished project identification signs and shall be responsible for their removal on completion of construction. Contractor shall coordinate the disposal and/or return of signs with Architect or Owner. Erect on the site at a lighted location of high public visibility acceptable to the Architect.

1.16 The Contractor shall execute periodic cleaning to keep the work, the site, and adjacent properties free from accumulations of waste materials, rubbish and windblown debris resulting from construction operation. Provide on-site containers for the collection of waste materials, debris, and rubbish.

1.17 At the completion of construction, the Contractor shall provide the owner with one set of reproducible record drawings.

1.18 Approved construction prints will be black line with edges painted green. All other prints are not approved for construction and shall be confiscated by the Contractor for disposal.

1.19 Fire hydrant assemblies and all weather access surfaces capable of supporting emergency vehicles shall be provided [illegible] to any combustible construction or storage of combustible materials.

1.20 If there is any discrepancy between the drawings and specifications, or between the drawings of the architect and the various consultants, the contractor shall notify the architect and request, in writing, a clarification of the matter, before proceeding with the work.

01090 - ABBREVIATIONS & SYMBOLS

AIR CONDITIONING	A.C.
ALUMINUM	ALUM.
ANCHOR BOLTS	A.B.
ANODIZED	ANOD.
ASPHALT CONCRETE PAVING	A.C. PAVING
AT	@
BEAM	BM.
BEARING	BRG.
BLOCKING	BLKG.
BLOCK	BLOCK B
CEILING	CLG.
CENTER LINE	C.L.
CLEAR	CLR.
COLUMN	COL.
CONCRETE	CONC.
CONSTRUCTION	CONST.
CONTINUOUS	CONT.
DIAMETER	DIA.
DOWNSPOUT	D.S.
DRAWING	DWG.
DRINKING FOUNTAIN	D.F.
EACH	EA.
EAST	E.
ELEVATION	ELEV.
ENCLOSURE	ENCL.
EQUAL	EQ.
EXISTING	EXIST.
EXTERIOR	EXT.
FACE OF GLASS	F.O.G.
FACE OF FINISH	F.O.F.
FACE OF STUD	F.O.S.
FINISH	FIN.
FINISH FLOOR	F.F.
FLOOR	FLR.
FLOOR DRAIN	F.D.
FLOOR SINK	F.S.
FOOTING	FTG.
FOUNDATION	FOUND., FDN.
FRAMING	FRMG.
GAUGE	GA.
GALVANIZED	GALV.
GLUE LAMINATED BEAM	GLU-LAM BM.
GYPSUM BOARD	GYP. BD.
HEIGHT	HGT.
HORIZONTAL	HORIZ.
HOSE BIBB	H.B.
INTERIOR	INT.
LAVATORY	LAV.
MACHINE BOLT	M.B.
MASONRY OPENING	M.O.
MAXIMUM	MAX.
MECHANICAL	MECH.
METAL	MTL., MTL.
MINIMUM	MIN.
NORTH	N.
NOT TO SCALE	N.T.S.
NUMBER	NO., #
ON CENTER	O.C.
OVERFLOW	O.F.
PANEL JOINT	P.J.
PLATE	PL.
PRESSURE TREATED DOUGLAS FIR	P.T.D.F.
PLYWOOD	PLYWD.
PROPERTY LINE	P.L., PROP. LINE
REINFORCING	REINF.
ROOF DRAIN	R.D.
ROOM	RM.
SECTION	SECT.
SHEATHING	SHTG.
SHEET	SHT.
SIMILAR	SIM.
SPECIFICATIONS	SPECS.
SQUARE	SQ.
STANDARD	STD.
STEEL	STL.
STRUCTURAL	STRUCT.
SYMMETRICAL	SYM.
TEMPERED	TEMP.
THICK	THK.
THRESHOLD	THRESH.
TOP OF LEDGER	T.L.
TOP OF BEAM	T.B.
TOP OF SHEATHING	T.SH.
TOP OF WALL	T.W.
TYPICAL	TYP.
UNIFORM BUILDING CODE	U.B.C.
UNLESS NOTED OTHERWISE	U.N.O.
URINAL	UR.
VERTICAL	VERT.
WATER CLOSET	W.C.
WELDED WIRE MESH	W.W.M.
WEST	W.

01200 - PRECONSTRUCTION CONFERENCE

1.1 To help clarify construction contract administration procedures and communications there shall be a pre-construction meeting with the Architect, Owner and Contractor within 10 working days after the Owner has issued the Notice to Proceed, but prior to the start of the Work.

1.2 The Architect will compile minutes of the conference and distribute copies to the Contractor and Owner.

1.3 The contractor shall be responsible for coordinating the conference.

1.4 Minimum Agenda:

a. Channels and procedures for communication.
b. Contract documents, revisions and addenda.
c. Processing of Shop Drawings and other data submitted to the Architect for review.
d. Processing of Field decisions and Change Orders.
e. Rules and Regulations governing performance of the Work.
f. Procedures for safety and first aid, security, quality control, housekeeping and related matters.

1.5 Other attendees may include:

a. Architect consultants.
b. Major sub-contractors.
c. Owner representatives.

01400 - QUALITY CONTROL

1.1 In addition to the required City Inspections, the Contractor shall employ a Special Inspector during construction for the following types of work:

A. CONCRETE: During the taking of test specimens and placing all reinforced concrete.

B. LIGHTWEIGHT CONCRETE: During the taking of test specimens and placing all reinforced concrete.

C. WELDING: During all structural welding, welding of reinforcing steel, performed in the field.

1.2 The Contractor shall employ a Testing Laboratory to conduct material tests as follows:

A. CONCRETE: The samples for strength tests shall be taken in accordance with UBC Standard No. 2610. Cylinders for acceptance tests shall be molded and laboratory cured and tested in accordance with UBC Standard No. 2610. Each strength test result shall be the average of 2 cylinders from the same sample tested at 28 days or a specified earlier age. Testing shall be in accordance with Section 2604 (a) UBC.

B. LIGHTWEIGHT CONCRETE: Oven-dry density of product at 28 days shall not be less than 100 lbs. per cubic foot and have a minimum of 2500 psi compressive strength. [illegible]

C. WELDING: Welding connections between the primary members of ductile moment-resisting frames shall be tested by nondestructive methods for compliance with UBC Standard No. 26 and Job Specifications. As a minimum, the program shall include the following:

All complete penetration groove welds contained in joints and splices shall be tested 100 percent by ultrasonic testing or radiography. Testing shall be in accordance with Section 2722 (I) UBC.

1.3 Promptly submit six (6) copies of written report of each test and inspection to the Architect.

1.4 Laboratory is not authorized to:

A. Release, revoke, alter or enlarge on requirements to the Contract Documents.
B. Approve or accept any portion of the work.
C. Perform any duties of the Contractor.

1.5 The Contractor shall employ and pay for the services of a separate, owner approved, equally qualified independent testing laboratory to perform additional inspections, sampling and testing required when initial tests indicate work does not comply with Contract Documents.

1.6 The Contractor shall furnish incidental labor and facilities:

A. To provide access to work to be tested.
B. To obtain and handle samples at the project site or at the source of the product to be tested.
C. To facilitate inspections and tests.
D. For storage and curing of test samples.

1.7 The following shop drawings and reports shall be submitted to the Architect for review:

Site Compaction Report
Asphaltic Concrete Sealer
Concrete Floor Sealer
Structural Concrete Mix Design
Concrete Block
Reinforcing Bar for Slab & Panels
Reinforcing Bar for Concrete Block Walls
[illegible]
Structural Steel
Roof Structures
Floor Structures
Insulation
Roofing
Sheet Metal
Roof Hatch and Ladder
Wood Doors
Acoustic Tile
Skylights
Glazing System & Aluminum Framed Doors
Hardware
Carpet
Paint Samples
Air Conditioning Units
Fire Sprinkler System
Switchgear
Light Fixtures
Toilet Accessories
Plumbing Fixtures
Roll-up Metal Docking Door
Signs
Elevator
Plastic Laminates
Vinyl Tile

This list is not exhaustive and shall not prevent the Contractor from submitting other shop drawings as necessary.

DIVISION 2 - SITE WORK

02050 - DEMOLITION

2.1 Provide labor, equipment, and services necessary for work of demolition.

2.2 Alteration or demolition of utilities, plumbing, mechanical and electrical work will be performed by other pertinent trades as part of this general contract.

2.3 Work shall comply with the rules and regulations of the division of Industrial safety and other federal, local and state agencies and authorities, regulations, and codes having jurisdiction.

2.4 Obtain and pay for permits required to perform the demolition work as required by agencies and authorities having jurisdiction.

2.5 Contractor shall accept the site as it exists on the first day of work under the contract. It shall be his responsibility to visit the site prior to bidding to [illegible] the exact nature and amount of work to be done, and fixtures and conditions that affect his work. Investigate work of other crafts whose work abuts, adjoins, or is in any manner affected by work under this heading. Consult drawings and coordinate with other trades to expedite work and coordinate with utilities and labor to avoid extensions, delays, and to make completed work conform with contract requirements.

2.6 Neatly and accurately cut existing construction only to limits necessary to accommodate new construction. Perform work with experienced personnel only. [illegible] disposal [illegible] off-site and do not allow accumulation.

2.7 Work which is to remain which is damaged in any way shall be repaired, patched, or replaced to match adjoining work [illegible] no additional cost to owner. Place bracing, shoring and barriers so as to prevent collapse, damage to work which is to remain, allow for removal of existing, and placing of new work, and cause least interference with owner's requirements.

2.8 Contractor shall be liable for damage to property of owner and those damaged by theft. Repair or replace in case any required at contractor's own expense, for damage and stolen property.

2.9 Thoroughly protect existing paving and concrete work from damage, handling of materials, demolition of existing work [illegible] new construction by any other cause during progress of reconstruction.

2.10 Protect existing [illegible] equipment, utilities [illegible] existing piping [illegible] not known on the as-built drawings shall be reported to the Architect immediately.

2.11 Concrete curbs, driveways, and concrete slabs shall be removed to the limits indicated and/or required and shall be disposed of off the site. Neatly score paving, concrete with a power wheel or saw to limits of demolition and carefully break out materials within these scored limits by suitable means to prevent further damage.

2.12 Asphaltic concrete shall be removed to the limits indicated and/or required and shall be disposed of off the site.

2.13 Remove any existing underground piping encountered (and backfill to compaction designated by soils engineer). Demolished stub-outs shall be terminated at a minimum 2'-0" below new finished grade unless designed otherwise on drawings. [illegible] capped, plugged, or blind flanged as appropriate.

2.14 Materials used for pipe terminations and temporary connections shall be [illegible] suitable for the service in which used.

2.15 Projections, (wood bolts, etc.) shall be cut off below surface so can be flush with slab to an even, uniform surface.

2.16 Exposed reinforcing which is to be incorporated into new work shall be cleaned and left intact, otherwise reinforcing or anchors required to remain shall be neatly cut back and removed.

2.17 Disposition of materials, not to be salvaged shall be off the site and off local public areas, to approved established dump sites. Burning or other disposal on site [illegible] not permitted. Any accidental loss or damage [illegible] shall be the Contractor's responsibility [illegible].

2.18 Upon completion of demolition and salvage operations as specified, the entire area shall be cleaned of debris in a manner satisfactory to the owner.

02100 - SITE PREPARATION

2.1 The work includes, but is not necessarily limited to, the furnishing of all materials and equipment and performing all operations necessary for and properly incidental to accomplishing all site clearing work as necessary to complete the project as shown and noted on the drawings and specified herein.

2.2 Contractor shall procure all City, County, and State permits and licenses, including municipal business licenses, pay all charges, fees and taxes [illegible] without cost to the Owner, and shall give all notices necessary and incidental to the due and lawful prosecution of the work.

2.3 Contractor shall conform to all Federal, State, and local ordinances relating to the protection of the public and Contractor's personnel and the flow of traffic. Provide protection for persons and property throughout the progress of the work.

2.4 The limits of the site are indicated on the drawings. Except for subsurface utility work and any other work specifically shown or noted, Contractor shall confine his operations within the limits of work as indicated.

2.5 Clearing work shall not be commenced until all temporary work such as fences, barricades, and any required working lights and apparatus are furnished and installed.

2.6 Contractor shall visit the site to determine the full extent of the site clearing work and any other matters that in any way affect the work. Failure of the Contractor to acquaint himself with all existing conditions will not relieve him from responsibility for estimating the difficulty or the cost of the work.

2.7 Demolition shall include all items on or above grade, or any, which were not accomplished under Section 02050 - DEMOLITION as required to accomplish the construction of the project as shown on the drawings and specified herein.

2.8 Excavate for the removal of all concrete walks, curbs, slabs, asphalt pavements which are not to be used, steps, foundation walls, foundations, footings, etc., and all other obstructions on or above grade. All structural obstructions shall be removed to a minimum depth of three feet below finished grade.

2.9 Perform all stripping and grubbing as may be necessary to remove all objectionable material from the building site. Remove a minimum of 6 inches of topsoil and whatever additional topsoil is deemed necessary by the soils engineer, vegetation, organic matter or other objectionable material from areas of the site to receive the building and paving. Contractor shall be responsible for removal to a greater depth, when necessary, to remove all vegetation and subsurface organic debris encountered.

2.10 All debris and excess earth materials shall be the property of the Contractor and shall be removed and disposed of in a legal manner off the Owner's property. Location of dump and length of haul shall be the Contractor's responsibility.

2.11 Pits and depressions shall be filled with approved non-compressible material as soon as possible. Broken concrete, masonry, asphalt or debris will not be permitted for filling of pits. See Section 02200 - EARTHWORK for exact description of material to be used.

2.12 After final grading, all areas to be surfaced with asphalt paving shall be treated with a weed killer applied as recommended by manufacturers written specifications. The Contractor shall take all precautions, and provide necessary protection to prevent injury to life and property by reason of the application of weed poison.

02250 - SOILS ENGINEER

SCHAEFER DIXON ASSOCIATES, INC. Soil Bearing Value: 2,000psf
[illegible] Street Project No.: [illegible]
Santa Ana, CA 92705 Dated: September 14, 1987

The following notes and specifications are not all inclusive and were not [to] preclude [anyone] from reading the soil report in its entirety.

2.1 All individuals concerned with sitework must read the above report and familiarize themselves with the specifications and recommendations by the soils engineer. These recommendations are to be part of this specification.

2.2 The contractor shall furnish two copies of a compaction report to the Architect after the completion of rough grading and prior to the pouring of the concrete slab.

02200 - EARTHWORK

2.1 Existing Utilities: Locate by hand excavation and provide protection from damage. Cooperate with Owner and Utility Companies for maintaining services. Do not break utility connections without providing temporary services, as acceptable to the Engineer. Repair damage to existing utilities as directed by Utility Company.

2.2 Protection: Protect structures, utilities, sidewalks, pavements, and other facilities in areas of work. Barricade open excavations and provide warning light from dusk to dawn each day.

2.3 Excavation: Remove and dispose of material encountered to obtain required subgrade elevation, including pavement, obstructions visible on ground surfaces, underground structures and utilities indicated to be removed.

2.4 Unauthorized excavations (removal of materials beyond indicated subgrade elevations) may be filled and compacted with [illegible] elevation, as directed by the Engineer.

2.5 Stockpile excavated material where directed, until required for backfill and fill.

2.6 Excavate for structures to elevations and dimensions shown, extending excavation a sufficient distance to permit placing and removal of other work for inspection. Trim bottom to required lines and grades to provide solid base to receive concrete.

2.7 Backfill excavations as promptly as work permits.

2.8 Grading: Refer to soils investigation for recommendations. Grade areas indicated, including adjacent transition areas, with uniform levels or slopes between finish elevations. Shape surface of areas to within 0.10' above or below required subgrade elevations, compacted as required.

2.9 Maintenance: Repair and re-establish grades in settled, eroded, rutted, or otherwise damaged areas. In damaged compacted areas, scarify the surface, recondition and recompact to required density prior to further construction.

2.10 Disposal: Transport acceptable excess excavated materials to designated soil storage areas on the site [illegible]. Remove waste materials, including unacceptable excavated material, trash, and debris from the site in a legal manner.

02350 - BEARING

2.1 Footings may be designed for an allowable bearing value of 2000 pounds per square foot for footings placed to a minimum width of 15 inches and depth of 30 inches. The above bearing values may be increased in accordance with footnote 3 of Table 29B of the U.B.C. of 1985. For short duration loading such as wind and seismic conditions bearing pressures may be increased by 33 percent.

2.2 On-site materials may be used for the fill if free of debris, or fill materials shall consist of materials approved by the Soils Engineer and may be obtained from any other approved source. The materials used should be free of vegetable matter and other deleterious substances and shall not contain rocks or lumps greater than six inches in maximum dimension.

2.3 All pad areas, and five feet outside exterior footings, shall be over-excavated 24 inches below natural or finish grade, whichever is greater in depth.

2.4 Footing areas shall be excavated to a depth of 12 inches below the bottom of the footings, one equipment-width wide.

2.5 Prior to receiving fill, the bottom of the excavated area shall be ripped 12 inches, watered as required, and compacted to at least 90 percent of maximum density.

2.6 Driveways and parking areas shall be compacted to a depth of 18 inches below subgrade.

2.7 Any concrete irrigation lines shall be removed, or crushed in place and compacted.

2.8 All roots and debris shall be removed from the site prior to placing any fill.

2.9 The maximum density shall be determined in accordance with ASTM-D-1557-78.

2.10 All reworked and fill material shall be placed at, or above, optimum moisture and compacted to at least 90 percent of maximum density.

2.11 All imported soils must be approved by the Soils Engineer, or his representative, prior to importing.

2.12 All utility trenches must be compacted to 90 percent of maximum density, or backfilled per soils report.

02515 - [illegible]

2.1 Materials to be by MUDGE CO. as distributed by ANAHEIM BUILDING SUPPLY, INC. (714) 634-4521.

2.2 See landscape plans for location of application.

2.3 Install per manufacturer's recommendation, specifications, masonry design manual, current edition and the current edition of the Uniform Building Code.

02580 - PAVING AND STRIPING

2.1 Pavement marking paint shall conform to F.S. TT-P-115D and color shall be white. Handicapped symbols shall be approved blue color.

2.2 All equipment shall be maintained in satisfactory working order to enable paint to be applied in proper amounts without overspray, drips or splashes.

2.3 New pavement shall have cured for a minimum of 20 days prior to paint application and be thoroughly cleaned to remove all surface deposits that will interfere with the adhesion of paint.

2.4 Paint shall be applied pneumatically to dry pavement at a rate of approximately 150 sq. ft. per gallon.

2.5 Warning signs and barriers shall be used to protect painted work from damage.

02900 - LANDSCAPE PLANTING & IRRIGATION

2.1 Refer to landscape plans.

DIVISION 3 - CONCRETE & REINFORCING

03000 - GENERAL

3.1 All concrete work shall comply with Chapter 26 of UBC. Reinforcement and placement shall be in accordance with ACI 315 and 318. Refer to Civil, Structural, Electrical, and Landscape drawings for additional information.

3.2 Ultimate compressive strength at 28 days: As noted on the structural plans and specifications. This applies to footings and slabs on grade. Cement shall be type as specified in the soils report, meeting ASTM C-150.

3.3 Reinforcing steel for all flat work shall be intermediate grade deformed bars ASTM A-615, Grades 40 or 60. Lap all bars 40 diameters at splices; refer to additional notes on Structural and Civil drawings. Place all steel accurately and secure in position with chairs, ties, etc., meeting ACI requirements prior to pouring.

3.4 Aggregate shall be uniformly graded conforming to ASTM C-33.

3.5 All slabs, except where surfaces are to receive other finishes, shall be properly cured using Silcoseal 77 by [illegible] Chemicals, or approved equal, applied per manufacturer's specifications.

3.6 Bar supports for reinforcing in exposed concrete that is to be sandblasted, tooled or retarded shall be plastic, hot dipped galvanized with plastic feet, or stainless steel.

3.7 All reinforcing welding shall be done by certified welders in accordance with AWS standard Code D 1.4-79 and the UBC using low-hydrogen coated electrodes, ASTM A233, E70xx series and inspected per section 01400 of this specification.

3.8 Transit-ready-mixed concrete shall be in accordance with ASTM C-94.

3.9 Concrete to be sandblasted shall be a "rock intensive" mix providing structural strength requirements. [illegible] All concrete that will be sandblasted shall be [illegible] to avoid interruption of concrete work in the event of vibrator failure.

3.10 Sandblasting shall be accomplished [illegible] a complete panel to be blasted in a single operation. No panel shall be left partially blasted at the end of the working day. Sandblasting shall be uniform and level in appearance. The cement matrix shall be cut from the surface, exposing the aggregate according to the following definitions:

Heavy sandblast - 3/8" (.375") minimum depth.

Determination will be made by measurement at at least 10 points over any one wall [illegible]. Additional measurements and locations may be taken at the discretion of the Architect. Requirements for blast depth will remain constant regardless of additives used in concrete design mix, (i.e. PSI strength of concrete). Final sandblast appearance will be reviewed for acceptance by the Architects or their representative. This project will require the "heavy sandblast" finish of 3/8" (.375").

3.11 All exposed exterior concrete shall be treated with a non-pigmented, water proofing agent to provide an acceptable weathertight concrete surface. See Section 09900 - PAINTING, Note 4.10 for Concrete Sealer notes.

3.12 Perform sandblasting in accordance with pertinent regulations of governmental agencies having jurisdiction, with particular respect to air quality regulations.

3.13 Protect all work in such a way that the sandblasting operation does not damage work performed and supplied by others.

03100 - CONCRETE FORMWORK

3.1 Provide all concrete formwork, tools, equipment and accessories, complete as shown on the drawings or inferable therefrom and/or as specified, in accordance with the requirements of the Contract Documents.

3.2 In addition to requirements shown or specified, comply with the ACI Standards 347 "Recommended Practice for Concrete Formwork", in case of conflict, this specification governs.

3.3 [illegible] provided it is [illegible] completely cleaned, reconditioned and recoated for each reuse and is capable of producing the formwork requirements for that use.

3.4 a. Lumber: "Construction" grade Douglas Fir conforming to W.C.L.I.B. grading Rule No. 15 as revised to date.

b. Plywood for Architectural Concrete: New Exterior DFPA "Plyform", Class I, B-B coated and edge-sealed, [illegible], 3/4 inch, free of raised or separated grain.

c. Proprietary metal or lined, sanitized wall.

3.4 Accessories:

a. Blockouts, Keyways: Wood or styrofoam.

b. Standard snap ties for snap-off 3/4" (19mm) from surface.

c. Chamfer Strips: Wood, polyvinyl chloride, or neoprene. Compatible with finish.

d. Joint Fillers: ASTM D1751, bituminous fiber or ASTM 1752 non-bituminous (cork), non-extruding and resilient with factor applied 1/2" deep removable top strip of suitable material with subsequent sealant.

e. Waterstops: Install in accordance with manufacturer's instructions.

f. Nailing Strips: Pressure treated wood.

g. Fabricated Embedments: Install only as shown in the Architectural and Structural Drawings and specified in MISCELLANEOUS IRON or STRUCTURAL STEEL.

h. Form Releases: Nonstaining, rust preventive, guaranteed not to affect bond of subsequent surface applications to concrete.

3.5 Formwork, shoring and bracing will be designed to sustain construction, wind and seismic loads and maintain concrete lines and levels specified.

3.6 Reinforce form joints to hold lines and butt tight to prevent leakage.

3.7 Coat removable forms with form release agent before reinforcing is placed and in accordance with manufacturer's instructions. Remove release agent from rebars or embedments with solvent recommended by manufacturer.

3.8 Exercise care in form removal to prevent chipping of corners or other damage to concrete. Competent and experienced foremen shall supervise form removal and at no time shall more men be engaged in this work than can be properly supervised.

03470 - TILT-UP PRECAST CONCRETE

3.1 Concrete shall attain a strength of 3000 PSI at 28 days. Cement shall conform to ASTM C-150, Type II at wall panels.

3.2 Provide 2-#5 bars around all openings extending 2'-0" beyond edges of opening, unless otherwise shown or noted.

3.3 All reinforcing steel, anchor bolts, dowels, and other inserts, shall be securely fastened in the forms before concrete is poured.

3.4 The Contractor shall provide safe and adequate braces and connections to support the panels until the structure itself, including the Roof Diaphragm, is complete enough to adequately support these panels.

3.5 Bond Breaking compound to be Silcoseal as manufactured by Non-Crete Chemicals, or approved equal, and shall be used between panels and casting slab.

3.6 Fill pits, holes and rock pockets with grout, rub with burlap, remove fins, and excessive ridges.

3.7 Wood ledgers anchored to concrete walls with anchor bolts shall be provided with standard cut washers.

3.8 All Tilt-Up panel reinforcing to be per plans. See Tilt-Up Panel elevations for reinforcing size and spacing. All nominal Vertical and Horizontal Reinforcing shall be ASTM A-615. Grade 60 for panel reinforcing. Grade 40 for all welded chord bars and all other welded steel.

3.9 Concrete Sub-Contractor shall check and verify all panel dimensions, ledger heights, anchor bolt locations and sizes, and opening sizes and locations for Tilt-Up Panels and architectural features prior to pouring concrete and shall be responsible for any errors. If any discrepancies appear on the plans, notify Banzuelo/Rierson/Duff, Inc.

03500 - LIGHTWEIGHT CONCRETE FLOOR FILL

3.1 Install "Elastizell" as manufactured by ELASTIZELL CORPORATION OF AMERICA, supplied by CELLCRETE CORPORATION, SAN GABRIEL, CALIFORNIA (213) 283-9246.

3.2 Apply asphalt saturated felt, 15 pound type, ASTM D226. (Do not use polyethylene or visqueen) to plywood deck with all edges lapped 6".

3.3 Nail plastic divider control joints to floor at doorways, offset walls and at 20 feet on center maximum to control cracking due to shrinkage. Use the type and configuration of control joint as recommended by the lightweight concrete manufacturer. The control joint shall extend the full depth of the floor slab and be provided with a flange designed for nailing to the plywood floor.

3.4 Provide and install hexagonal reinforcing mesh woven of 19 gauge G.I. wire with and additional 16 gauge galvanized longitudinal wire placed at every 3" interval of its width, Keydeck Style No. 2160-2-1619, or equal.

3.5 Applicator must examine the areas and conditions under which lightweight concrete floor fill is to be placed, and notify the Contractor in writing of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to applicator.

3.6 Oven-dry density of product at 28 days shall not be less than 105 pounds or more than 110 pounds per cubic foot and shall have a minimum of 1000 to 1200 psi compressive strength.

3.7 Three specimen test samples shall be made for each 5000 square feet and splitting tensile strength at 28 days shall not be less than 290 psi.

3.8 Field density tests for each 5000 square feet placed shall not vary more than 3 pounds per cubic foot from recommended density and the density at the point of discharge. Greater variation will require a modification in the design mix.

DIVISION 4 - MASONRY

04220 - CONCRETE UNIT MASONRY

4.1 Masonry units shall be Grade N-I units conforming to the latest A.S.T.M. Designation C-90 and in addition the requirements of the Quality Control Standards of the Concrete Masonry Association, manufactured by ORCO BLOCK, STANTON, CA. Size and type to be as indicated on drawings. Concrete masonry units to be grey color. Units and caps shall be grey color, produced from same plant and with same aggregate.

4.2 Portland Cement shall conform to A.S.T.M. Designation C-150. Use Type II for footings.

4.3 Mortar shall be freshly prepared and uniformly mixed in the ratio by volumes of 1 part cement, 1/2 part lime putty, 3 parts sand, and shall conform to A.S.T.M Designation C-270, type "M". If plastic type cement is used the lime putty shall be omitted. Mortar to match color of block.

4.4 Grout shall be of fluid consistency and mixed in the ratio by volumes, 1 part cement, 3 parts sand, or 1 part cement, 3 parts sand, 2 parts pea gravel.

4.5 Reinforcing steel shall be deformed bars conforming to A.S.T.M. Designation A-615 except that 1/4" ties may be plain bars. Wire reinforcement shall conform to A.S.T.M. Designation A82.

4.6 Construction shall be of the highest quality workmanship and all walls shall be laid true and plumb. Provisions shall be arranged for all adjoining construction. Tuck point all holes 1/8" or more.

4.7 Cutting of masonry units and cap units shall be done by machine cutting only.

4.8 All walls shall be solid grouted.

4.9 Babbit faced units may be used when entirely below grade, verify final grades with Civil Engineer and Landscape Architect.

4.10 At completion of masonry work, remove all debris and surplus masonry materials from premises and leave area acceptably clean.

4.11 The applicator shall be required to furnish the Architect with duplicates of invoices for material purchased for the project.

4.12 The applicator shall be required to furnish certification, co-signed by the General Contractor, which verifies the quantity of materials applied to the project and the method of application.

4.13 The applicator shall be required to file "Application for Guarantee" with the manufacturer, completing all information necessary to receive product performance guarantee.

DIVISION 5 - METALS

05120 - STRUCTURAL STEEL

5.1 Conform to Chapter 27, UBC and to AISC Specifications for the Fabrication and Erection of Structural Steel for Buildings, latest edition.

5.2 Shop Drawings shall be prepared and submitted for review to the Contractor and Architect prior to fabrication. One sepia set shall be included.

5.3 All welding shall be completed by certified welders approved by the Building Department and in conformance with the "Standard Code for Welding in Building Construction", latest edition and AWS D1.1, "Structural Welding Code".

5.4 Continuous inspection is required for structural welding unless performed in an approved fabrication shop.

5.5 Welding inspections shall be provided by fabricator.

5.6 Structural Steel: ASTM A-36. Standard Steel Pipe: ASTM A-53, Grade B. Bolts and Nuts: ASTM A-325 or ASTM A490. Anchor Bolts: ASTM A-307, Grade A. Tube Columns: ASTM A-500, Grade B.

5.7 Washers bearing against wood may be cut type.

5.8 Bolt holes shall be drilled or punched, accurately spaced per detailed drawings. No drifting or unfair holes will be allowed.

5.9 Transportation and handling of fabricated members shall be done with equipment of adequate size to perform the intended work safely. No member will be subject to damage that will impair its strength or accurate fit. Store material protected from physical damage and stacked in an orderly manner.

5.10 All erection shall be performed by experienced, skilled riggers.

5.11 Temporary bracing shall be designed by erectors to accommodate all construction loads, erection loads and stresses, dead and live loads and wind loads.

05500 - MISCELLANEOUS METALS

5.1 Custom fabricate ferrous metal items 16-gauge and heavier, finished as noted on drawings.

5.2 Submit shop drawings of metal fabrications.

a. Indicate profiles, sizes, connection attachments, reinforcing, anchorage, size and type of fasteners and accessories.

b. Indicate welded connections using standard AWS welding symbols. Indicate net weld lengths.

5.3 Integral anchors for securing wood nailers to steel beams and designated "Nelson Studs" on the drawings shall be threaded stud anchors "Nelson Stud Welding" or acceptable equal.

5.4 Anchors set in drilled holes in concrete for securing miscellaneous metal thereto, where shown or noted as "expansion bolts" shall be "Phillips Red Head", or "Wej-It".

5.5 Discrepancies and misfits due to errors in fabrication or to poor workmanship, or which prevent the proper erection of structural steel at the building site shall be corrected as required at no added cost.

5.6 Provide metalwork complete with necessary anchors, bolts, and other accessories. Connections and fastenings shall be adequate to resist design loads and of types suitable for the materials and conditions encountered and be included as required for the assembly and installation of the work.

5.7 Items specified to be galvanized shall be hot-dip galvanized after fabrication in accordance with ASTM A-123, or ASTM A-386, as applicable. Fabrication including operations such as shearing, punching, bending, forming or welding. Fabricate units complete, or in largest practicable sections before galvanizing. Components of bolted assemblies shall be galvanized separately before assembly.

5.8 Metal ladders, door jamb guards and trash enclosure gates shall be sizes as shown on the plans and as manufactured by CUNDIFF STEEL FABRICATING AND ERECTING CO., ORANGE, CA., (714) 637-2211.

5.9 Mechanical equipment screen shall be type and size as shown on drawings. Corrugated metal siding shall be manufactured by CURDECK, WHITTIER, CA., (213) 943-7703, Pattern No. 13R, primed for field painting.

5.10 Miscellaneous Metals: Detailed on the Architectural and Structural drawings, but not classified as principal structural steel.

5.11 All Other Items: Miscellaneous metal items, not specified or listed herein, not specified in other Sections or otherwise provided for, but indicated and required by the drawings.

DIVISION 6 - WOOD AND PLASTICS

06100 - ROUGH CARPENTRY

6.1 All wood framed construction shall conform to UBC Chapter 25. All lumber shall be grade stamped by an agency certified by the BOARD OF REVIEW of the AMERICAN LUMBER STANDARDS COMMITTEE and manufactured in accordance with Product Standard 20-70 as published by the Department of Commerce.

6.2 Lumber shall be S4S unless indicated on drawings or specifically required otherwise. See structural drawings for grade and species of all framing lumber.

6.3 Install treated lumber for plates, grounds, studs or other members within 6'-0 of ground surface when in contact with concrete or masonry, and those exposed to weather.

6.4 Comply with American Wood Preserver's Association Specification 50-d for preservative process. Treat with chromated zinc chloride, AWPA Specification 61-b, or "Wolman" salts AWPA Specification 61-b. Coat lumber surfaces cut after treatment, by dipping or brushing with preservative identical to original type used.

6.5 Each piece of treated lumber shall bear mark of an approved testing agency. Whenever necessary to cut, notch, drp or frame treated lumber, such newly cut surfaces shall be thoroughly painted with the preservative material used in the treatment of the lumber.

6.6 HANGERS, FRAMING ANCHORS, AND FASTENERS: Stamped and fabricated steel of the type indicated on drawings and required. Nails to be those furnished by manufacturer for this specific use. Nails shall be fully driven in holes in the anchor. "Simpson", "Teco", "Timtest", or "KC Metals" conforming to the requirements indicated on drawings, are acceptable. Purlin hangers shall provide the loads indicated in the Load Schedule for purlins. Hangers and anchors shall be galvanized or shop painted with rust inhibitive paint.

6.7 BOLTS, LAG SCREWS, AND WOOD SCREWS: Steel of standard manufacture, in accordance with Parts VI and VIII, NFPA National Design Specification. Galvanized bolts and lag screws and brass wood screws to be used when exposed on exterior lumber, unless otherwise required by Architect.

6.8 PLATE WASHERS: Standard steel plate washers for ledger bolts and as elsewhere required.

6.9 Structural members shall not be cut without the knowledge and consent of the Architect.

6.10 Roof sheathing: see Structural Drawings.

6.11 All Glu-Lam Beams shall be fabricated by a licensed fabricator and shall be accompanied by a certificate of inspection. Glu-Lam Beams shall be clearly identified.

6.12 Nailing shall conform to minimums of UBC Chapter 25.

6.13 Refer to Structural Specifications and most restrictive shall govern.

06115 - SHEATHING

6.1 All roof sheathing shall be per Structural Drawings and Specifications. Oriented strand board will not be allowed.

6.2 Edges of all openings through roof shall be nailed per boundary of plywood diaphragm nailing requirements.

6.3 Boundary nailing shall occur at building perimeter and all continuous panel edges.

6.4 Edge nailing shall occur at all other panel edges and along all Glu-Lam Beams, even across field.

6.5 Field nailing shall occur in field when not over a Glu-Lam Beam.

6.6 All tops of columns and walls shall be adequately braced by others until the roof [is] completely nailed in place.

6.7 Cleat unsupported edges of plywood at rafter spans greater than 8'-0". Use 3/4" x 3" D.F. plywood cleats with #10 x 1 1/4" F.H. wood screws spaced same as edge nailing for continuous joint nailing (if used).

6.8 Each panel shall be identified with the appropriate trademark of the American Plywood Association (APA), and shall meet the requirements of the latest edition of U.S. Product Standard PS1 or APA Performance Standards (PRP-108). Application shall be in accordance with recommendations of the American Plywood Association.

JAN 20 1989

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DEVELOPER:
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ARCHITECTURE / PLANNING
BANZUELO/RIERSON/DUFF
& ASSOCIATES, INC.

REVISIONS	BY

DATE 11-2-88
SCALE NONE
DRAWN JM
JOB 88-84
SHEET A-17
OF 20 SHEETS

6.1 SCOPE: This work includes the complete furnishings and installation of all TMI joists as shown on the drawings, herein specified and necessary to complete the work. Refer to structural drawings for further information.

6.2 The plywood web TMI joists are to be factory manufactured with structural grade plywood. MICRO-LAM or machine stress rated lumber flanges and utilizing waterproof type glue.

6.3 The plywood webs are to be an APA Structural I CD exterior grade with face veneers installed with grain running in the vertical direction of the joist and butt joined to form a continuous web member. The web shall be pressure forced and fit into a groove in the center of the wide face of the flange members so as to form a pressured glue joint at that junction.

6.4 The TMI joist shall be sized and detailed to fit the dimensions and loads indicated on the plans. All designs shall be in accordance with allowable values and section properties assigned and approved by the building code. Verification of design of the TMI joist by complete calculations must be available upon request.

6.5 Additional drawings showing layout and detail necessary for determining fit and placement in the building are to be provided by the manufacturer.

6.6 The TMI joist shall be manufactured in a plant approved for fabrication by the Building Code.

6.7 The TMI series joists stored prior to erection and shall be stored in a vertical position and protected from the weather. They shall be handled with care so they are not damaged.

6.8 The TMI's are to be erected and installed in accordance with the plans, any TMI JOIST drawings and installation suggestions. Temporary construction loads which cause member stresses beyond design limits are not permitted. Erection bracing in addition to specified bridging is to be provided to keep the TMI's straight and plumb as required to assure adequate lateral support for the individual TMI's and the entire system until the sheathing material has been applied. The contractor will give notification prior to enclosing the TMI's to provide opportunity for inspection of the installation.

06420 - FINISH CARPENTRY - CABINETS

6.1 All architectural casework as shown on drawings will be furnished by others. Casework to be installed per the latest edition of the "Quality Standards" of the Architectural Woodwork Institute.

6.2 The woodwork manufacturer must have a reputation for doing satisfactory work on time and shall have successfully completed comparable work.

6.3 Submit shop drawings or manufacturer's descriptive literature to Architect prior to the fabrication of any casework.

6.4 The woodwork manufacturer is responsible for details and dimensions not controlled by job conditions and shall show on his shop drawings all required field measurements [illegible]

[illegible]

pertinent codes and regulations, the original design, and the referenced standards.

7.10 On exterior walls below grade indicated on drawings, apply a "MONOFORM M-W-I" Waterproofing System as specified in the 1981 edition of the Flintkote Company Specifications Manual. The membrane shall be applied by an approved Flintkote Monoform Applicator using the Monoform Gun.

7.11 The wall surfaces shall be clean, smooth and firm. All cracks, voids, holes and depressions shall be carefully filled by the General Contractor with cement grout to provide a flush and solid surface with all projections removed.

7.12 In the event of discrepancy, immediately notify the Architect. Do not proceed with installation in areas of discrepancy until all such discrepancies have been fully resolved.

7.13 INSTALLATION

NOTE: The following is a guide list of materials for a 5-foot hydrostatic head.

Materials required per 100 square feet of area shall not be less than:

MONOFORM Compound FM-200 Primer (1 1/2 gal)	15 lbs.
1st Course MONOFORM Compound FM-200 (6 gal)	60 lbs.
MONOFORM Glass Reinforcement	2 lbs.
2nd Course MONOFORM Compound FM-200 (6 gal)	60 lbs.
MONOFORM Glass Reinforcement	2 lbs.
Approximate Total Weight (wet)	139 lbs.

Protective Course 1/2" "FLINTGLAS" Insulation Board is to be included as a part of materials required.

7.14 INSTALLATION OF MEMBRANE

A. Prime the concrete surfaces with a brush or spray coat of MONOFORM Compound FM-200, using one gallon per 100 square feet, thinned with not more than 20% cool, clean water and allow to damp dry.

B. Membrane Courses: The primed surface shall receive individual smooth, even spray applications of Summary of Materials. Application shall be with the MONOFORM Gun, with the glass cutter set for 3/4" length cuts. Allow each course to dry before starting succeeding course. Allow last course to dry thoroughly before protection course is installed.

C. Prior to application of the membrane courses reinforce all angles at footings, corners of offsets and around knock-out panels with an extra application of MONOFORM Compound and YELLOW JACKET Glass Fabric. Allow to tack dry before application of first course.

D. Any scaffolding required shall be furnished by the General Contractor.

7.15 Allow the membrane to dry thoroughly. The MONOFORM Applicator shall furnish and install 1/2" thick FLINTGLAS Insulation Board. The General Contractor shall furnish and install bracing necessary to hold panels in place during back-fill operations. The MONOFORM Applicator shall protect the Membrane System from damage during application and until finished work has been approved and accepted. The General Contractor shall furnish and maintain all pumping apparatus day and night to prevent any water contact with walls until Membrane is fully dry and accepted as finished work, before additional construction or membrane protection is started.

7.16 Depositing of back-fill shall be done in such a manner as to prevent injury to the finished work.

7.17 Adequately protect all work from damage by subsequent construction operations. Damaged work shall be refinished or replaced. The Contractor shall at all times keep the premises free from accumulation of waste materials and rubbish caused by his operation and employees by removing debris at least once a week. Upon completion of work, rubbish, excess materials and equipment are to be removed from the site, leaving the areas acceptably clean.

07150 - DAMPPROOFING

7.1 The work includes, but is not necessarily limited to, the furnishing and installing of vapor barrier dampproofing membrane under all interior concrete slabs on grade of the building as shown and noted on the drawings and specified herein.

7.2 Vapor barrier material shall be Sealtite's "Membrane Waterproofing", Rubber and Plastics Compound Company's "Barrier", or approved equal, polyvinyl chloride plastic membrane sheeting, 6 mils thick. Sheets shall be as wide as practicable for proper application which will result in the least number of laps.

7.3 Adhesive shall be "Lexsuco M-N, Type A" cement, "Nerva-Plast" cement, or approved equal, synthetic rubber base cement especially manufactured for use with polyvinyl chloride membrane material for cold application. Asphaltic base adhesives will not be accepted.

7.4 Tape for the sealing of laps and joints shall be a pressure-sensitive neoprene or vinyl-chloride rubber adhesive tape as recommended by the manufacturer of the vapor barrier material or a canvas or cotton cloth-backed masking tape, at the Contractor's option. Tape shall be a minimum of 3 inches wide.

7.5 Vapor barrier sheets shall be laid directly over the compacted gravel or rock fill just before sand cushion is placed and concrete is poured, and shall be carefully installed to avoid puncture or tear. Punctures and tears occurring during subsequent operations shall be patched. Edges shall be lapped not less than 4 inches and end joints shall be lapped not less than 6 inches, with all laps continuously sealed with tape. Barrier shall be carried over any pipes laid on the fill and shall be sealed in waterproof manner to any pipes or conduits which penetrate the fill. Membrane shall be turned up a minimum of 2" at the edges and secured to exterior wall foundations or footings, with specified adhesive. Vapor barrier shall be applied to walls, where required, with the same specified adhesive. The piercing of stakes through vapor barrier membranes for screeding of concrete slabs will not be permitted.

07210 - INSULATION

7.1 INSULATION: Comply with all applicable regulations of the state energy regulations.

7.2 Provide R-19 Type III insulation at roof areas. Insulation to be wired to roof framing members. Completely enclose heated portions of building. Place vapor barriers on warm side of wall.

7.3 Insulate walls between rooms where indicated on drawings. Insulate between jambs and framing, behind header joints, and above access panels.

7.4 Provide Insulation Compliance Card and post at conspicuous location within building. File copy with the local building official.

7.5 Sound insulate all toilet room walls with unfaced full batt insulation.

7.6 All exposed fiberglass insulation shall have a flame

07510 - BUILT-UP ROOFING

7.1 Furnish and install roofing and waterproofing work complete including cant strips and incorporating other trades, flashing sleeves and jacks.

7.2 Roofing shall meet Underwriters Laboratories Class "B" Standards as a fire retardant roofing assembly as per UBC 3203 and Table 32-B.

7.3 Weight of roofing assembly shall not exceed 350 lbs. per 100 square feet.

7.4 Roofing shall not be started until all prefabricated mechanical equipment bases are in place, complete with all utility service stub ups and condensate drains installed and flashed.

7.5 Base sheets shall be nailed using not less than one fastener per one (1) square foot on plywood decks. Ribbon or spot mopping with asphalt will not be allowed.

7.6 Built-up roofing to be Conglas NO-14-CAP as manufactured by CONSOLIDATED FIBER GLASS PRODUCTS CO. INC., 1311 South Anaheim Blvd., Suite D, Anaheim, Ca 92805, (714) 776-0311, or an equal approved in writing by the Architect. Submittals made after bid opening will not be considered.

7.7 Summary of Materials per 100 square feet:

Conbase Type W-1 IV	23 lbs.
Conply Type A IV	11 lbs.
Asphalt Ply	30 lbs.
Asphalt Surface (steep)	25 lbs.
Concap	78 lbs.

7.8 For staple and tape applications of base sheets, apply tape over each lap and in rows down center of sheet. Tape shall be spaced 12" o.c. Staple tape 9" on center or per manufacturer's requirements. Approved manufacturers and systems are the Bostitch Hi-Pro fastening system for built-up roofs and the Berryfast Tape Fast system. Staple and tape application shall be per Factory Mutual 1-90 staple requirement. Rows of tape shall be spaced 6" on center, 8 feet in from all parapet walls.

7.9 Conbase W-1 shall be applied with 2" side laps and 4" end laps. Extend 2" above top of cant and mechanically fasten per 7.8 above.

7.10 Embed one ply of Conply U-Ply IV or A IV in shingle fashion, lapping 19" into uniform solid moppings of hot asphalt, using a nominal 30 lbs. per 100 square feet per ply. Extend plies 2" above top of cant. Use proper width starter sheets to ensure 2-ply coverage throughout. Embed an extra layer of Conply U-Ply IV into a nominal 30 lbs. per 100 square feet mopping of hot asphalt. Extend from a point 8 to 10 inches above deck down wall and face of cant onto deck 4".

7.11 Embed 12 foot or 8 foot lengths of Concap into a uniform solid mopping of hot steep asphalt, using not less than 25 lbs. per 100 square feet. Concap side laps shall be at least 12" from bottom sheet side laps. Concap shall be set neatly in place with a 2" wide lap and a 4" end lap. Adjacent end laps shall be at least 3 feet apart. There must be complete contact between Concap and the mopping asphalt. Install one layer of Concap from a point 8 to 10 inches above deck down wall and face of cant 6" on to deck. Mechanically fasten 6 to 8 inches on center. Three courses top edge of base flashing system.

7.12 Three hundred lbs. of gravel per 100 square feet shall be placed a minimum of three (3) feet wide into hot steep asphalt in valleys and waterways as indicated on roof plans. Bitumen shall be air blown roofing grade asphalt as manufactured by Trumbull or Pioneer manufacturing companies.

7.13 Application shall be by current manufacturer's specifications.

7.14 Roofing contractor shall insure a two-year watertight guarantee to the owner. Guarantee shall include labor and material necessary to maintain the roof in a watertight condition.

7.15 Nail cant strips 12" on center and at both ends with nails large enough to penetrate the roof sheathing.

7.16 Install built-up (NO-14-CAP) roofing under sheet metal curbing at all roof equipment platforms.

7.17 Prime (Conprime) the areas to receive Conform (granulated) with one (1) gallon primer per 100 square feet and allow to dry thoroughly. Do not apply if primer has not dried thoroughly. Do not dilute or thin primer; apply full strength.

7.18 Install Conform (granulated) per manufacturer's recommendations. The edges of Conform are the most important areas to treat. Do not apply when ice, water or snow is present. Install at all panel joints using hot asphalt applied at a nominal rate of 25 lbs. per 100 square feet.

7.19 Provide and install one (1) 18" wide strip of Conform (granulated), centered on panel joint. Install on a uniform mopping of hot asphalt applied at a nominal rate of 25 lbs. per 100 square feet. Extend from the top of concrete parapet down to bottom of cant strip. Mechanically fasten 4" on center at top edge.

7.20 Concrete Parapet Walls: Provide and install 1U-2 detail "Emulsion Coatings on Walls" with Conphoric elastomeric flashing compound. Install plain non-granulated Conform to panel joints per 1U-3 detail roofing, prior to applying CC-20 Fibered Emulsion per 1U-2 detail.

7.21 Wood Parapet Walls: Provide and install CO-9 detail modified, wood wall with panelized roof. Add one ply of Conply A-IV over Conbase W-1 IV prior to applying Concoat CC-20 Emulsion per 1U-2 detail items 5 & 6.

7.22 Contractor shall be responsible for scheduling a pre-job conference a minimum of 48 hours prior to commencing work. The following parties are required to attend: Roofing Contractor, Contractors Foreman and Superintendent, Manufacturers Representative, and Owners Representative.

7.23 All work shall be inspected by the manufacturer for compliance with manufacturer general requirements. All work shall be done in the presence of continuous inspection by a representative of the Owner. Inspector will observe all phases of the work and provide written reports on a daily basis indicating compliance or deviation from specifications. Corrective action for any deviation shall be accomplished in a manner prescribed by the manufacturer.

7.24 One test cut shall be taken for each 100 squares of roofing area. Test cuts shall be taken at random at owners discretion. Test cuts shall be taken prior to final surfacing and forwarded to a qualified testing laboratory for analysis. Test results shall be provided prior to final surfacing with corrective action for any deteriorate accomplished in a manner prescribed by the manufacturer.

7.25 THE MECHANICAL FASTENING OF ROOFING TO MEET FACTORY MUTUAL 190 WIND LOAD CRITERIA.

07600 - FLASHING AND SHEET METAL

7.1 Furnish and install sheet metal work complete, including flashing, roof parapet caps, gravel stops, misc. vents, etc., except as noted. Provide sheet metal flashings at all roof penetrations.

7.2 All sheet metal shall be 24 gauge galvanized unless otherwise noted. G.I. flash all intersections between roofs and vertical walls including valleys, in accordance with UBC Section 1707.

7.3 Comply with "Architectural Sheet Metal Manual" by Sheet Metal and Air Conditioning Contractor's National Association (SMACNA), for each category of work required.

7.4 Before installing sheet metal verify shapes and dimensions of surface to be covered.

[illegible]

JAN 20 1989

Kaminari
#15 ARGONAUT DRIVE
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DEVELOPER:
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ARCHITECTURE
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.

REVISIONS	BY
BLDG. DEPT	△

DATE	11-2-88
SCALE	NONE
DRAWN	JW
JOB NO.	88-84
SHEET	A-18
OF 20	SHEETS

[illegible]

15.5 Installation of light fixtures and air diffusers by others. Remove filler pieces as required to accommodate air diffusers and air returns. Refer to Mechanical and Electrical Drawings for sizes and locations. Coordinate the [illegible] Diffusers with the Mechanical Contractor.

13.6 Panel splices shall occur in every other panel and in a straight line. Ceiling shall be set true & level. The installation shall not deviate by more than 1/8" over the entire installation.

DIVISION 14 - CONVEYING SYSTEMS (not required)

DIVISION 15 - MECHANICAL

15000 - BASIC MECHANICAL MATERIALS AND METHODS

15.1 All work and materials shall be in full accordance with the latest Federal, State Uniform Codes and local rules and regulations, State Fire Marshal regulations, the safety orders of the Division of Industrial Safety, the National Electric Code, the Standards of the National Fire Protection Association and other applicable laws, codes or regulations. Nothing in these plans or specifications shall be construed to permit work not conforming to these codes.

15.2 Contractor shall provide, procure and pay for all permits, licenses, certifications, inspections, etc., required to carry and complete the work.

15.3 No additional costs to the contract will be considered for work which must be relocated due to conflicts between work of different sections.

15.4 Interruption of any existing services shall be kept to a minimum.

15.5 Motors, electrical apparatus and wiring specified in this section shall conform to the National Electric Code and bear Underwriters' label of approval.

15.6 The Contractor shall place any sleeves, chases, concrete inserts, anchor bolts, etc., before concrete is poured, and shall be responsible for the correct location and installation of all these items.

15.7 Sleeves and chases are prohibited in any structural member, except where approved by the Architect, in writing.

15.8 Piping in any partitions, through plates, studs, etc., shall have sufficient clearance from the structure to all for expansion and contraction of the piping. No bare piping shall touch wood, concrete, etc., at any time.

15.9 Automatic temperature control device for regulation of space temperature shall be capable of being set from 55 to 85 F, and have the ability to operate the heating and cooling in sequence, if both are provided. Control shall be adjustable to provide a range up to 10 F between full cooling, and have the capability of terminating all heating at a temperature no more than [illegible] F, and cooling temperature not less than 78 F.

15.10 A maintenance label shall be affixed to mechanical equipment and a maintenance manual shall be provided for the owner's use (Standard T20-1517).

[illegible]

DIVISION 16 - ELECTRICAL

[illegible]

JAN 20 1989

64618

REVISIONS	BY

ARCHITECTURE / SPACE PLANNING
BANZUELO / RIERSON / DUFF & ASSOCIATES, INC.

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Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE 11-2-88
SCALE
DRAWN JR
JOB 88-64
SHEET A-19
OF 22 SHEETS

STATE OF CALIFORNIA HANDICAP REQUIREMENTS

SITE ACCESS

SITE DEVELOPMENT AND FACILITIES

1. New Buildings and Facilities

A. Site development and grading are required to be designed to provide access to primary entrances and to normal paths of travel. [illegible]

B. [illegible]

C. [illegible]

PARKING

1. New Buildings and Facilities

[illegible]

CURB RAMPS

[illegible]

RAMPS

[illegible]

BUILDING ACCESS

DOORS AND ENTRANCES

1. Doors

A. Entrances: All primary entrances to buildings and facilities are required to be made accessible.

B. Door Widths and Heights: Required exit doorways are required to have a clear opening not less than 32 inches wide. For hinged doors, the opening is measured with the door at a 90 degree angle from its closed position. Door heights are required to be a minimum of 80 inches.

C. Construction: The bottom 10 inches of doors, except automatic and sliding doors, are required to have a smooth uninterrupted surface to allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition.

2. Hardware

A. Hardware: Hand activated door opening hardware is required to be centered between 30 and 44 inches high. Latching and locking doors that are hand activated and which are in a path of travel have to operable with a single effort by lever type hardware, by panic bars, push pull activating bars, or other hardware designed to provide passage without requiring the ability to grasp the opening hardware. Locked exit doors are required to operate as described above in the direction of egress.

B. Closers: The maximum effort to operate doors cannot exceed 8.5 pounds for exterior doors and 5 pounds for interior doors. Required fire doors may require up to 15 pounds pressure. The pressure is to be measured at right angles to hinged doors and at the center plane of sliding or folding doors. Compensating devices or automatic door operators may be utilized to meet the requirements.

C. Thresholds: Thresholds are required to be no more than 1/2 inch high. Bevel or slope the exposed edge at an angle not exceeding 45 degrees so that no single vertical change of elevation exceeds 1/4 inch.

PROTRUDING OBJECTS

1. Objects with their leading edges between 27 inches and 80 inches from the floor cannot protrude more than 4 inches into walks, halls, corridors, passageways or aisles. Objects with their leading edges within 27 inches of the floor may protrude any distance, but may not reduce the required clear space or maneuvering space for a wheelchair.

A. Free standing objects mounted on posts or pylons may overhang 12 inches from 27 inches to 80 inches above the floor.

B. Headroom: 80 inches clear is required for head room in walks, halls, corridors, passageways, aisles and other circulation spaces.

SIGNS AND IDENTIFICATION

1. New Buildings and Facilities: Accessible building entrances are required to be identified with at least one standard sign and additional directional signs, as required, to be visible to persons along approaching pedestrian ways. The International Symbol of Accessibility is required to identify facilities that are accessible. The symbol is a white figure on a blue background.

A. Characters: Letters and numbers on signs are to have a width to height ratio of between [illegible] and [illegible] and a stroke width to height ratio between [illegible] and [illegible]. When raised or recessed characters or symbols are used they are to be raised or recessed a minimum 1/32 inch and are to be sans serif type. Raised characters are to be at least 5/8 inch high and recessed characters and symbols are to have a 1/4 inch minimum stroke width.

B. [illegible]: Characters and symbols are required to contrast with their background.

C. Rest Room Signs: On doorways leading to men's sanitary facilities provide a 1/4" thick equilateral triangle with edge 12 inches long and the vertex pointing upward. Provide a 1/4 inch thick, 12 inch diameter circle on women's sanitary facilities. The symbols are to be centered on the door 60 inches above the floor and are to be distinctly different from the door in color and contrast.

CONTROLS, SWITCHES AND OUTLETS

1. New Construction: Manually operated switches and controls for lights, power, heat, ventilation, windows, draperies, fire alarms and similar controls of frequent and essential use are to be centered between 36 inches and 48 inches from the floor.

A. Electrical receptacle wall outlets are to be centered a minimum of 12 inches from the floor. Electrical convenience floor outlets and baseboard electrical outlets used in relocatable partitions or movable walls are not subject to the minimum height requirements.

SANITARY FACILITIES

SANITARY FACILITIES

1. New Buildings and Facilities: Sanitary facilities that serve accessible buildings or facilities, or accessible portions of buildings or facilities, are required to be accessible.

A. Where separate facilities are provided for nonhandicapped persons of each sex, separate facilities are required for handicapped persons of each sex. Where unisex facilities are provided for the nonhandicapped, such unisex facilities shall be provided for the handicapped.

B. Sanitary facilities located on accessible floors are required to be accessible.

2. Entry to Sanitary Facilities: Provide doorways into sanitary facility with a 32 inch clear opening width, and a clear level area on both sides of the door opening. Provide 60 inches on the swing side of the door, measured at right angles to the opening, and 44 inches where the door swings away from the area. Standard restroom identification signs (circle and triangle) shall be put on the restroom door. See details on drawings.

3. Multiple Accommodation Toilet Facilities:

A. Definitions: A room that has more than 1 sanitary fixture, is intended for the use of more than one person at a time, and which usually is provided with privacy compartments or screens shielding some fixtures from view. Private toilets in small offices, stores, and similar locations are not included in this category.

B. Turn Around Space: Provide a clear space measured from the floor to a height of 27 inches of sufficient size to inscribe a 60 inch diameter circle, or clear space 56 inches by 63 inches in the room. Doors, other than to the handicapped toilet compartments, may encroach into this space no more than 12 inches.

C. Handicapped Compartment: Equip the door into the stall with an automatic closing device and provide a clear opening width of 32 inches when located at the end of the stall or 34 inches when located at the side of the stall. Provide a 44 inch wide clear path to the stall and a 48 inch space in front of the compartment door, measured at right angles to the door. The water closet fixture in the compartment is required to have a 32 inch wide clear space from a wall, or a 28 inch wide clear space from a fixture, and a 48 inch long clear space in front of the water closet. If the compartment door is on the side wall, at least 60 inches is required in front of the water closet. Grab bars cannot project more than 3 inches into the clear space.

4. Single Accommodation Toilet Facilities:

A. Definitions: A room that has not more than one of each type of sanitary fixture, is intended for use by only one person at a time, has no partition around the toilet, and has a door that can be locked by the room occupant.

B. Sufficient space is required in the toilet room for a wheelchair measuring 30 inches wide by 48 inches long to enter the room and permit the door to close. Locate the water closet fixture in a space which provides a 28 inch wide clear space for a fixture, or a 32 inch wide clear space from a wall at one side, and 48 inches clear in front of the water closet.

5. Grab Bars: Locate grab bars on each side for one side and the back of the water closet, 33 inches above and parallel to the floor. Grab bars at the side are to be at least 42 inches long with the front end positioned 24 inches in front of the water closet. Grab bars at the back cannot be less than 36 inches long. The diameter or width of the gripping surface is required to be 1-1/4 to 1-1/2 inches, or the shape is to provide an equivalent gripping surface. If grab bars are mounted adjacent to a wall, the space between the wall and the grab bars is to be 1-1/2 inches.

6. Toilet Room Fixtures and Accessories:

A. Water Closets: The height is required to be a minimum of 17 inches and a maximum of 19 inches measured to the top of the seat. Flush controls are to be operable by a oscillating handle with a maximum operating force of 3 pounds or by a remote low voltage button. The handle or button is to be located so that it is operable without requiring excessive body movement.

B. Urinals: Provide stall-type or wall hung urinals with an elongated rim at a maximum height of 17 inches. Flush controls are to be hand operated, are to meet the same requirements as the flush controls for the water closet, and are to be no more than 44 inches above the floor. Provide a clear space 30 inches by 48 inches in front of the urinals.

C. Lavatory: Provide a clearance of at least 29 inches from the floor to the bottom of the apron with knee clearance under the front lip extending a minimum of 30 inches wide with 8 inches minimum depth at the top. Provide toe clearance at least 30 inches wide to 9 inches above the floor and 17 inches deep from the front of the lavatory. No height limitations are specified for the top of the lavatory, but 34 inches is recommended.

1) Provide a clear floor space 30 inches by 48 inches in front of the lavatory. The clear space may extend into knee and toe space underneath the lavatory.

2) Insulate or cover hot water and drain pipes under lavatories. No sharp or abrasive surfaces are allowed under lavatories.

3) Faucet controls and operating mechanisms are required to be operable with one hand and cannot require grasping, pinching or twisting of the wrist. The force required to activate controls is not to exceed 5 pounds. Lever-operated, push type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.

D. Accessories: Where towels, sanitary napkin and waste receptacles and similar dispensing and disposal fixtures are provided, at least one of each type is to be located with all operable parts, including coin slots, within 40 inches from the floor.

1) Mount mirrors with the bottom edge no more than 40 inches from the floor.

2) Locate toilet tissue dispensers on the wall within 12 inches of the front edge of the toilet seat.

7. Water Fountains (Where Applicable)

A. The drinking fountain is to be a minimum of 18 inches [illegible] and is to have a clear space under the fountain 27 inches high and 18 inches deep, measured from the front edge. The bubbler can be activated by a hand-operated lever located within 6 inches of the front of the fountain, by a push bar along the front of the fountain, or by another approved control easily operated by a handicapped person. The bubbler outlet is to be located within 6 inches of the front of the fountain and within 36 inches of the floor. The water stream is to be parallel to the front edge of the fountain.

B. Drinking fountains (water fountains) are to be located within alcoves or positioned so as not to be in a corridor or walk. The fountain is required to be [illegible] from the front. When the enforcing agency allows an unreasonable hardship, drinking fountains may be located in a path of travel. These fountains must have a textured area for 1 foot around the fountain, or wing walls on each side of the fountain.

C. The fountain alcove is required to be at least 32 inches wide and 18 inches deep.

D. The textured surface is to be clearly identifiable by a blind person using a cane. Lacking any further definition, it would seem appropriate to use this only over concrete or hard surfaces which can be grooved similar to [illegible], with 1/4 inch grooves, 1-1/2 inches on center.

E. The wing walls are required to protect as far as the drinking fountain, to have at least 32 inches clear between walls, and to be within 6 inches of the floor.

FIRE PROTECTION NOTES

1. Refer to DIVISION 15 - MECHANICAL, 15300 - FIRE PROTECTION for additional notes not shown in this section.

2. Fire Department final inspection required. Schedule all inspections 24 hours in advance. Phone [illegible]

3. Fire extinguishers shall be provided. Type, location and number to be determined by fire inspector. Refer to DIVISION 10 - SPECIALTIES, 10520 - FIRE EXTINGUISHERS for additional notes.

4. [illegible] not approved for high pile combustible stock. Storage of closely packed piles shall not exceed 15 feet in height, 12 feet on pallets or in racks, and 6 feet for tires, plastics and some flammable liquids. If high stock piling is to be done, comply with Uniform Fire Code, Article 81 or 81.

5. Plans of combined fire sprinkler and fire hydrant systems shall be approved by the Fire Department prior to installation of systems.

6. Fire flow: [illegible] for 3 hours from 2 hydrants.

7. Storage, dispensing or use of any flammable or combustible liquids, flammable gases and hazardous chemicals shall comply with Uniform Fire Code regulations.

8. Fire sprinkler systems shall be supervised by a U.L. listed central alarm company.

SECURITY REQUIREMENTS

1. [illegible]

2. [illegible]

3. [illegible]

4. Double doors shall have an astragal constructed of steel [illegible]

5. Any glazing utilized within twelve (12) inches of any locking mechanism on a door, other than a double cylinder deadbolt, shall be secured as follows:

A. Fully tempered glass or rated burglary resistant glazing.

6. Aluminum frame swinging doors shall conform to the following:

A. The jamb shall be so constructed or protected to withstand 1600 pounds of pressure in both a vertical distance of three (3) inches and a horizontal distance of one (1) inch each side of the strike, so as to prevent violation of the strike.

B. The bolt projection shall be a minimum of one and one-half (1-1/2) inches, or a hook shaped or similar bolt may be used so long as it engages the strike sufficiently to resist jamb spreading.

7. Exterior transoms or windows shall be deemed accessible if less than twelve (12) feet above ground or adjacent to any pedestrian walkway. Accessible windows and transoms not visible from a public or private thoroughfare and having a pane or opening exceeding ninety-six (96) square inches shall be protected or protected as follows:

A. Fully tempered or rated burglary resistant glazing shall be used.

8. Roof coverings or skylights shall be secured as follows:

A. Skylights shall be rated burglary resistant.

9. All hatchway openings on the roof of any building used for business purposes shall be secured as follows:

A. The hatchway shall be secured from the inside with a slide bar or slide bolt.

B. Outside hinges on all hatchway openings shall be provided with non-removable pins and shall use non-removable screws for mounting.

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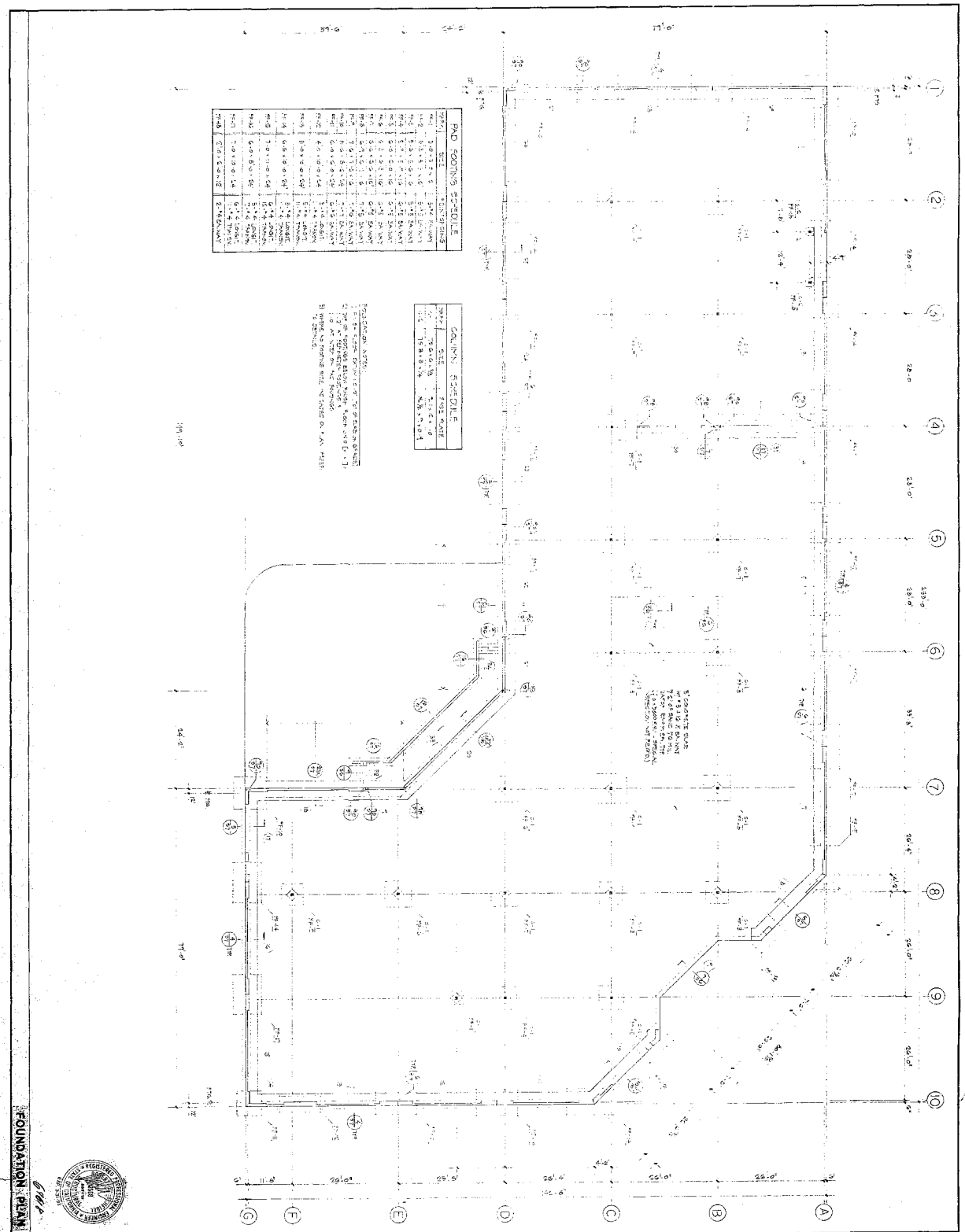
REVISIONS	BY

ARCHITECTURE / LAND PLANNING
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7854

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE 11-2-88
SCALE NONE
DRAWN JM
JOB 88-84
SHEET A1-20
OF 20 SHEETS



FOUNDATION PLAN

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
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Schelbel/Dyer Associates, Inc.
Structural Engineers
1300 West Ave., Suite 210 Newport Beach, CA 92660
(714) 754-1788

ARCHITECTURE LAND PLANNING
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.
4501 EAST LA PALMA AVENUE SUITE 202
ANAHEIM, CA. 92807-1903 (714) 777-0660

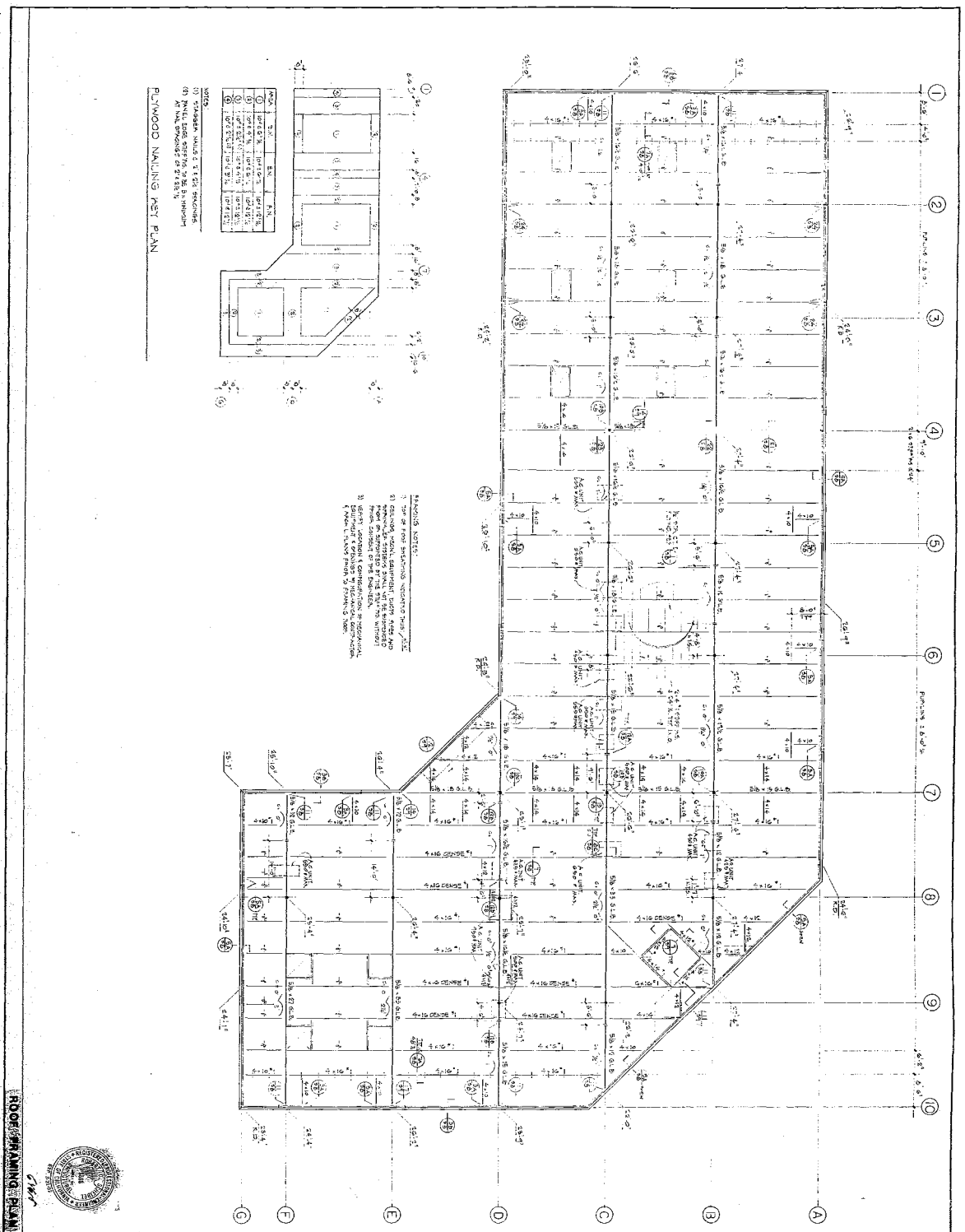
Kaminari
#75 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DEVELOPER:
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4350 VON KARMAN
NEWPORT BEACH, CA. 92660
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Schetbell/Dyer Associates, Inc.
Structural Engineers

ARCHITECTURE
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.
1501 EAST 17th PLAZA AVENUE
ANAHEIM, CA. 92807-1907

LAND PLANNING

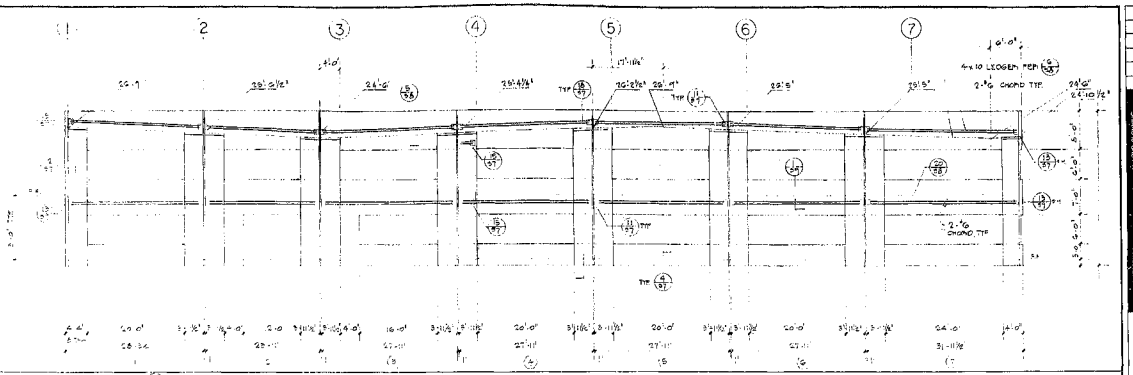


Kaminari
175 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

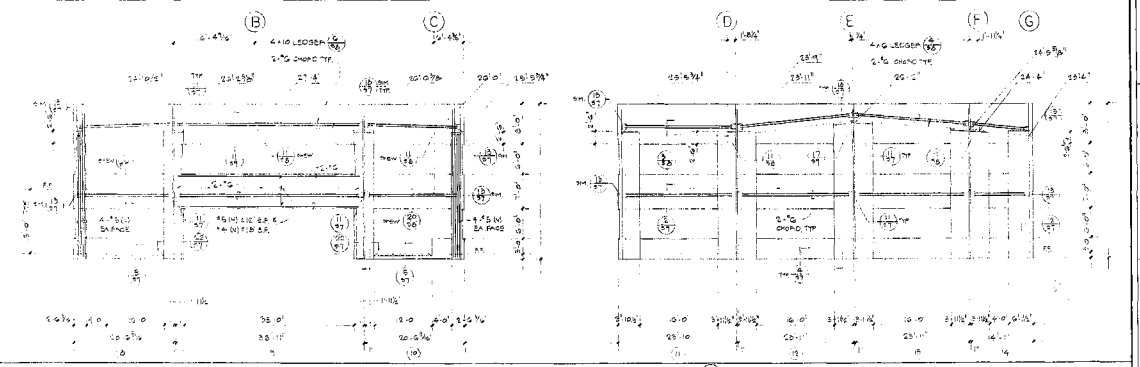
DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714)833-2000 FAX (714)833-7854

Schelbelt/Dyer Associates, Inc.
Structural Engineers
3300 Irvine Ave., Suite 240 Newport Beach, CA 92660
(714) 756-1545

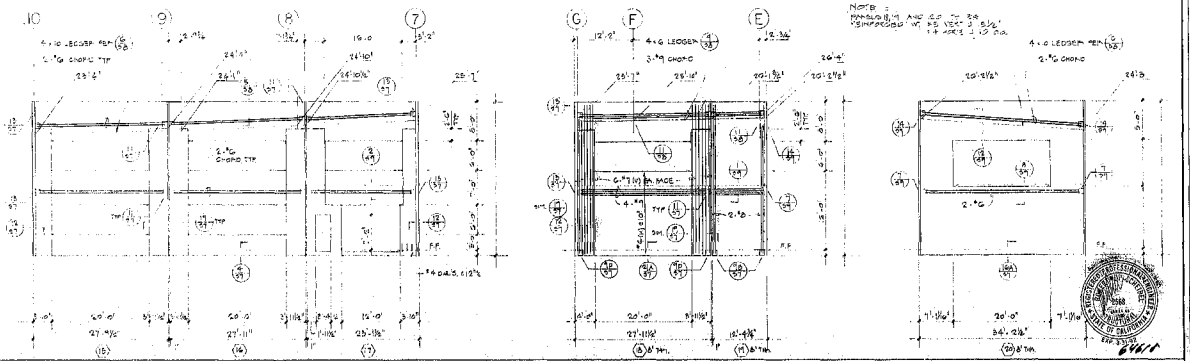
ARCHITECTURE
BANZUELO/RIERSON/DUFF
& ASSOCIATES, INC.
450 EAST LA PALMA AVENUE
ANAHEIM, CA 92801-1907



GRID LINE (A)



GRID LINE (10)



GRID LINE (G) GRID LINE (7)

PANEL ELEVATIONS

ARCHITECTURE:
BANZUELO/RIERSON/DUFF & ASSOCIATES, INC.
4301 GREAT LA SIERRA AVENUE SUITE 270
RIVERSIDE, CA. 92507-7001 TEL 777-0665

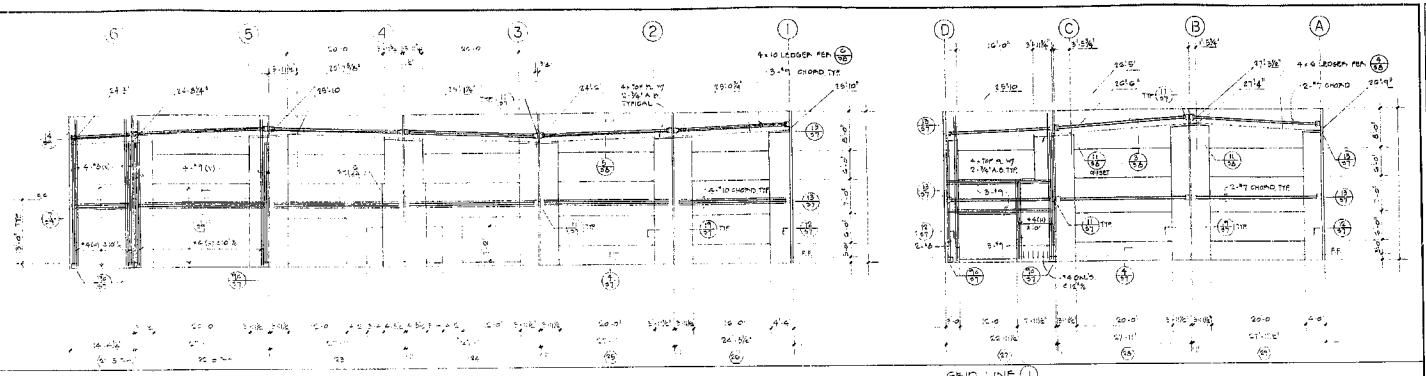
STRUCTURAL ENGINEERS:
Schellenger Associates, Inc.
Structural Engineers
3300 Irvine Ave., Suite 220, Newport Beach, CA 92660
(949) 756-1566

DEVELOPER:
KAMINARI BUILDING PARTNERS
ATTN: KOJI KAMINARI
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7884

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

REVISIONS | BY

DATE
SCALE 1/8"=1'-0"
DRAWN STAMBER
JOB
SHEET
OF SHEETS



PANEL NOTES:

1. CONCRETE PANEL THICKNESS TO BE 6" MIN (W/ 1 1/2" & 1" REVEALS) UNLESS OTHERWISE NOTED.
2. SEE DETAIL 1/S7 FOR TYPICAL REINFORCEMENT AND CONFIGURATION. SEE DETAIL 2/S7 & 3/S7 FOR LOCATION OF REINFORCING IN PANEL.
3. ALL PANEL DIMENSIONS ARE GIVEN TO ASSIST CONTRACTOR ONLY. IT IS THE RESPONSIBILITY TO REVIEW & COORDINATE ALL CONDITIONS W/ ASSOCIATED DRAWINGS BEFORE ANY CONSTRUCTION. NOTIFY ARCHITECT & ENGINEER OF ALL DISCREPANCIES.
4. VERIFY W/ ARCH'L PLANS ALL TEXTURED REVEALS OR BLOCKOUTS REQUIRED TO BE CAST INTO CONCRETE
5. ALL WELDED REPAIR TO BE GRADE 60 OR A706 GRADE.
6) TOP OF PIER & SEATING NOTED THUS ▽ T.O.P.
7) PANEL CONCRETE STRENGTH SHALL BE f'c= 5000 P.S.I.

PANEL ELEVATIONS

ARCHITECT: MANZUELO/RIERSON / DUFF & ASSOCIATES, INC. 1000 SIERRA PLACE, SUITE 205, LOS ANGELES, CA 90015 (213) 747-4666

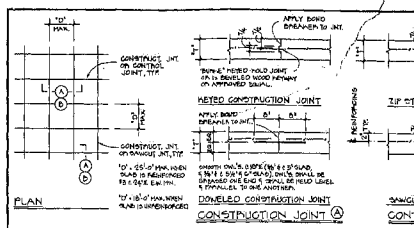
Southerling Associates, Inc. Structural Engineers 1300 Third Ave., Suite 201, Chula Vista, CA 91911 (619) 734-7788

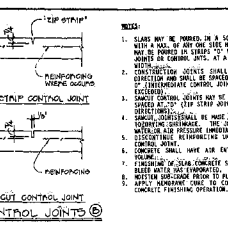
DEVELOPER: KAMINARI BUILDING PARTNERS 1000 QUAIL STREET, SUITE 200 NEWPORT BEACH, CA. 92660 (714)833-2060 FAX (714)833-7854

Kaminari #15 ARGONAUT DRIVE ALISO VIEJO, CALIFORNIA

DATE
SCALE 1/8"=1'-0"
DRAWN STANGER
JOB
SHEET S1-1
OF SHEETS

REVISIONS | BY

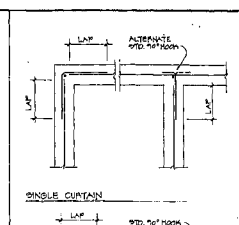




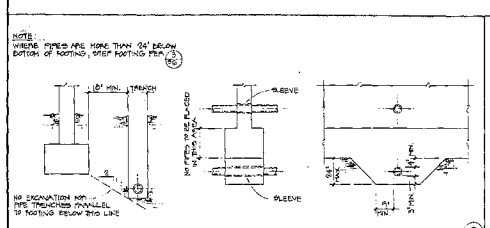
NOTES:

1. SLABS MAY BE POURED IN A SQUARE "CHECKERBOARD" MANNER WITH A MAX. OF ANY ONE SIDE NO GREATER THAN "D" OR SLABS MAY BE POURED IN STRIPS "D" WIDE MAX. WITH CONSTRUCTION JOINTS OR CONTROL JNTS. AT A SPACING EQUAL TO THE STRIP WIDTH.
2. CONSTRUCTION JOINTS SHALL OCCUR IN AT LEAST ONE DIRECTION AND SHALL BE SPACED NO FURTHER APART THAN 50'-0" (INTERMEDIATE CONTROL JOINTS SHALL OCCUR WHEN "D" IS EXCEEDED).
3. SAWCUT CONTROL JOINTS MAY BE USED IN BOTH DIRECTIONS AND SPACED AT ½"D" (ZIP STRIP JOINTS MAY NOT BE USED IN BOTH DIRECTIONS).
4. SAWCUT JOINTS SHALL BE MADE SAME DAY AS POUR AND PRIOR TO DRYING SHRINKAGE. THE JOINT SHALL BE FLUSHED WITH WATER OR AIR PRESSURE IMMEDIATELY AFTER SAWING.
5. DISCONTINUE REINFORCING UNDER ANY CONSTRUCTION OR CONTROL JOINT.
6. CONCRETE SHALL HAVE AIR ENTRAINMENT OF 2% TO 3% BY VOLUME.
7. FINISHING OF SLAB CONCRETE SHALL BE DONE AFTER SURFACE BLEED WATER HAS EVAPORATED.
8. MOISTEN SUB-GRADE PRIOR TO PLACING CONCRETE.
9. APPLY MEMBRANE CURE TO CONCRETE IMMEDIATELY AFTER CONCRETE FINISHING OPERATION.

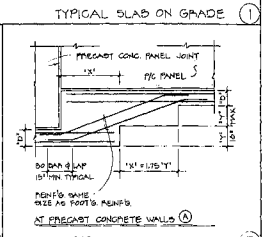
TYPICAL SLAB ON GRADE (1)



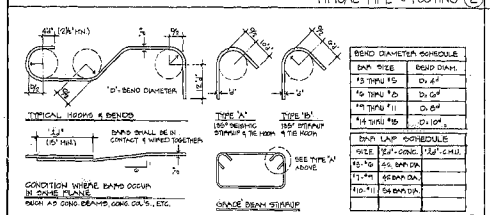
TYP REBAR LAPS & INTERSECTIONS (4)



TYPICAL PIPE & FOOTING (2)



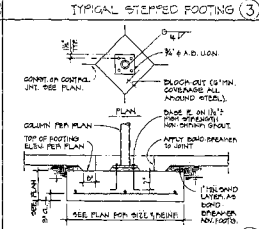
TYPICAL STEPPED FOOTING (3)



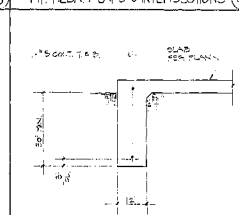
BEND DIAMETER SCHEDULE	
BAR SIZE	BEND DIAM.
#3 THRU #5	D= 6"
#6 THRU #8	D= 8"
#9 THRU #11	D= 8"
#14 THRU #18	D= 10"

BAR LAP SCHEDULE			
SIZE	12"-CONC.	12"-CMU	
#3-#6	AS BAR DIA.		
#7-#9	48 BAR DIA.		
#10-#11	56 BAR DIA.		

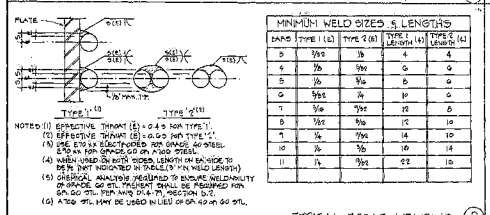
TYPICAL REBAR HOOKS, LAPS & BENDS (5)



TYPICAL COLUMN & FOOTING (6)



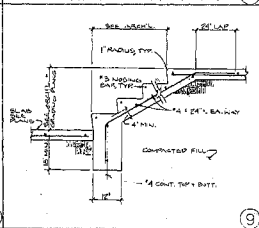
(7)



NOTES: (1) EFFECTIVE THROAT (E) = 0.49 D FOR TYPE '1'.
(2) EFFECTIVE THROAT (E) = 0.70 D FOR TYPE '2'.
(3) USE E70 XX ELECTRODES FOR GRADE 60 STEEL E70 XX FOR GRADE 50 OR A500 STEEL.
(4) WHEN USED ON BOTH SIDES, LENGTH IN EACH SIDE TO BE AS SHOWN INDICATED IN TABLE (3" MIN WELD LENGTH)
(5) CHEMICAL ANALYSIS REQUIRED TO ENSURE WELDABILITY OF GRADE 50 STL. FABRICATOR SHALL BE REQUIRED FOR GR. 50 STL. FOR MIN. DIA. FT. MEETING D.E.
(6) A706 STL. MAY BE USED IN LIEU OF GR. 60 OR 50 STL.

MINIMUM WELD SIZES & LENGTHS					
BARS	TYPE 1 (E)	TYPE 2 (E)	TYPE 1 LENGTH (4)	TYPE 2 LENGTH (4)
3	⅛	⅛	4	4
4	⅛	5/16	6	6
5	⅛	⅜	8	6
6	5/16	⅜	10	6
7	5/16	7/16	12	8
8	5/16	½	16	10
9	⅜	7/16	14	10
10	⅜	½	18	14
11	⅜	9/16	22	18

TYPICAL REBAR WELDING (8)



(9)

REINFORCING STEEL

1. Bar reinforcement shall conform to ASTM A615, Grade 60.
2. All welded rebar shall be ASTM Grade 60 or A706.
3. Welding of reinforcing steel shall conform to AWS D1.4-79.
4. Welded wire fabric shall conform to ASTM A185.
5. Reinforcing detailing, bending and placing shall be in accordance with Concrete Reinforcing Steel Institute "Manual of Standard Practice" latest edition.
6. Hooks on #3 bars shall be 3" dia. or 12" min. for concrete, and 4" dia. or 16" min. for masonry unless noted otherwise.
7. Vertical bars in walls shall be accurately positioned at the center of wall, unless otherwise noted on details. A shall be tied in position at top and bottom and at intervals not exceeding 10' bar dia.
8. Reinforcing steel shall be provided with the following amounts of concrete cover, unless noted otherwise:
   Footings (concrete deposited against earth)- - - - - - - 3"
   Concrete surface (formed) exposed to earth or weather- - 2"
   Column reinforcing (including column ties)- - - - - - - 1½"
   Beams and Girders- - - - - - - - - - - - - - - - - - - 1½"
   Slabs (#11 or smaller)- - - - - - - - - - - - - - - - - ¾"
9. All reinforcing steel, anchor bolts, dowels, and inserts shall be well secured in position prior to placing concrete or grout.
10. Unless otherwise noted in Details, furnish #3 spacer ties at approximately 3'-0" on center in all beams and footings to secure reinforcing in place.

STRUCTURAL STEEL

1. Structural steel shall conform to ASTM A36, unless noted otherwise.
2. Steel pipe shall conform to ASTM A53, Grade B (Fy = 35 ksi).
3. Steel tube shall conform to ASTM A500, Grade B (Fy = 46 ksi).
4. All main members shall have bolts conforming to ASTM A325.
5. Machine bolts and anchor bolts shall conform to ASTM A307, Grade "A" unless noted otherwise.
6. Welding of structural steel shall be done by the shielded arc process per AWS D1.1 using approved electrodes (E7018-low hydrogen).
7. Unless noted otherwise, all metal contact edges shall receive minimum size fillet welds per AISC Table J.2.7.2A.
8. All workmanship, and materials shall conform to the latest edition of the "AISC Specification for the Design, Fabrication and Erection of Structural Steel for Buildings"

STRUCTURAL WOOD

1. All wood members shall be Douglas Fir (DF) or Larch grade marked by a recognized grading agency (W.C.L.I.A.).
2. Plywood sheathing shall be Douglas Fir conforming to commercial products Standard PS-1-74, and shall be grade marked in accordance with APA.
3. Wood grades (unless noted otherwise):
   (A) For horizontal members: Joists & Rafters - Grade #2
   Beams & Stringers - Grade #1
   Ledgers - Grade #1
   (B) For vertical members: 2x4 studs- Construction Grade
   2x6 & larger studs - Grade #2
   Posts & Timbers - Grade #1
4. Cutting, notching or drilling of beams or joists to be permitted only as detailed or approved by the Engineer.
5. Joists, otherwise specified, all nailing shall conform to the latest edition of the U.B.C.
6. Wood screws shall be standard common nails, unless noted otherwise.
7. All sills or plates resting on concrete or masonry shall be pressure treated Douglas Fir. Bolts shall be placed 7" from the end of a board or from a notch and spaced at intervals noted.
8. All bolt heads and nuts bearing on wood shall have standard cut washers. All bolt holes in wood shall be drilled 1/32" dia larger than nominal bolt dia.
9. All framing anchors, post caps, columns bases, etc. shall be as manufactured by "Simpson Company" or equivalent.
10. Provide double joists under all parallel partitions.
11. Provide blocking or bridging per latest edition of the U.B.C.
12. Top plates of all wood stud walls to be 3-2x4 #2 Grade width in stacked, unless otherwise noted, lap 48" min. with not less than 8-16d nails at each lap and not more than 12" between nails.
13. Adhesives used for any field gluing shall conform to APA Performance Specification AFG-01.

MECHANICALLY LAMINATED WOOD JOISTS

1. Wood joists shall be as called out on plans and shall have a current I.C.B.O. acceptance.
2. Joists shall be factory manufactured with a structural grade plywood web and MICRO-LAM lumber or machine stress rated lumber flanges utilizing waterproof type glues.
3. Joists shall be fabricated in a properly equipped manufacturing facility approved for fabrication by the U.B.C. and under the supervision of a third party inspection agency.
4. The joists shall be sized and detailed to fit the dimensions and loads indicated on the plans. All designs shall be in accordance with allowable values and section properties assigned and approved by the U.B.C.
5. Joist, fabricator shall submit calculations and shop drawings, signed by a California Registered Civil Engineer, for review prior to fabrication.
6. The joists shall be erected and installed in accordance with joist manufacturer's details and typical manufacturer's recommendations. Erection bridging in addition to bridging provided is to be provided to keep the joists straight and plumb as required and to assure adequate lateral support for the joists until permanent lateral support system until such material has been installed.
7. Temporary construction loads which cause stresses beyond design limits are not permitted.
8. Truss fabricator shall design for, coordinate and verify openings in roof or floor with the contractor prior to fabrication and erection.
9. Truss fabricator shall design trusses for mechanical equipment loads on roof.
10. Wood floor joists shall satisfy a minimum live load deflection criteria of span/480.

GLUE LAMINATED WOOD

1. Fabrication of glu-lam beams shall be in accordance with standard specifications for structural glu-lam Douglas Fir beams, AITC 117-80 as per West Coast Lumbermen's Association latest edition.
2. All glu-lam members exposed to weather shall be fabricated using exterior type glue.
3. All glu-lam members shall be in accordance with U.B.C. Table 25 C-1: Simple-span beams 21'-5" or less in width shall be camber to 1/2" per 10'-0" of span. Simple span beams 21'-6" or more in width shall be cambered to 1" per 10'-0" of span. All cantilever beams shall be cambered 1" per 10'-0".
4. Manufacturer of glu-lam beams shall, upon request, with an independent qualified testing agency inspection and quality control of conformance shall be submitted to the Building Inspection Department and Engineer prior to installations.

GENERAL

1. The Contractor shall verify all dimensions, elevations, and site conditions before starting work and notify the Architect immediately of any discrepancies.
2. Any omissions and conflicts between the various elements of the working drawings and/or specifications shall be brought to the attention of the Architect before proceeding with work so involved.
3. Resolve any conflicts on the drawings with the Architect before proceeding with construction.
4. The Contractor shall determine the location of utility services in the area to be excavated prior to beginning excavation.
5. No pipes, ducts, sleeves, chases, etc., shall be placed in slabs, beams, or walls unless specifically shown or noted. Nor shall any structural member be cut for pipes, ducts, etc., unless otherwise noted. Contractor shall obtain prior approval for installation of any additional pipes, ducts, etc.. Refer to Architectural and Mechanical drawings for locations.
6. All material and workmanship shall conform to the requirements of the latest edition of the U.B.C.
7. Special inspection per sec. 305 & 306 of the U.B.C. is required for:
   a. All structural field welding, including welding of reinforcing steel, and welding of steel decking.
   b. Installation and testing operations for all high-strength friction bolting assembly.
   c. Installation and tightening operations for high-strength anchor bolts.
   d. During the taking of test specimens and placing of all reinforced concrete, with the exception of foundation concrete when the structural design strength is no greater than f'c = 2000 psi.
   e. During the placement of all masonry indicated as having "special inspection."
8. Design based on 1985 edition of Uniform Building Code.

FOUNDATION

1. Soil design pressure: 2000 P.S.F.
2. Bottom of footings shall be at least 30" BELOW LOWEST ADJACENT GRADE.
3. Character of soil: See Soils Report by CONVERSE DAVIS ASSOC. JOB NO. 90-1753 DATED 5/29/90
4. Soil Engineer shall verify that construction at the site is in accordance with the recommendations and conclusions of his report.
5. Thickened projection for foundation shall be neat and true to line with minimum of loose material and slanting water removed from excavations.
6. Before any concrete is placed, excavations shall be checked and approved by a Qualified Soils Engineer to ensure compliance with the requirements.
7. All fill material is to be approved by the Soils Engineer and is to be compacted to 90% of maximum density (or more as directed). Inspection is required during fill and compaction.

REINFORCED CONCRETE

1. Concrete shall conform to ASTM C-94, type II.
2. Aggregates shall conform to ASTM C-33 for normal-weight concrete and ASTM C-330 for lightweight concrete.
3. Reinforcing concrete shall be fried and Galvanized in accordance with ASTM C-494.
4. Concrete shall have a minimum ultimate compressive strength (f'c) of as follows:
   At 28 days at footings- 2500 PSI for slab & footings.
   See panel elevations for tilt-up concrete strength.
5. Admixtures may be used with approval of the Engineer. Admixtures used to increase the workability of the concrete shall not be considered to replace the specified minimum cement content.
6. Refer to and verify with architectural drawings any nailers, grooves, reveals, recessers, ornaments, chips or textures required to be cast into concrete and for location and extent of depressions, curbs, and ramps.
7. Projecting corners of slabs, beams, walls, columns, etc. shall be formed with a 3/4" chamfer unless otherwise noted.
8. Concrete cover for reinforcing shall be as shown on plans and as required by the American Concrete Institute.
9. Anchor bolts, dowels, steel, anchor bolts, dowels and other reinforcing shall be secured in position and inspected by the Project building department inspector prior to the poured of any concrete.
10. Location of all construction joints not specifically indicated on the drawings shall be approved by the Engineer prior to placing reinforcing steel.
11. Concrete floor slab variation from level to 1/8" in ten feet maximum.

TILT-UP PANEL CONCRETE

1. Precast concrete panels shall have a minimum ultimate compressive strength (f'c) per panel elevations notes.
2. Precast concrete panels shall attain the following minimum criteria prior to their erection:
   a. Will obtain compressive strength = 1500 PSI as determined by ASTM C39 standard cylinder test for compressive strength.
   b. Modulus of rupture = 900 PSI as determined by ASTM C78 standard test for flexural strength.

   These values are minimums and may be greater as required by local erection conditions.
3. Tilt-up panel shop drawings shall indicate analysis of the erection stresses of all precast panels, inserts, and other members from a design stand point and licensed Civil Engineer shall be fully responsible for the safety of attachments and other attachments or embeds which may be required.
4. Braces, attachments, pick-up inserts and bolt locations, etc. shall be designed, coordinated and detailed by "erector" or "supplier" or equivalent and are subject to review by the Engineer prior to installation.
5. Provide braces and connections to safely support the panels until the floor structures, including the roof diaphragm is adequately self supporting for all loadings.
6. The Contractor shall review, check and coordinate all panel dimensions with architectural plans and elevations prior to construction and shall notify the architect and Engineer immediately of any discrepancies.
7. Panel joints shall be coordinated with expansion joints in floor slabs.
8. Bond breaking agent shall be "Simpson Klier Seal" or "Norris Portland Cement" or "Burke Super Bond Breaker" or approved equivalent. In no case shall the bond breaker restrict the placement of finish materials or paint upon the concrete surfaces.
9. Fill all pick, holes, and pockets with grout and run smooth with burlap to remove all rings and ridges.
10. The Contractor shall notify the Engineer and Architect two weeks prior to pouring any concrete to enable the scheduling of a Jobsite visit for review of panel reinforcing placement.
11. Avoid placement of panel pours over control joints and colum blockouts.
12. Panel connections shall be welded no sooner than 28 days after panel is cast.

LEGEND

AB ..... Anchor Bolt	NIS ..... Not of Steel
C.I. or CIC.. Cast Iron	UNO ..... Unless Noted Otherwise
CY ..... Concrete	CL ..... Centerline
CF ..... Continuous Footing	WP ..... Work Point
CL ..... Centerline	WWM ..... Welded Wire Mesh
CMU ..... Concrete Masonry Unit	( ) ..... Dimension of Existing
(E) ..... Existing	( ) ..... Dimension of New
FOC ..... Face of Concrete	( ) ..... Dimension of Existing
FOM ..... Face of Masonry	N/A ..... Not Applicable
FOS ..... Face of Stud	N/A ..... Elevation of wall
GLB ..... Glu-lam Beam	N/A ..... Precast Panel Callout
GLP ..... Glu-lam Purlin	N/A ..... Shear Wall - See Schedule
HD ..... Hold-Down	⊕—⊕ ..... Stepped Footing
LRV ..... Rear	
MTS ..... Mat to Stake	
PF ..... Pad Footing	

GENERAL CONSTRUCTION NOTES

REVISIONS	BY

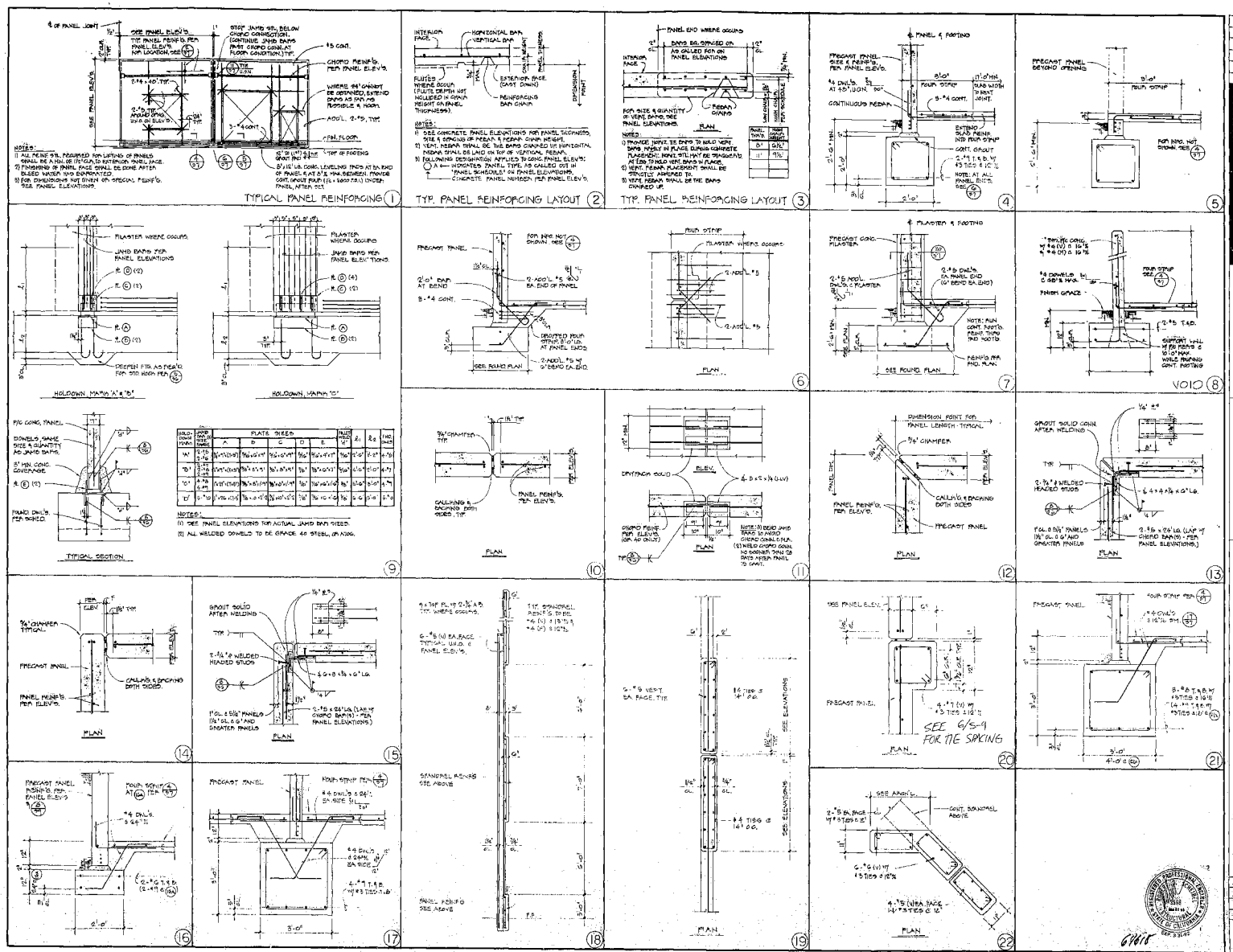
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#15 ARGONAUT DRIVE
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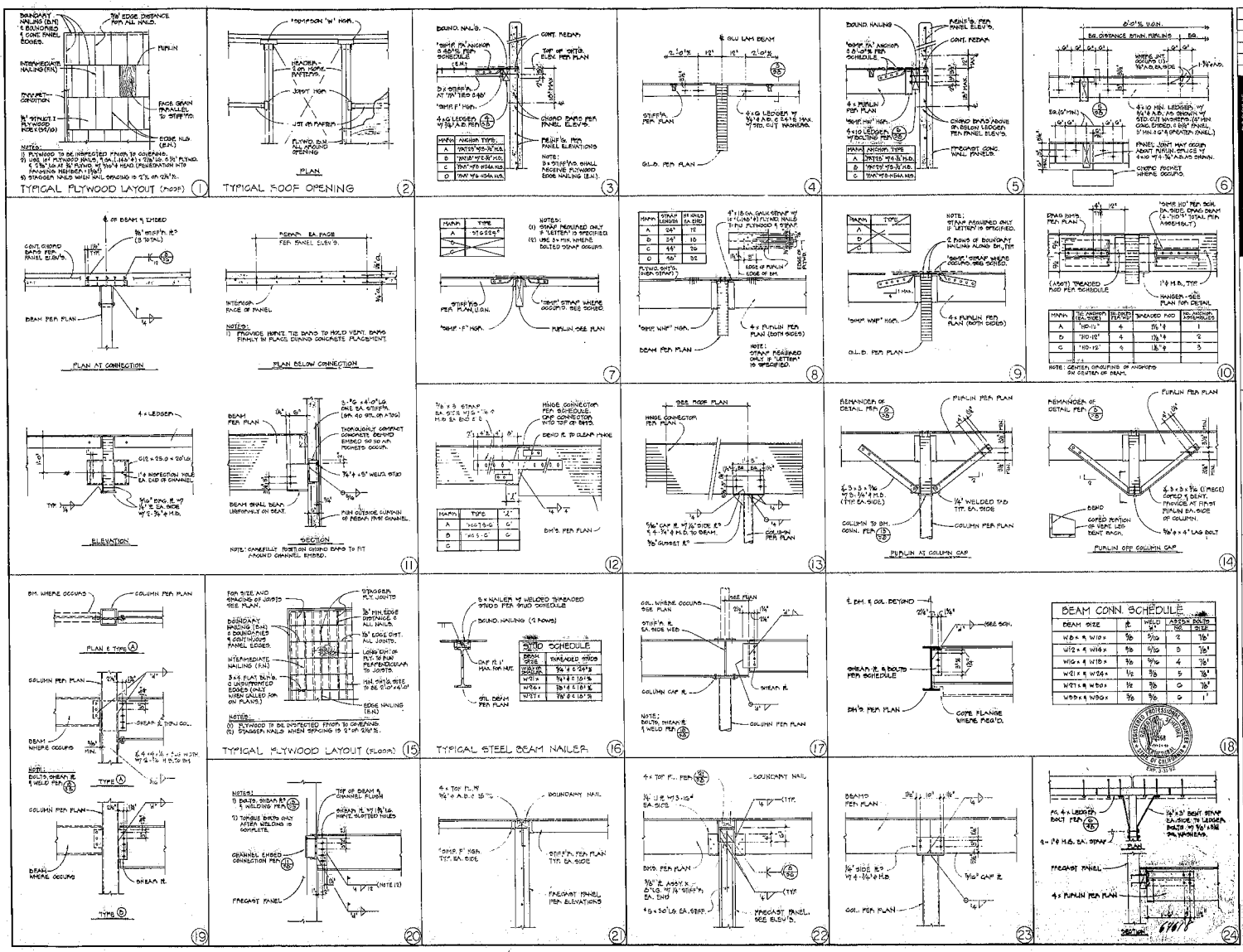
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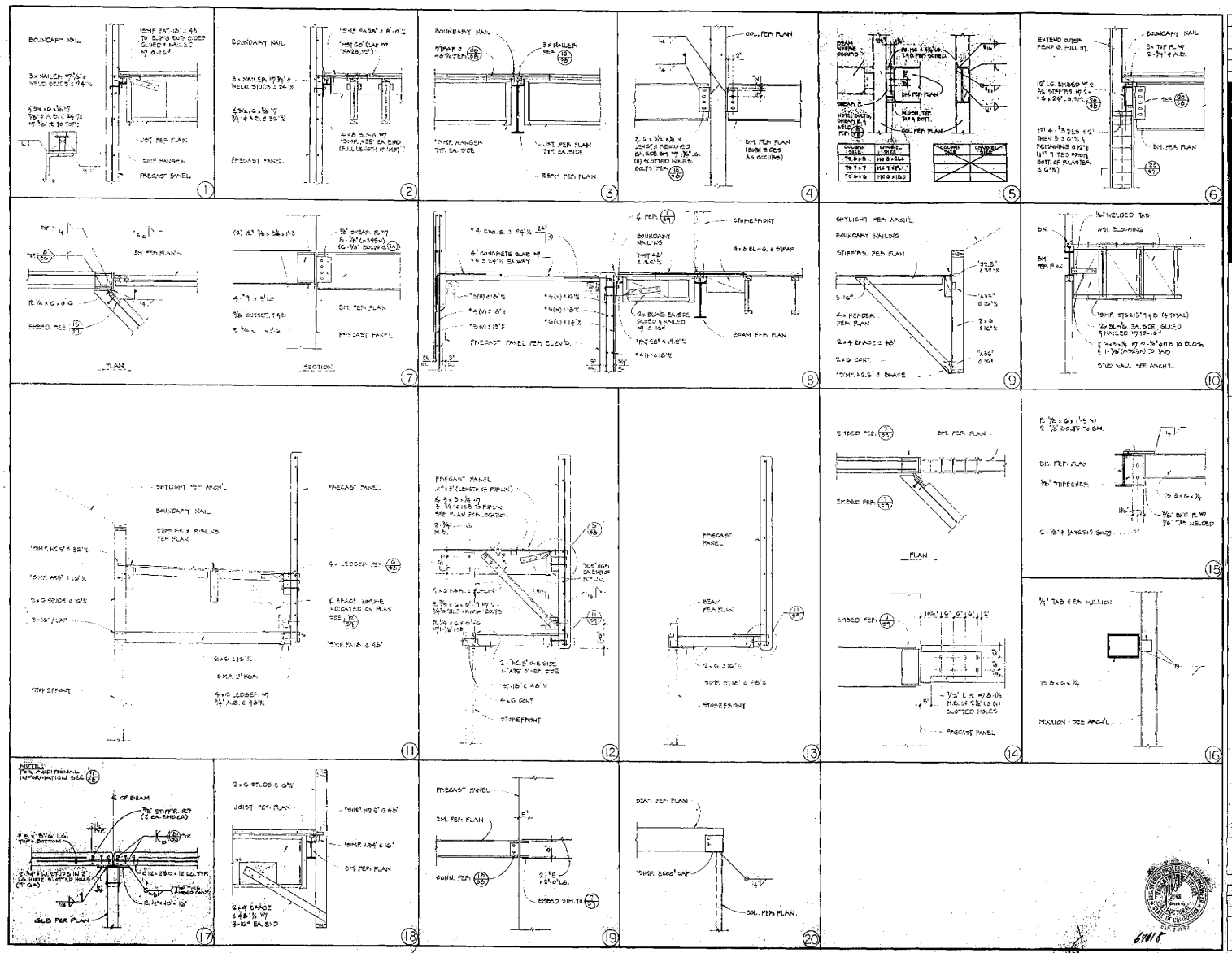
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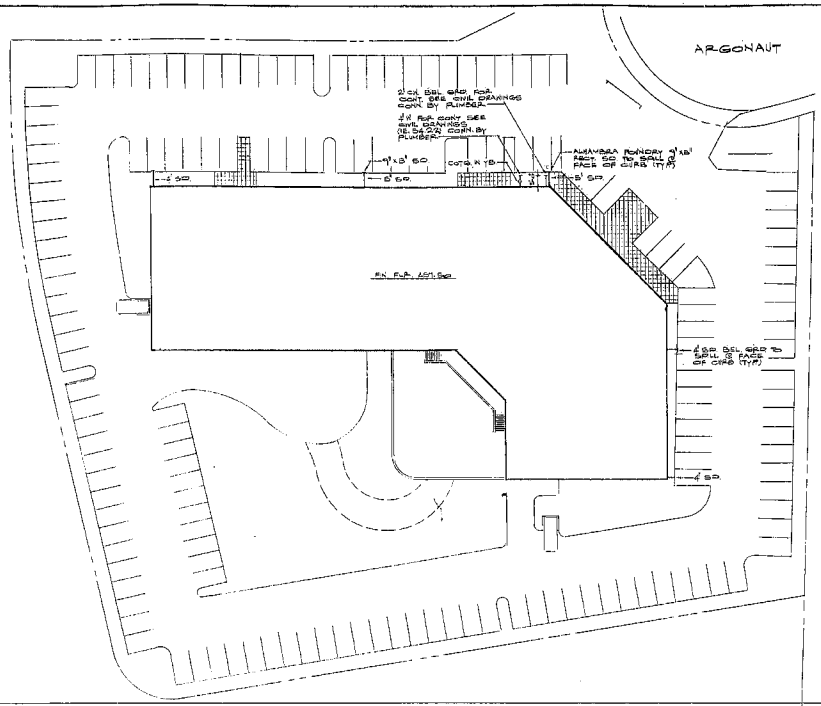
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ALISO VIEJO, CALIFORNIA

STANDARD

6W16



PLUMBING SITE PLAN — SCALE: 1"=20'-0" A

PLUMBING FIXTURE SCHEDULE

ITEM	FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	WASTE FU	COLD WATER FU	DESCRIPTION (AMERICAN STANDARD FIXTURE EXCEPT AS NOTED)
WC-1	WATER CLOSET	4"	2"	1½"	--	6	10	WATER-SAVER MADERA #2231.018 FLR. MTD. SIPHON JET ACTION. ELONGATED BOWL. VITREOUS CHINA. 1½" TOP SPUD. CLOSEKNITE HEAVY DUTY. 995 WHITE OPEN FRONT SEAT W/SS HINGE. NUMBER, 3500V 113-3 FLUSH VALVE
WC-2	WATER CLOSET	4"	2"	1½"	--	6	10	SAME AS WC-1 EXCEPT MVT-72A-1 TRAP PRIMER OUTLET & SLOAN ROYAL 113-3 FLUSH VALVE
WC-3	HANDICAPPED WATER CLOSET	4"	2"	1½"	--	10	6	ELONGATED WATER SAVER CADET #3468.018, FLR. MOUNTED ELONGATED BOWL. 18" HIGH. SIPHON JET ACTION. VITREOUS CHINA. 3-BOLT CAPS. SURFACE. CLOSKNITE 695 OPEN FRONT, WHITE SEAT, SLOAN 110-3 FLUSH VALVE, 1¼" TOP SPUD
UR-1	URINAL	2"	1½"	1½"	--	2	5	LEXINGTON #6520.018, 1¼ TOP SPUD, VITREOUS CHINA, WASHOUT ACTION. PRIVACY SHIELDS, WALL HANGER. 8186V ROYAL 180 FLUSH VALVE
LAV-1	LAVATORY	2"	1½"	1/2"	1/2"	1	2	ADRIAN 90476.020, 20"x17", VITREOUS CHINA, SELF-RIMMING, FRONT OVERFLOW. 8286.078 FAUCET, 1¼"-2461.015 CHROME-INDUSTRIAL PERFORMANCE CRUX, 4" TAILPIECE, CHROME FINISH, SUPPLIES, ADJUSTABLE P-TRAP
S-1	SINK	2"	1½"	1/2"	1/2"	2	2	JUST JSL-2125-GCR-3, 18-GAUGE, SINGLE COMPARTMENT STAINLESS STEEL COUNTERTOP SINK, SELF-RIMMING, SOUND DAMPENING, 21" x 25" x 7¼" DEEP, HERITAGE #6150.132, SWING SPOUT, AERATOR, CHROME FINISH, STRAINER, P-TRAP, TAILPIECE #2300.154 SUPPLIERS, SM-SINK-ERATOR DISPOSER #333/ES, 1/2 HP, 120V, 1Ø, 60 Hz
S-2	BAR SINK	2"	1½"	1/2"	1/2"	2	4	JUST BAR SINK #JL-1515-BCR-2, 20-GAUGE STAINLESS STEEL, SELF-RIMMING, SOUND DAMPENING, SIDE LEDGE, 15" x 15" x 6" DEEP, JUST BAR RAYGUN-S GOOSENECK SWING SPOUT, AERATOR, CHROME FINISH, SUPPLIES, P-TRAP, TAILPIECE.
TP-1	THERMOSTATIC TRAP PRIMER	--	--	1/2"	--	--	--	J.R. SMITH AUTOMATIC TRAP PRIMER #2599. CAST BRONZE WITH 1/2" N.P.T. FEMALE CONNECTION
FD-1	FLOOR DRAIN	2"	2"/4"	--	--	2	--	J.R. SMITH #2005-A, CAST IRON BODY, 5" ROUND, POLISHED NICKEL BRONZE GRATE, ADJUSTABLE STRAINER HEAD, CHAIN, BOTTOM OUTLET WITH TRAP PRIMER CONNECTION. JOSAM #30000-5A
SS-1	SERVICE SINK	3"	2"	3/4"	3/4"	3	4	LAWRENCE #7699.049, 22"x26", ENAMELED CAST IRON; #8341.025 SERVICE SINK FAUCET W/VACUUM BREAKER, STOPS IN SHANKS, ROUGH CHROME FINISH. 7998.176 P-TRAP, #8201.061 STRAINER, 8317B.010 HOSE GUARD
MS-1	MOPE SINK	--	--	3/4"	--	--	5	ACORN 8812I MOPPE SHARP. VACUUM BREAKER. LOOSE KEY
RD-1	ROOF DRAIN	--	--	--	--	--	--	J.R. SMITH #1010 CAST IRON BODY, LARGE POLYPROPYLENE DOME. UNDERDECK CLAMP. SUMP. ROOF FLANGE. BOTTOM OUTLET. JOSAM #21500
OFD-1	OVERFLOW ROOF DRAIN	--	--	--	--	--	--	TURNDOWN 12" ABOVE FIN. ROOF BY VENDER LEAD ROOF FLASHING WITH COLLAR
WHA-1	WATER HAMMER ARRESTER	--	--	--	--	--	--	JOSAM SHOCK ABSORBER 10495 ZURIES PNC-CHARGED NITRUE GLYCERIDE HYDRAULIC DISPLACEMENT PISTON HANDCUFF SEALED. SIZE IN ACCORDANCE W/ SCHEDULE
DF-1	DRINKING FOUNTAIN	1"	1½"	1/2"	--	1	1	SUNROC WALL-MOUNTED, DUAL PURPOSE WATER COOLER, AMBULANT AND WHEELCHAIR LEVEL, MODEL WCWC-8, 7.5 GPH OF 50° WATER, 1/4 HP, 120V, 1Ø, 60
DF-2	DRINKING FOUNTAIN	1"	1½"	1/2"	--	1	2	SUNROC WALL-MOUNTED SEMI-RECESSED WATER COOLER. MODEL WSRA-8. 8.0 GPH OF 80° WATER, 1/5 HP, 120V, 1Ø, 60. STAINLESS STEEL FINISH
WH-1	WATER HEATER	--	--	1½"	1½"	--	--	A.O. SMITH CONSERVATIONIST XCVE-80-1R ELECTRIC WATER HEATER. 80 GAL. CAPACITY, 80 GPH RECOVERY @ 80° RISE, SIX 3000 ELEMENTS, 18,000 WATT, 208 VOLT, 3Ø, 60 Hz, 50.0 FLA CONN. PHASE. 150# RELIEF VALVE. TYPE DISCHARGE 20 SQ-I, W.L. LISTED. ASHRAE STD. 90-1-75A. 7-YEAR WARRANTY
HDF-1	HANDICAPPED SHOWER	2"	1½"	3/4"	3/4"	2	4	KINDRICK FIBERGLASS SHOWER 8423G-MC, INCLUDING GRAB BARS, SHOWER CURTAIN ROD, DRAIN/WASTE. SHOWER VALVE, SHOWERHEAD ABOVE
SH-1	SHOWER	2"	1½"	3/4"	3/4"	2	4	KINDRICK FIBERGLASS SHOWER #3626-C, INCLUDING SHOWER CURTAIN ROD. DRAIN/WASTE. SHOWER VALVE. SHOWER HEAD

WATER HAMMER ARRESTER SCHEDULE

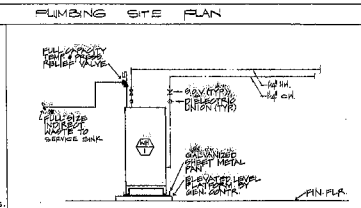
JOSAM FIG. NO.	FIXTURE UNIT RATING	I.P.S.	ACCESS PANEL MIFP #714 M-SS
15850-1	1 - 11	3/4"	12 x 12
15850-2	12 - 32	1"	12 x 12
15850-3	33 - 60	1"	12 : 12
15850-4	61 - 113	1"	12 x 12
15850-5	114 - 154	1"	18 x 18
15850-6	155 - 320	1"	18 x 18

NOTE:
NO FIXTURE SUBSTITUTIONS

CHIEF PLUMBING MECHANICAL
DEC 07 1983
ORANGE COUNTY Development Services

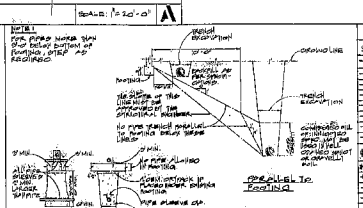
PLUMBING GENERAL NOTES:

1. INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NEW NON-RESIDENTIAL BUILDINGS.
2. CONTRACTOR SHALL VERIFY DEPTH, SIZE, LOCATION OF ALL EXISTING UTILITIES IN FIELD BEFORE STARTING WORK.
3. CONTRACTOR SHALL COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAYS OR INTERFERENCES.
4. ALL PLUMBING WORK AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE ORDINANCES AND REGULATIONS HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN ALL APPROVALS REQUIRED FROM REGULATING AGENCIES BEFORE STARTING WORK.
5. SOIL AND WASTE PIPE SHALL SLOPE AT 1% MINIMUM UNLESS OTHERWISE NOTED.
6. ALL PLUMBING WORK AND MATERIALS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITIONS OF THE UNIFORM PLUMBING CODE, UNLESS OTHERWISE REQUIRED BY THE DEPT. OF BLDG. & SAFETY.
7. CONTRACTOR SHALL FURNISH AND INSTALL ALL BACKFLOW PROTECTION DEVICES REQUIRED BY AGENCIES HAVING JURISDICTION.
8. PLUMBING CONTRACTOR: CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN POINT. ON WATER MAKE-UP TO MECHANICAL EQUIPMENT, GAS PIPING TO UNITS & FINAL CONNECTIONS.
9. OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
10. CONDENSATE DRAINS THAT TERMINATE @ TAILPIECE OF LAV. TAILPIECE SHALL BE INCREASED TO 1¼" TO RECEIVE DISPOSAL TYPE TEE (U-TUBE).
11. DOMESTIC WATER PIPING: ABOVE GROUND COPPER TYPE "L", BELOW GROUND OUTSIDE OF BLDG. 1¼" AND SMALLER PVC SCHEDULE 40 WITH SCHEDULE 80 FITTINGS, 2" AND LARGER PVC CLASS 315 SDR 13.5 WITH SCHEDULE 80 FITTINGS.
12. ~~GAS PIPING: INSIDE BUILDING, VENT GROUP SCHEDULE 40 BLACK STEEL PIPE. BELOW GROUND OUTSIDE OF BUILDING SHALL BE PVC SCH. 315 SDR 13.5 GAS PIPE.~~
13. SOIL PIPING: BELOW SLAB INSIDE BUILDING, SERVICE WEIGHT COATED CAST IRON HUBLESS PIPE AND FITTINGS. OUTSIDE OF BUILDING, VITRIFIED CLAY PIPE WITH "SPEED SEAL" OR "DESSE-LEACH" JOINTS.
14. VENT PIPING: BELOW GROUND CAST IRON, ABOVE GROUND SCHEDULE 40 GALVANIZED STEEL PIPE.
15. CONDENSATE DRAIN PIPING: COPPER TYPE "M"
16. INSULATE DOMESTIC HOT WATER PIPING WITH 3/4" ISOCHOCK FIBERGLAS 25 #62/BL R-4.5/INCH PIPE INSULATION WITH STANDARD CANVAS JACKET. CONCEAL EXPOSED INSIDE AND OUTSIDE INSULATION WITH ALUMINUM JACKET.
17. STORM DRAIN PIPING: ABOVE GROUND INSIDE BUILDING, SCHEDULE 40 PIPE AND FITTINGS. AND CAST IRON SCREWED DRAINAGE FITTINGS AND LONG SWEEP ELBOWS, UNDERGROUND INSIDE BUILDING: SERVICE WEIGHT CAST IRON HUBLESS PIPE AND FITTINGS, UNDERGROUND OUTSIDE OF BUILDING: ASTM-REINFORCED CONCRETE PIPE.
18. FIRE SPRINKLER SYSTEM PIPING: UNDERGROUND FROM POINTS 5'-0" OUTSIDE OF BUILDING; CEMENT-LINED CLASS 150 DUCTILE IRON PIPE OF OUTSIDE SCHEDULE 40 STEEL PIPE WITH 150 PSI MALLEABLE IRON SCREWED FITTINGS.
19. REFER TO KITCHEN CONSULTANTS DRAWINGS FOR PLUMBING ROUGH-IN SCHEDULE AND FOR ADDITIONAL WORK TO BE FURNISHED AND INSTALLED BY THIS CONTRACTOR.
20. PIPING SHALL BE INSULATED AS PER C.E.C. SECTION 2-5312.
21. PLUMBING SUBCONTRACTOR CERTIFIED PER C.E.C. SECTION 2-5314(A).
22. WATER HEATERS FOR DOMESTIC HOT WATER PER C.E.C. SECTION 2-5310.

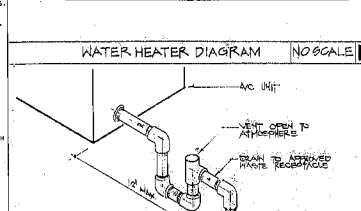


WATER HEATER DIAGRAM — NO SCALE B

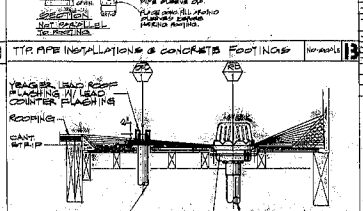
NOTE:
PIPE PIPED WATER SEAL 6"Ø BELOW BOTTOM OF FOOTING, STRIP AS REQUIRED



TYP. PIPE INSTALLATIONS @ CONCRETE FOOTINGS — NO SCALE B



CONDENSATE DRAIN DETAIL — NO SCALE E



ROOF DRAIN & OVERFLOW DETAIL — NO SCALE C

PLUMBING LEGEND

SYMBOL	ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
	S OR W	SOIL OR WASTE	R.D.	ROOF DRAIN
	G	GAS	A.P.	ACCESS PANEL
	C.W.	COLD WATER	P.U.C.	POINT OF CONNECTION
	H.W.	HOT WATER	P.U.	PLUGGED UNION
	H.W.R.	HOT WATER RECIRCULATION	P.V.	PLUGGED VALVE
	V.	SANITARY VENT LINE	P.O.	PLUGGED OUTLET
SD	S.D.	STORM DRAIN ABOVE GRADE	V.T.R.	VENT THRU ROOF
CD	C.D.	CONDENSATE DRAIN	H.R.	HEATER
	P.C.O. OR C.O.	PROPERTY CLEANOUT OR CLEANOUT	F.H.C.	FIRE HOSE CABINET
	W.H.D.	WATER HAMMER DRIP	A.D.	AREA DRAIN
	H.B.	HOSE BIBB	R.T.V.C.	ROOF TOP VENT CONNECTION
	S.H.-V.	SHUT OFF GATE VALVE	V.B.F.	VACUUM BREAKER FOUNTAIN
	S.C.V.	SHUT OFF GLOBE COCK	C.A.	COMBUSTION AIR
	C.V.	CHECK VALVE	V.C.P.	VITRIFIED CLAY PIPE
	P.T.R.V.	PRESSURE TEMPERATURE RELIEF VALVE	F.E.	FIRE EXTINGUISHER
			F.H.C.	FIRE HOSE CABINET
	F.S.P.	FIRE SPRINKLER PIPE	F.E.C.	FIRE EXTINGUISHER CABINET
	W.S.P.	HOT WATER SPRINKLER PIPE	O.F.D.	OVERFLOW DRAIN
	M.G.	MEDIUM PRESSURE GAS	C.I.	CAST IRON
		YARD BOX	F.H.	FIRE HYDRANT
		MANHOLE	A.C.P.	ASBESTOS CEMENT PIPE
	(E)	EXISTING	(N)	NEW

WATER CALCULATION

MIN. PRESSURE @ MAIN : PSI
MAX. FLOW RATE : GPM.

LOSSES:
LOSS THRU METER : PSI.
STATIC HEAD LOSS (2.31 x) : PSI.
PRESSURE LOSS @ RISER : PSI.
TOTAL LOSSES : PSI.

MIN. PRESSURE ALLOWABLE FOR FRICTION (-) = PSI.

ALLOWABLE FRICTION LOSS PER 100' OF PIPE = x 100 / = PSI.

WATER VELOCITY NOT TO EXCEED 8 F.P.S.

NOT FOR CONSTRUCTION

6/81 P

THESE CALCULATIONS, STATED IN GENERAL AND CONCEPTUAL TERMS, ARE INTENDED TO ASSIST THE ARCHITECT IN PREPARING PLANS AND SPECIFICATIONS FOR THIS PROJECT.

REVISIONS | BY

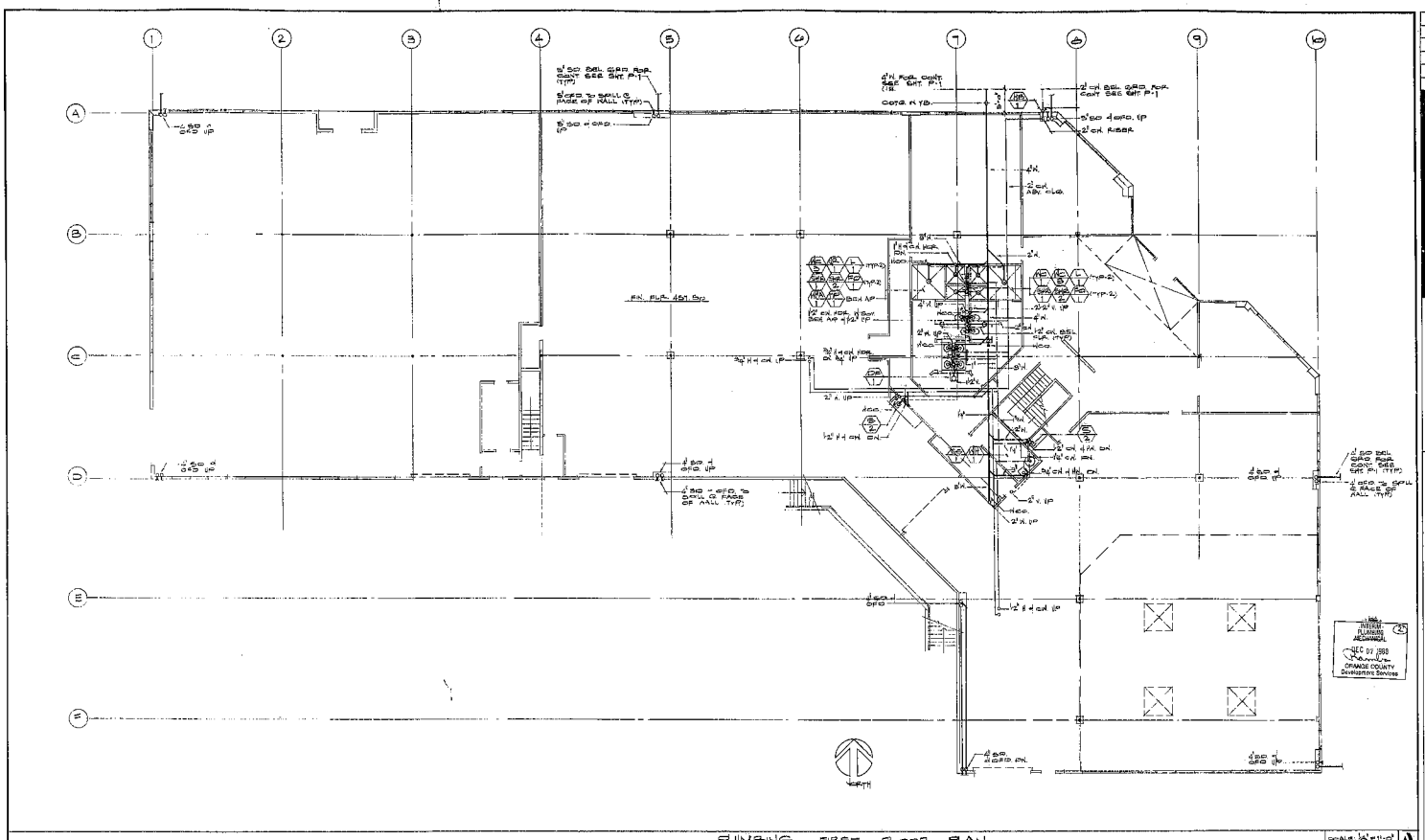
LEAD PLANNING
ARCHITECTURE
BANZHAF / NIERSON / DUFF
& ASSOCIATES, INC.
4350 IRVINE AVE. SUITE 200
NEWPORT BEACH, CA 92660
(714) 833-2900

MECHANICAL & PLUMBING ENGINEERING
EMS
ENGINEERED MECHANICAL SYSTEMS, INC.
4350 IRVINE AVE. SUITE 200
NEWPORT BEACH, CA 92660
(714) 833-2900

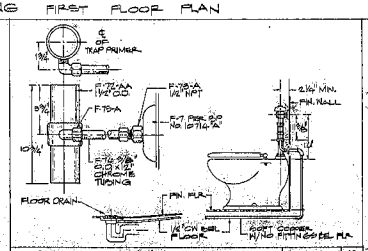
DEVELOPER:
KAMINARI BUILDING PARTNERS
1 VENTURE, SUITE 150
IRVINE, CA 92718
(714) 753-0400

Kaminari
115 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

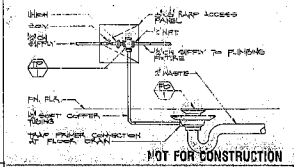
DATE
SCALE
DRAWN BY: MK/MA/MK/KA
JOB NO. 83-84
SHEET P-1
OF 5 SHEETS



PLUMBING FIRST FLOOR PLAN — SCALE: 1/8"=1'-0"



TRAP PRIMER DETAIL — NO SCALE



TRAP PRIMER CONNECTION (TP-1) — NO SCALE

NOT FOR CONSTRUCTION

07618

DEVELOPER:
KAMINARI BUILDING PARTNERS
4199 CAMPUS DRIVE, SUITE 550
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX(714)833-7854

Kaminari
45 ARGONAUT DRIVE
ALISO, VIEJO, CALIFORNIA

APPLIED MECHANICAL SYSTEMS, INC.

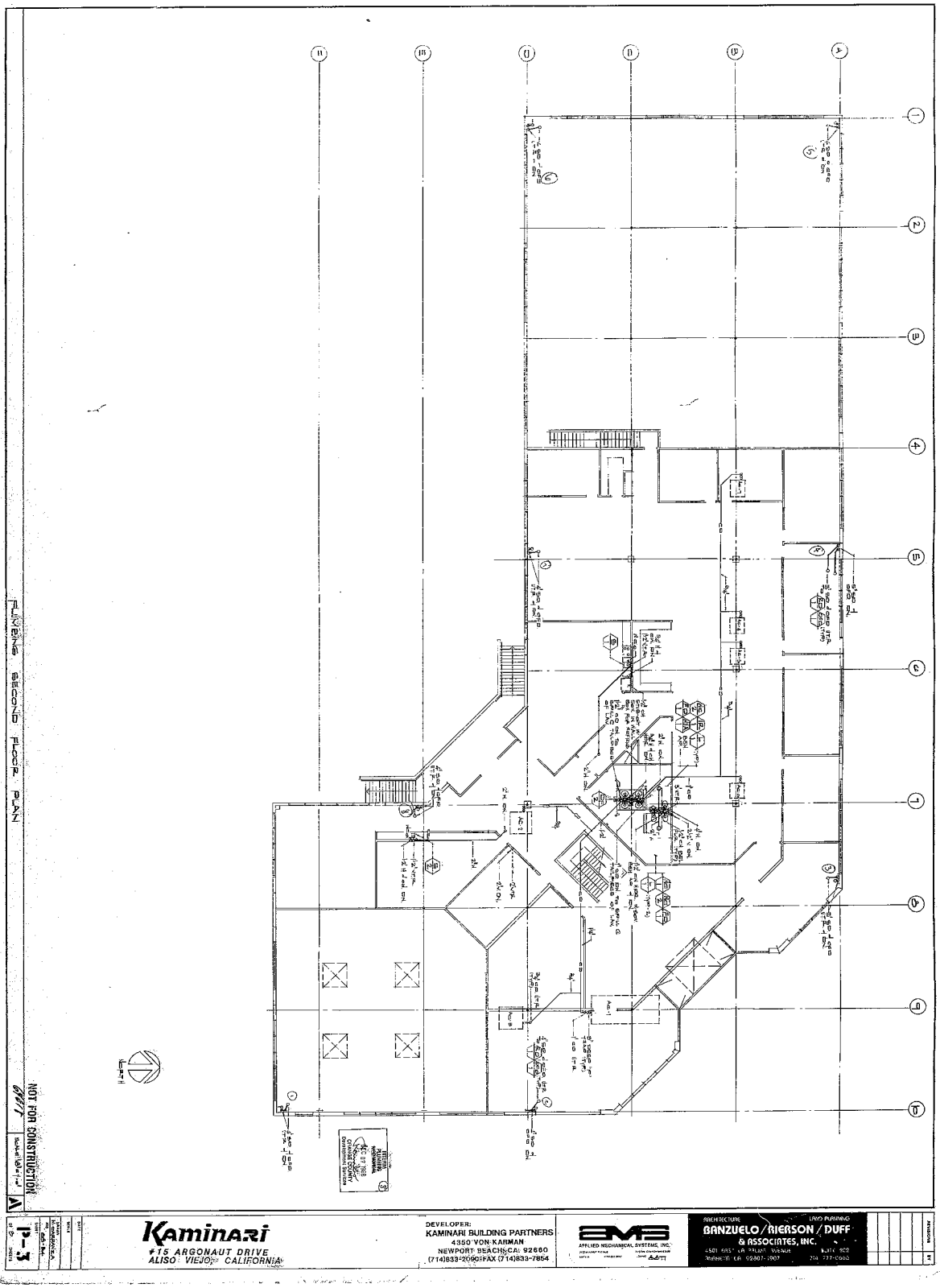
APPROVED
ORANGE COUNTY
Development Services

REVISIONS | BY

APPROVED
BANZUELO / REGASON & ASSOCIATES, INC.
CIVIL ENGINEERS
25091 BELTRAN ROAD, SUITE 100
MISSION VIEJO, CA. 92691
(714) 770-0400

DATE
SCALE
DRAWN
CHECKED
JOB
DATE

P-2
SHEETS



FLOOR PLAN

NOT FOR CONSTRUCTION

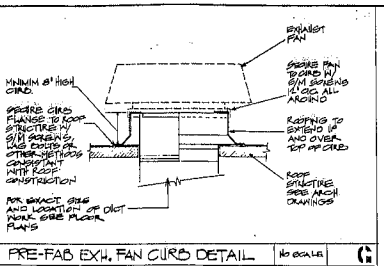
Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714)833-2090 FAX (714)833-7854

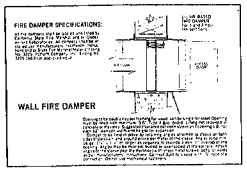
APPLIED MECHANICAL SYSTEMS, INC.

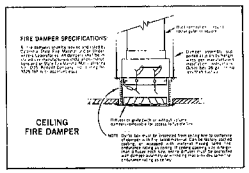
ARCHITECTURE / LAND PLANNING
GANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.
4501 MACARTHUR BOULEVARD, SUITE 202
NEWPORT BEACH, CA 92660-1907
714 777-0660

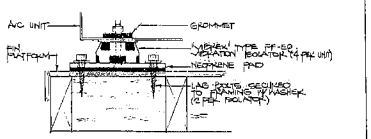
P-3



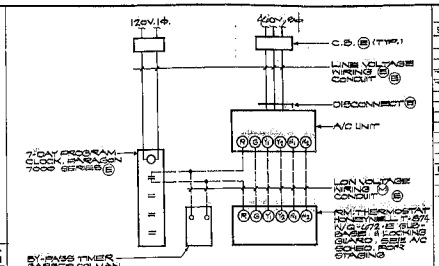
PRE-FAB EXH. FAN CURB DETAIL — NO SCALE — G



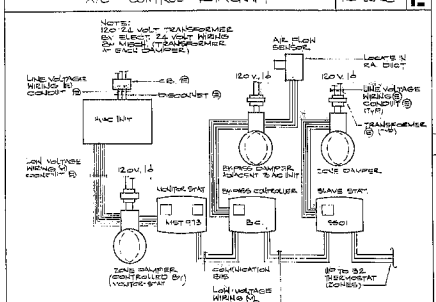




SEISMIC VIBRATION ISOLATOR DETAIL — NO SCALE — H



A/C CONTROL DIAGRAM — NO SCALE — E



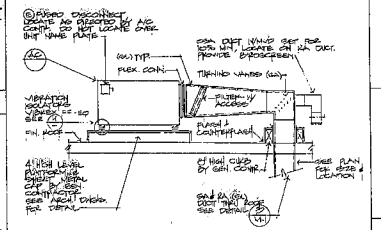
VVT CONTROL DIAGRAM — NO SCALE — F

A/C GENERAL NOTES:

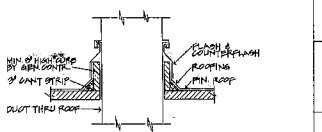
1. INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NON-RESIDENTIAL BUILDINGS.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
3. OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES, AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
4. ALL MATERIALS AND EQUIPMENT PROVIDED AND/OR INSTALLED SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK BY THE OWNER. ANY DEFECTIVE MATERIALS OR INFERIOR WORKMANSHIP SHALL BE CORRECTED TO THE ENTIRE SATISFACTION OF THE OWNER.
5. WITHIN 14 DAYS AFTER AWARD OF CONTRACT SUBMIT FIVE (5) COPIES OF REQUIRED SHOP DRAWINGS, MATERIAL LISTS, AND EQUIPMENT SPECIFICATIONS OF ITEMS PROPOSED FOR INSTALLATION.
6. ELECTRICAL CONTRACTOR: CONDUIT FOR LINE & LOW VOLTAGE WIRING, LINE VOLTAGE WIRING BETWEEN DISCONNECTS, CIRCUIT BREAKERS, FINAL CONNECTIONS, ITEMS INDICATED THUS (E).
7. MECHANICAL CONTRACTOR: TEMPERATURE CONTROLS, LOW VOLTAGE WIRING & ITEMS INDICATED THUS (M). WIRING SHALL CONFORM TO LOCAL CODES.
8. PLUMBING CONTRACTOR: CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN POINT, DI WATER MAKE-UP TO MECHANICAL EQUIPMENT, GAS PIPING TO UNITS & FINAL CONNECTIONS.
9. GENERAL CONTRACTOR: CUTTING, LEVEL PLATFORMS, FRAMED OPENINGS, DOOR LOUVERS, COL. UNDERCUT DOORS (UC), EXTERIOR LOUVERS.
10. ALL EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THIS SECTION OF THE SPECIFICATIONS.
11. ALL SHEET METAL CONSTRUCTION AND GAUGES SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL AND FEDERAL CODES. TAPE ALL TRANSVERSE AND LONGITUDINAL JOINTS, SUPPLY AND RETURN DUCTS.
12. SOUND LINE (SL) ALL SUPPLY AND RETURN AIR DUCTS EXPOSED TO WEATHER AND AS NOTED. FIBERGLAS LINER 1" THICK, 3#S DENSITY OF FILM RESISTANCE, NRC RATED. (DUCT SIZES SHOWN INCLUDE LINER).
13. ALL CONCEALED SUPPLY AND RETURN AIR DUCTS TO BE INSULATED WITH 2" THICK FIBERGLAS BLANKET WITH FSK EXCLUSIVE OF FILM RESISTANCE.
14. AT CONTRACTOR'S OPTION CASCO DUCT 1" THICK WITH POSITIVE VAPORSEAL IS APPROVED IN LIEU OF CONCEALED SHEET-METAL ROUND PIPE. THE DUCT SHALL BE UNDERWRITERS' LABORATORIES LABELED AS A CLASS 1 AIR DUCT IN ACCORDANCE WITH U.L. STANDARD TEST METHOD 181.
15. END CONNECTION TO CEILING DIFFUSER AND RETURN AIR GRILLE SHALL BE "CASCO SILENT FLEX" INSULATED LOW PRESSURE SF-181 7' 0" LONG FLEXIBLE DUCT.
16. WHERE INTERIOR OF DUCTWORK IS VISIBLE THRU AN AIR OUTLET, INSIDE OF DUCT SHALL BE PAINTED WITH A FLAT BLACK PRIMER, OR LINING SHALL HAVE BLACK FACING.
17. ALL JOINTS OF DUCTWORK EXPOSED TO WEATHER SHALL BE SEALED WATERTIGHT WITH MASTIC AND CANVAS.
18. HVAC EQUIPMENT CERTIFIED PER C.E.C. SECTION 2-5314(a).
19. AUTOMATIC CONTROLS FOR OFF-HOUR SHALL COMPLY WITH C.E.C. SECTION 2-5315(a).1.
20. THERMOSTAT DEAD POINT REQUIREMENTS SHALL COMPLY WITH C.E.C. SECTION 2-5315(e).
21. SEQUENTIAL CONTROL OF HEATING & COOLING SHALL COMPLY WITH C.E.C. SECTION 2-5315(a).3.
22. VENTILATION SHALL BE PROVIDED PER C.E.C. SECTIONS 2-5316 & 2-5343.

AIR CONDITIONING LEGEND

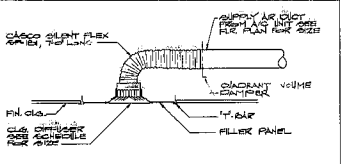
SYMBOL	DESIGNATION	SYMBOL	DESIGNATION
	DUCT RISER OR DROP (SUPPLY AIR)	C.D.	CEILING DIFFUSER
	DUCT RISER OR DROP (RETURN AIR)	R.A.G.	RETURN AIR GRILLE
	DUCT RISER OR DROP (EXHAUST AIR)	M.V.D.	MANUAL VOLUME DAMPERS
	DOOR LOUVERS	E.A.G.	EXHAUST AIR GRILLE
UC	UNDERCUT DOOR	AFD or ®	AUTOMATIC FIRE DAMPERS
(S.L.)	SOUND LINE	V.T.R.	VENT-THRU-ROOF
S.A.	SUPPLY AIR	F.C.	FLEX. CONNECTION
R.A.	RETURN AIR	(T)	ROOM THERMOSTAT
E.A.	EXHAUST AIR	S.V.R.	SUPPLY WALL REGISTER
OSA	OUTSIDE AIR	C.A.	COMBUSTION AIR
M.A.	MIXED AIR	A.P.	ACCESS PANEL
BP	BY-PASS TIMER	A.D.	ACCESS DOOR 2.
W.T.R.	WP-THRU-ROOF	P.O.C.	POINT OF CONNECTION
(E)	EXISTING	D.T.R.	DUCT-THRU-ROOF
C.B.	CIRCUIT BREAKER	(N)	NEW



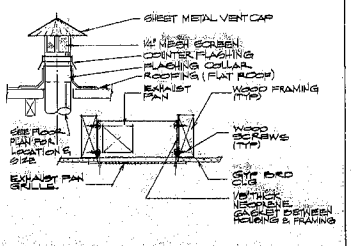
A.C. UNIT ELEVATION — NO SCALE — A



DUCT THRU ROOF — NO SCALE — B



CEILING DIFFUSER — No SCALE — C



CEILING MOUNTED EXH. FAN DETAIL — No SCALE — D

A/C EQUIPMENT SCHEDULE

(AC/1)

30 TON
ROOF MOUNTED AIR CONDITIONING UNIT:
CARRIER HEAT PUMP MODEL NO. 50HJ030, EER 8.2
150,000 BTU/HR COOLING @ 95°F AMB. &
67°WB/60°DB ENT. EVAP. AIR
11,000 CFM @ 0.80" ESP
HEATING CAPACITY: 143,500 BTU/HR INPUT @ 47°F AMB.
C.O.P. 3.0
ELECTRICAL: 56.2 FLA @ 460 VOLTS, 3Ø, 60
VIBRATION ISOLATORS: VIBRON FF-80
FILTERS: (4)16x20x2, (4)16x20x2
REFRIGERANT: R-22, 15.2
FURNISH WITH: ALTERNATE MOTOR & DRIVE, FINE GUARD II CIRCUIT SHORE DETECTOR W/AUTO-SHUTDOWN, ECONOMIZER.
OPERATING WT. 4,700 LBS.

(AC/2) (AC/3)

25 TON
ROOF MOUNTED AIR CONDITIONING UNIT:
CARRIER HEAT PUMP MODEL NO. 50HJ030, EER 8.2
91,000 BTU/HR COOLING @ 95°F AMB. &
67°WB/60°DB ENT. EVAP. AIR
3000 CFM @ 0.80" ESP
HEATING CAPACITY: 92,000 BTU/HR INPUT @ 47°F AMB.
C.O.P. 3.1
ELECTRICAL: 21.9 FLA @ 460 VOLTS, 3Ø, 60
VIBRATION ISOLATORS: VIBRON FF-50
FILTERS: (2)16x20x1, (2)20x20x1, FARR 30/30
REFRIGERANT: R-22, 7.0 LBS., DUAL
FURNISH WITH: ALTERNATE MOTOR & DRIVE, FINE GUARD II CIRCUIT SHORE DETECTOR W/AUTO-SHUTDOWN
OPERATING WT. 1400 LBS.

(AC/4) (AC/5) (AC/7)

5 TON
ROOF MOUNTED AIR CONDITIONING UNIT:
CARRIER HEAT PUMP MODEL NO. 50GK060, EER 7.5
57,000 BTU/HR COOLING @ 95°F AMB. &
67°WB/60°DB ENT. EVAP. AIR
2000 CFM @ 0.50" ESP
HEATING CAPACITY: 57,000 BTU/HR INPUT @ 47°F AMB.
C.O.P. 2.8
ELECTRICAL: 15.1 FLA @ 460 VOLTS, 3Ø, 60
VIBRATION ISOLATORS: VIBRON FF-50
FILTERS: (1)25x25x1, (1)30x25x1, FARR 30/30
REFRIGERANT: R-22, 10 LBS., 5 CKT.
FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE, UNIT SIZE: 48"x43"x37" HIGH
OPERATING WT. 600 LBS.

(AC/6)

3 TON
ROOF MOUNTED AIR CONDITIONING UNIT:
CARRIER HEAT PUMP MODEL NO. 50QD036, EER 9.0
36,000 BTU/HR COOLING @ 95°F AMB. &
67°WB/60°DB ENT. EVAP. AIR
1200 CFM @ 0.50" ESP
HEATING CAPACITY: 35,000 BTU/HR INPUT @ 47°F AMB.
C.O.P. 3.0
ELECTRICAL: 7.35 FLA @ 460 VOLTS, 3Ø, 60
VIBRATION ISOLATORS: VIBRON FF-50
FILTERS: (2)16x25x1, FARR 30/30
REFRIGERANT: R-22, 6 LBS., 3 CKT.
FURNISH WITH: AUTO-THERMOSTAT W/LOCKING COVER & ON-OFF SUBBASE, UNIT SIZE: 48"x43"x22" HIGH
OPERATING WT. 475 LBS.

(EF/1)

ROOF MOUNTED EXHAUST FAN SCREEN COOK CO.
TYPE ACE-B, MODEL NO. 170CDB
1260 CFM @ 1/2" S.P., 1065 FAN RPM
3/39 RPM TYP SPEED, 3/4 HP, 1PH, 115 VOLTS, 60
FURNISH WITH: MOD-PAS BIRD SCREEN, DISCONNECT SWITCH.
BACKDRAFT DAMPER
OPER. WT. 150 LBS.

(EF/2)

ROOF MOUNTED EXHAUST FAN SCREEN COOK CO.
TYPE ACE-B, MODEL NO. 100CDB
450 CFM @ 3/8" S.P., 1255 FAN RPM
1367 FPM TIP SPEED, 1/6 HP, 1PH, 1V, 60
FURNISH WITH: MOD-PAS CBBB, BIRD SCREEN, DISCONNECT SWITCH, THERMAL OVERLOAD PROTECTION, BACKDRAFT DAMPER, WIRE TO THERMOSTAT
OPER. WT. 100 LBS.

AIR DISTRIBUTION SCHEDULE
(UNLESS OTHERWISE INDICATED)

CEILING DIFFUSERS			
CFM	SIZE	CFM	SIZE
0 - 100	6 x 6	501 - 675	16 x 16
101 - 175	8 x 8	676 - 875	18 x 18
176 - 275	10 x 10	876 - 1000	20 x 20
276 - 375	12 x 12	1001 - 1250	24 x 24
376 - 500	14 x 14		

NOTE: CEILING DIFFUSER THROW SHALL BE 4-WAY UNLESS OTHERWISE INDICATED.

CEILING DIFFUSER: ANEMOSTAT RND W/FILLER PANEL
SUPPLY WALL REGISTER: WATERLOO XSWHD W/OPP
RETURN AIR & EXHAUST CEILING GRILLE: 24x24 PERFORATED PLATE
RETURN AIR WALL GRILLE: WATERLOO XSSHDS
LINEAR WALL DIFFUSER: ANEMOSTAT AL W/GRID
LINEAR CEILING DIFFUSER: ANEMOSTAT SLWD W/GRID
EQUIVALENTS: METAL AIRE, AGP

STATE OF CALIFORNIA TITLE-24 ENERGY CONSERVATION REQUIREMENTS STANDARD 2301-A(5)

THE STANDARDS HAVE BEEN REFERENCED AND THE DESIGN, DRAWINGS, AND CALCULATIONS COMPLY SUBSTANTIALLY WITH THESE REGULATIONS.

ONLY THE WITHIN APPROVED PLANS MUST BE USED IN THE FIELD
DEC 07 1988
ORANGE COUNTY Development Services

EXHIBIT NOT FOR CONSTRUCTION

REVISIONS | BY

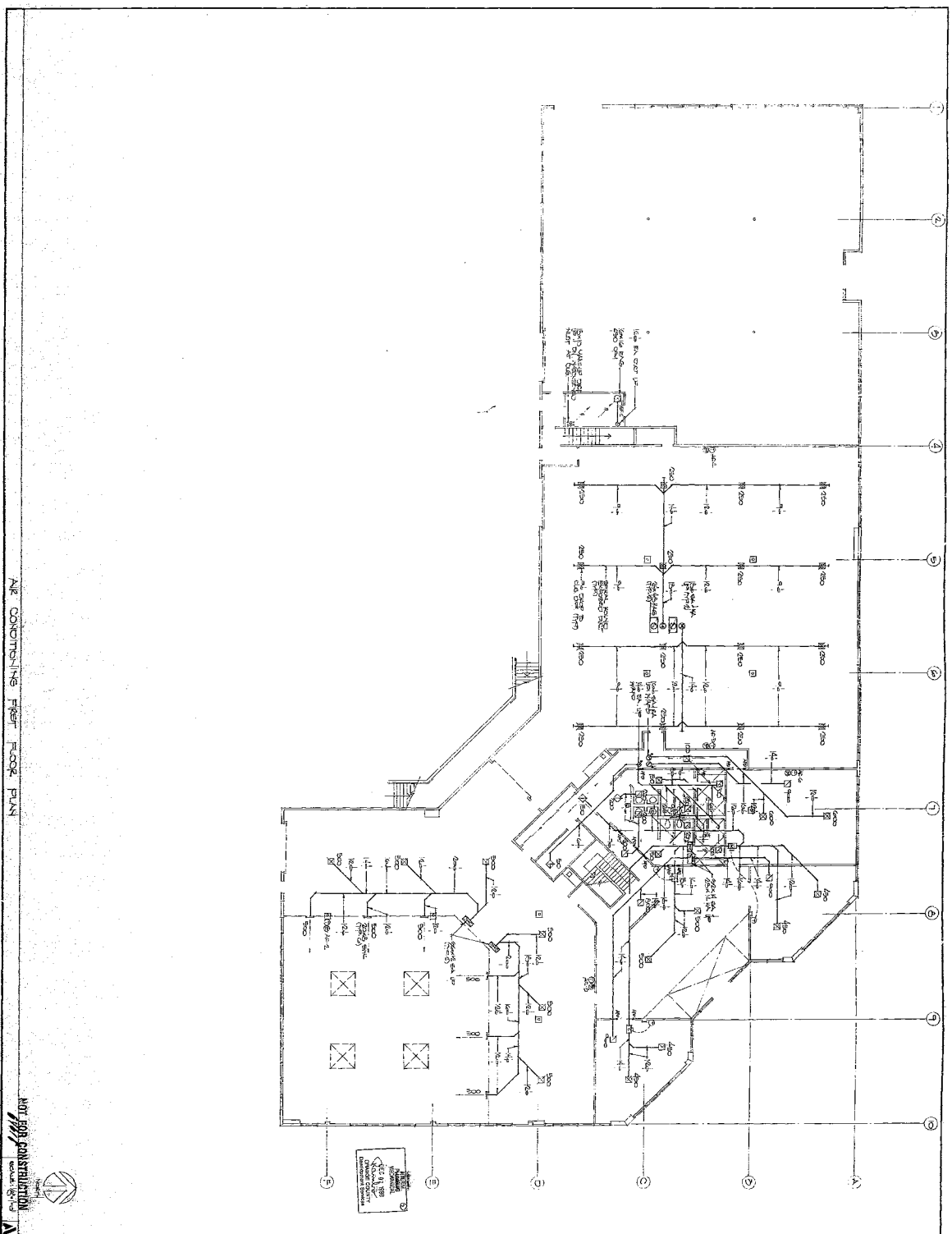
ARCHITECTURE
BANZUELO/BIERSON / DUFF
& ASSOCIATES, INC.
4504 EAST LA PALMA AVENUE, SUITE 200
ANAHEIM, CA 92807-1907 (714) 777-0606

MECHANICAL ENGINEERING
ADVANCED MECHANICAL SYSTEMS, INC.
www.ams-hvac.com

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7854

Kaminari
#15 ARGONAUT DRIVE
ALSO: VIEJO, CALIFORNIA

DATE
SCALE AS NOTED
DRAWN TM/HAL
JOB 88-54
SHEET AC-1
OF 9 SHEETS



AIR CONDITIONING FIRST FLOOR PLAN

NOT FOR CONSTRUCTION

Kaminari

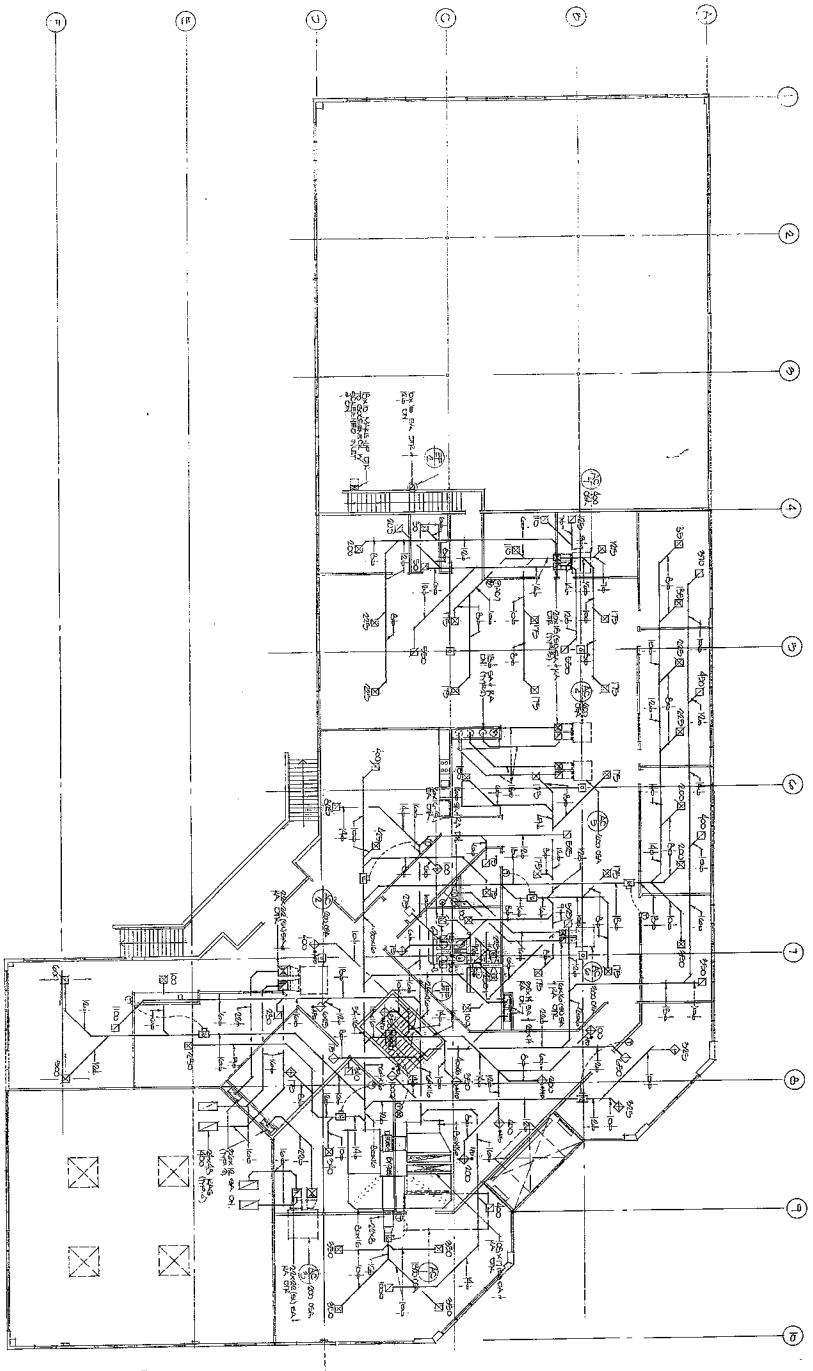
#15 ARGONAUT DRIVE
ALISO VIEJO CALIFORNIA

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714)833-2090 FAX (714)833-7854

APPLIED MECHANICAL SYSTEMS, INC.
3617

ARCHITECTURE LAND PLANNING
BANZUELO/RIERSON/DUFF
& ASSOCIATES, INC.
4501 EAST LA PALMA AVENUE Suite 200
ANAHEIM, CA 92807-1907 TEL 971-0666

AC-2



NOT FOR CONSTRUCTION

AIR CONDITIONING SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

A-3.2

Kaminari

#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA 92660
(714)833-2060 FAX (714)833-7854

APPLIED MECHANICAL SYSTEMS, INC.

ARCHITECTURE / LAND PLANNING
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.
4501 EAST LA PALMA AVENUE
ANAHEIM, CA 92807-1907

ELECTRICAL SYMBOL LIST

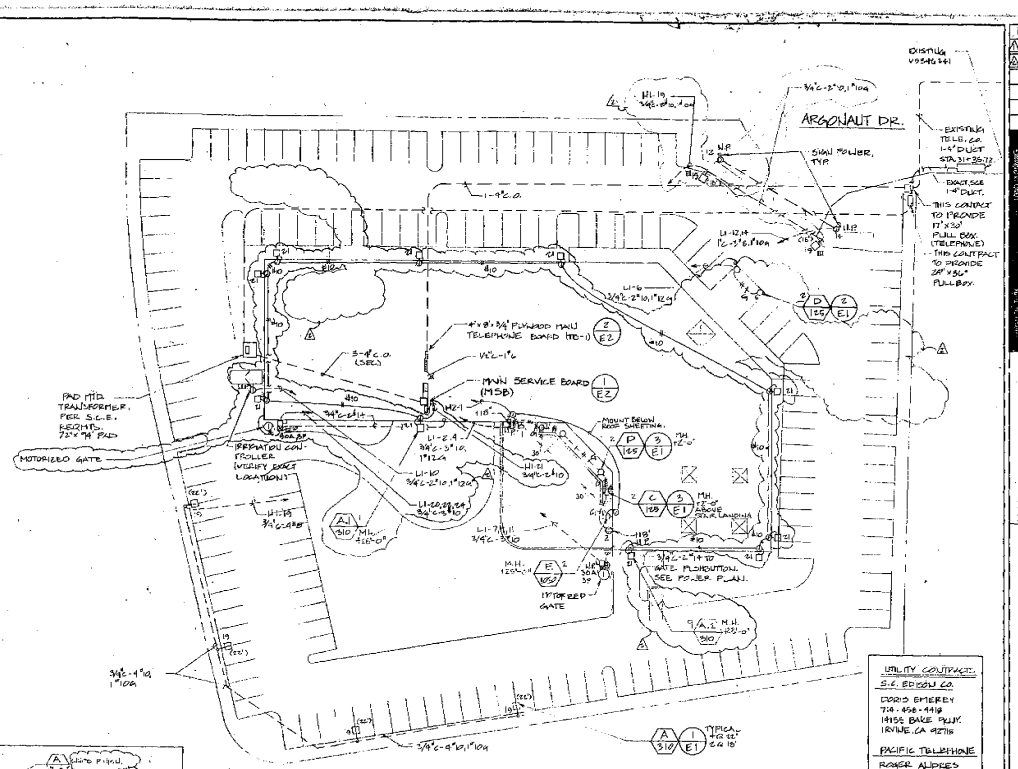
- FLUORESCENT STRIP LIGHT
- FLUORESCENT FIXTURE
- RECESSED INCANDESCENT FIXTURE
- INCANDESCENT FIXTURE
- INCANDESCENT FIXTURE WALL MOUNTED
- EXIT LIGHT FIXTURE WALL MOUNTED
- EXIT LIGHT FIXTURE CEILING MOUNTED
- ARROW INDICATES DIRECTION
- FLOODLIGHT FIXTURE & OUTLET BOX
- JUNCTION BOX - CEILING MOUNTED
- JUNCTION BOX - WALL MOUNTED
- PARKING LOT STANCHION & LUMINAIRE
- DUPLEX CONVENIENCE OUTLET, WALL MOUNTED
- DUPLEX CONVENIENCE OUTLET W/ SPLITWIRED
- SPECIAL OUTLET AS NOTED
- DUPLEX CONVENIENCE OUTLET IN FLUSH FLOOR BOX
- SPECIAL OUTLET - WALL MOUNTED
- TELEPHONE OUTLET
- EXHAUST FAN
- MOTOR OUTLET
- S SINGLE POLE TOGGLE SWITCH
- D2 DOUBLE POLE TOGGLE SWITCH
- D3 THREE WAY TOGGLE SWITCH
- D4 FOUR WAY TOGGLE SWITCH
- 5D KEY OPERATED SWITCH
- DIMMER CONTROL
- THERMOSTAT MOUNTED UNITS CONTROLLED
- PILOT LIGHT & TOGGLE SWITCH
- TIME CONTROLLED SWITCH
- MOTOR STARTING SWITCH
- CONCEALED RUN CONCEALED ABOVE CEILING OR IN WALLS
- CONCEALED RUN UNDERGROUND IN OR UNDER SLAB OR BELOW GRADE
- DENOTES CKT #=POWER
  - #4 #1 1/4"C. — #2 — #1 1/4"C.
  - #4 #1 3/4"C. — #3 — #1 1/4"C.
  - #4 #1 3/4"C. — #4 — #1 1/4"C.
  - #4 #1 1/2"C. — #5 — #1 1/4"C.
  - (#4 #1 1/2"C. = CONCENT HOME RUNNED OUT OF PLAN (#4#1 1/2"C.)
- DENOTES FLOOR CORE 1 1/2"Ø MINIMUM TO FRAME 3/4"
- CONDUIT UP
- CONDUIT DOWN
- EXISTING CIRCUIT, AS SHOWN
- DENOTES EQUIPMENT & CIRCUITION (SEND NUMBER)
- FURNISHED MOTOR STARTER
- MAGNETIC MOTOR STARTER
- PUSHBUTTON
- COMBINATION MAGNETIC ENCLOSURE SWITCH
- LIGHTING PANEL RECESSED IN WALL
- LIGHTING PANEL SURFACE MOUNTED
- THERMAL CABINET
- MAIN SWITCHBOARD
- TELEPHONE OUTLET BOX WITH COVER PLATE WALL MOUNTED
- TELEPHONE OUTLET BOX WITH COVER PLATE ON FLUSH FLOOR BOX
- TELEPHONE BACKBOARD
- TELEPHONE CONDUIT - WITH PULL WIRE
- WEATHERPROOF
- DATA OUTLET WALL MOUNT (SIMILAR TO TELEPHONE) MIN 3'-6" O.C. UP TO ACCESSIBLE CEILING SPACE.
- DATA OUTLET FLUSH FLOOR FINISH FLUSH WITH 2'-0" UP TO ACCESSIBLE CEILING SPACE.
- NL LIGHT LIGHT CIRCUIT (CONNECTED TO PANEL PZ)

F.B.O. FURNISHED BY OTHERS.

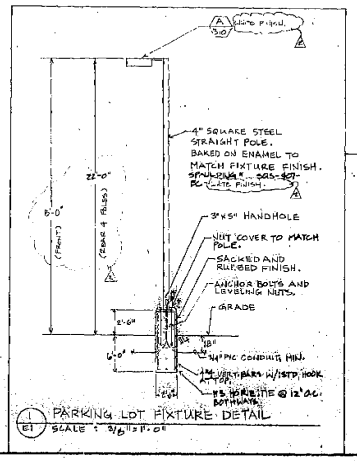
- TRANSFORMER 208/Y VOLT TO 120/240 VOLT SINGLE PHASE IN NEMA 1 BOX. LOCATED ABOVE CEILING.
- PASSIVE HUB, LOCATE IN WALL 12" BOX WITH BLANK COVER.
- (AH) ACTIVE HUB (LOCATED IN COMPUTER ROOM) F.B.O.

GENERAL NOTES

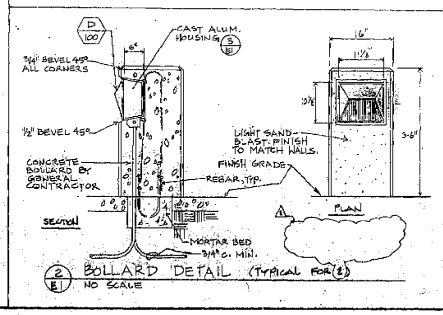
1. THE INTENT OF THESE DRAWINGS IS TO DESCRIBE A COMPLETE AND OPERABLE SYSTEM. BRING ANY QUESTIONS TO ENGINEERS ATTENTION PRIOR TO BIDDING.
2. PROVIDE GROUNDING WHERE INDICATED OR REQUIRED BY CODE.
3. ALL INSTALLATIONS SHALL COMPLY FULLY WITH ALL REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (N.E.C.). MATERIAL SHALL BE U.L. LABELED OR LISTED.
4. WHERE NON-METALLIC CONDUIT IS USED, PROVIDE GROUND WIRE.
5. ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURERS REQUIREMENTS. PREMISES SHALL BE CLEANED OF DIRT AND DEBRIS.
6. SUBCONTRACTOR SHALL FURNISH FOR APPROVAL, SHOP DRAWINGS OF ELECTRICAL EQUIPMENT, MOTOR STARTERS, LIGHTING FIXTURES, AND DEVICES PRIOR TO PURCHASE.
7. ALL CONDUCTORS SHALL BE COPPER TYPE "THWN" #6 GA. AND SMALLER GRADE AND TYPE "THHN/THWN" FOR EXPOSED AND ABOVE GRADE WORK.
8. FURNISH AND PAY FOR ALL PERMITS, INCLUDING ELECTRICAL UTILITY CHARGES AND BUILDING DEPARTMENT PERMIT CHARGES.
9. COORDINATE ELECTRICAL WORK WITH REQUIREMENTS OF OTHER TRADES.
10. PROVIDE CONDUIT BETWEEN THERMOSTATS, AIR CONDITIONING CONTROL PANELS, MOTOR STARTERS, SOLENOID VALVES, AND AIR CONDITIONING UNITS. SEE MECHANICAL PLANS FOR CONTROL WIRE SIZES OR SIZE PER N.E.C.
11. IN ADDITION TO WIRING HERE INDICATED, CONTRACTOR SHALL PROVIDE MECHANICAL AND OTHER ITEMS AS REQ'D TO BID AND INCLUDE ALL WIRING MATERIALS (INCLUDING RELAYS AND CONTROL DEVICES) INDICATED ANYWHERE AS PART OF ELECTRICAL WORK.
12. EACH SWITCH TO BE IN SEPARATE 2" X 3" BOX OR 2" X 3" SPACE IN GANG BOX.
13. THE ELECTRICAL SUBCONTRACTOR MUST BE LICENSED BY THE STATE OF CO AND MUST VISIT THE JOB SITE PRIOR TO BIDDING. EXAMINE EXISTING CONDITIONS, AND INCLUDE IN HIS BID ALL LABOR AND MATERIAL TO INTERFACE WITH EXISTING SYSTEMS.
14. ALL PANELS WHICH INDICATE "ON" CLOCKS (TIME) CONTROL SHALL BE FURNISHED WITH A SEPARATE COMPARTMENTED BOARD W. SEPARATE DOOR. COMPARTMENT SHALL BE COMPLETE WITH THERMOMETER OF TIME SWITCHES, INDICATED. COMPARTMENT BOARD, NAME SPACE PER TYPE, ACCESSORIAL TIME SWITCHES. TIME SWITCH SHALL HAVE SILVER CONTACTS 30 AMP RESISTIVE RATING. FURNISH EQUAL NUMBERS OF CONTACTS AS CIRCUITS CONTROLLED PLUS ONE SPARE. POLL, 100%, INTERMATIC, ART OR EQUAL.
15. THE CONTRACTOR SHALL COORDINATE AND PROVIDE ALL CONDUIT, WIRE, AND BASIC (E) COMPANIES REQUIREMENTS FOR COMMUNICATIONS, SUCH AS TELEPHONE, DATA, ETC. THE CONTRACTOR SHALL PROVIDE ALL BACK BOXES, CONDUIT AND RACEWAY FOR FOUNDATION AND INSTALLING THE REQUIRED EQUIPMENT TO BID.
16. OBTAIN ELECTRICAL SERVICE CAPACITY AVAILABLE FROM THE POWER COMPANY PRIOR TO BID. EQUIPMENT, GUESTS, AND CIRCUIT PROTECTIVE DEVICES SHALL HAVE A MINIMUM RATING TO PROTECT THE ELECTRICAL SYSTEM AGAINST THE MAXIMUM AVAILABLE FAULT CURRENT.
17. REFER TO ARCH. PLANS FOR EXACT LOCATION OF LIGHT FIXTURES.
18. CONDUIT TO BE DROPPED FIXTURES DIRECTLY TO STRUCTURAL OVERHEAD WITH TWO (DIAGONAL CORNERS) #10 WIRES.



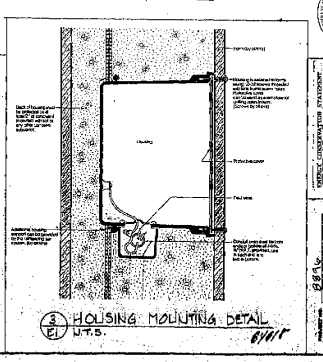
1 E1 ELECTRICAL SITE PLAN
SCALE: 20'=1'-0"



1 E1 PARKING LOT FIXTURE DETAIL
SCALE: 3/8"=1'-0"



2 E1 BOLLARD DETAIL (TYPICAL FOR 2)
NO SCALE



3 E1 HOUSING MOUNTING DETAIL
N.T.S.

INTERIM ELECTRICAL APPROVED JAN 14 1998 ORANGE COUNTY Dave Quinton Supervisor

REVISIONS

BY	
1/16/98	LDM
1/28/98	LDM
3/5/98	LDM

BANZHELO/RIERSON/DUFF & ASSOCIATES, INC.

DEVELOPER: KAMINARI BUILDING PARTNERS, 4350 VON KARMAN, NEWPORT BEACH, CA 92660, (714) 833-2500 FAX (714) 833-2545

Kaminari

417 ARGONAUT DRIVE, ALISO VIEJO, CALIFORNIA

ELECTRICAL SITE PLAN, NOTES & SYMBOLS

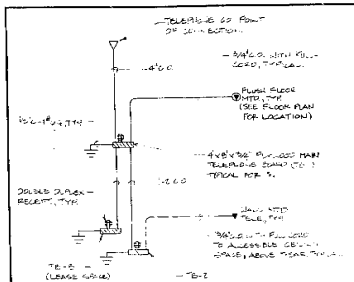
DATE: 1/8/98

SCALE: NOTED

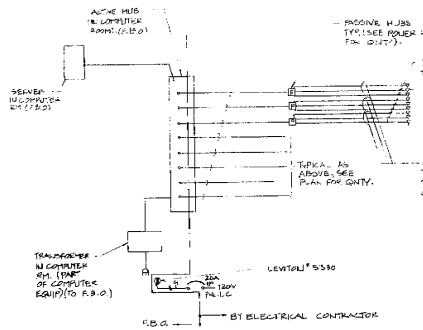
JOB NO. 9816

E1

WILLIAM B. ASSOCIATES, electrical engineers, 1000 S. ANAHEIM BLVD., SUITE 107, ANAHEIM, CA 92805, (714) 535-4646

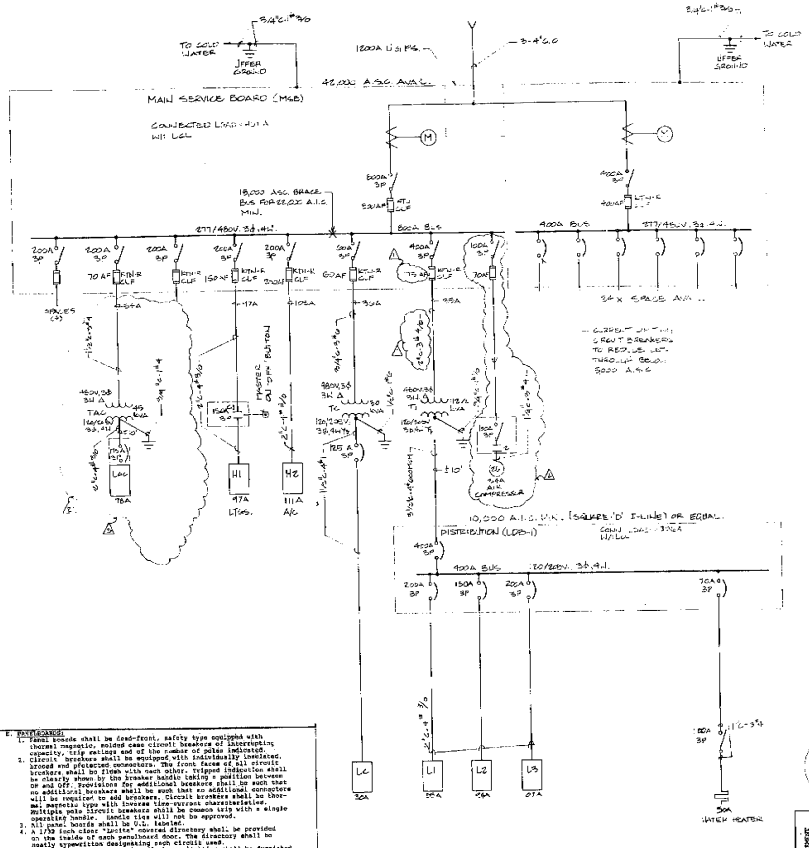


4 / E2 TELEPHONE RISER DIAGRAM



3 / E3 BLOCK DIAGRAM LOCAL AREA NETWORK

N.T.S.



SINGLE-LINE DIAGRAM 1 / E2

Δ - FUSE PER MANUF. NAME-PLATE DATA.

SECTION 16001 - ELECTRICAL WORK

ELECTRICAL WORK 16001

1. GENERAL:
1.01 REFERENCES:
All General, supplementary, special conditions and Division 1 apply to this Section.
1.02 SCOPE:
As indicated on Electrical Drawings.
1.03 ORDINANCES AND REGULATIONS:
All work under this Division shall comply with the most rigid requirements of the latest editions of the following: Electrical Code, the California Administrative Code - Title 24 - State Building Standards - Part 3 - State Electrical Regulations, all local codes, and Title 24 Calculation Amendments.
1.04 PERMITS AND INSPECTIONS:
The Contractor shall obtain and pay for all permits and inspections required for the work by all legally constituted authorities having jurisdiction. Certificates of all such permits and inspections shall be delivered to the Owner's representative.
1.05 TESTS:
The Contractor shall perform all electrical tests as required and he shall perform a complete "in service" operation of the entire electrical system to the full satisfaction of the Owner.
1.06 GUARANTEE:
Should any trouble develop within one (1) year from the date of acceptance of the building, due to faulty or defective workmanship, materials and/or workmanship, the trouble shall be corrected by the Contractor without expense to the Owner.
1.07 RECORD DOCUMENTS:
The Contractor shall keep an accurate dimensioned record of the installed locations of all buried conduits and data, and shall furnish to the Architect two (2) complete sets of reproducible drawings marked to show the electrical systems exactly as installed. Architect and Engineer names shall not appear on the Record Documents.
2. PRODUCTS:
2.01 MATERIALS:
All materials, appliances, fixtures and equipment shall be new and of the best grade of the respective kind free from all defects and of the make, brand and quality specified. Materials for similar use shall be of the same type and manufacture. All materials shall be U.L. labled.
2.02 PROTECTION OF FINISH:
The Contractor shall fully protect all finished parts of the materials and equipment against damage from whatever cause during the progress of the work and until final completion.
2.03 MATERIALS:
A. CONDUIT: The term conduit shall refer to rigid heavy wall galvanized or sherardized steel conduit, rigid heavy wall aluminum conduit, electrical metallic tubing (EMT), flexible metal conduit, schedule 40 PVC conduit.
1. Conduits run exposed and subject to mechanical injury shall be rigid heavy wall galvanized steel or aluminum. Aluminum conduit may not be used below grade or imbedded in concrete.
2. Conduits run exposed outside or in floor slabs shall be rigid heavy wall galvanized or sherardized steel.
3. Conduits run below grade, exterior to the building, shall be schedule 40 heavy wall, high impact poly vinyl chloride electrical conduit. A ground wire shall be installed on all PVC conduits.
4. Conduits for lighting circuits and 120 volt outlet circuits shall be EMT where not subject to mechanical injury.
5. Conduit where allowed for lighting circuits and 120 volt outlets, shall be flexible metal conduit in stud walls & ceilings.
6. Plenums cowbell shall be installed to all rotating or vibrating equipment.
7. "Sealtite" conduit shall be used for all exterior equipment.
8. No running threads will be permitted.
9. All conduit bodies installed in any location where the pressure of moisture is apparent, shall be equipped with rubber gaskets.
10. The Sub-Contractor shall furnish and install fittings, special devices and materials which may be required for the proper installation of the conduit system.

B. OUTLET BOXES:
1. Outlet boxes and covers shall be galvanized or sherardized, one piece pressed steel, knockout type of approved manufacture. Boxes for multiple devices shall be gang type.
2. Outlet boxes shall be equipped with plaster rings, extension rings, or fixture studs as may be required.
3. Bodies exposed to damp or other moisture shall be Crouse-Hinds type FS or equivalent cast boxes with appropriate covers and gaskets; painted to match adjoining finish.

C. WIRING DEVICES (AND PLATES):
1. Switches: Switches shall be Slarca 1464.
2. Receptacles shall be Slarca 5711, single pole, and 5713, three way.
3. Plates shall be brushed stainless steel or Slarca plastic, smooth style standard.

D. WIRE: (CONDUCTORS)
1. 600 VOLTS: Furnish and install conductors of the size and type shown on the drawings and as herein specified. All conductors under this section shall be copper, as shown on the one-lined diagram. Type THW and rated at 600 volts service. Wires allowed by local code.
2. Insulation for conductors shall conform to the following: Wire sizes No. 12 to No. 8 shall be Type THW wire also No. 6 and larger shall be type XHW or THW.
3. All branch circuit wire shall be color coded throughout.

E. PANELBOARDS:
1. Panel boards shall be dead-front, safety type equipped with thermal magnetic, molded case circuit breakers of interrupting capacity, trip ratings and of the number of poles indicated.
2. Circuit breakers shall be trip free with individually insulated, pivoted and plated contacts. The front faces of all circuit breakers shall be flush with each other. Tripped indication shall be given by which by the breaker handle taking a position between on and off. Provisions for additional breakers shall be such that no additional brackets shall be such that no additional connectors will be required to add breakers. Circuit breakers shall be thermal-magnetic type with inverse time current characteristics. Multiple pole circuit breakers shall be common trip with a single operating handle. Handle ties will not be approved.
3. All panel boards shall be U.L. listed.
4. A 1/32 inch clear "Lucite" covered directory shall be provided on the inside of each panelboard door. The directory shall be neatly typewritten designating each circuit used.
5. All circuit breakers serving dischargo lighting shall be furnished with a lockoff device.

F. MAIN METERED SERVICE DISTRIBUTION BOARD shall be circuit breaker or fused disconnect type as required to minimize the let-through current in the panel to maximum 13,000 IR.

G. DISCONNECT SWITCHES: Disconnect switches shall be fused, unfused or as indicated on the drawings, with three poles and for the application in which it is mounted. Enclosure shall be horsepower rated, heavy duty with cylinder locks, quick-break mechanisms. Switch handles shall be capable of being locked in open or closed position and rated heavy duty.

H. TELEPHONE & INTERCOM SYSTEMS: Contractor shall furnish and install all conduit and pull boxes required for the telephone and intercom systems.

I. GROUNDING: The power system shall be grounded in accordance with the provisions of the National Electric Code.

2.04 LIGHTING FIXTURES:
Furnish as shown on Electrical Drawings.

3. EXECUTION:
3.01 VERIFICATION OF DIMENSIONS:
The Contractor shall carefully check the drawings to see that the equipment he contemplates installing will fit into the spaces provided.
3.02 LOCATIONS:
Prior to rough-in, minor adjustments to outlet locations may be made without additional compensation.
3.03 INSTALLATION:
Install in conformance to governing codes and Electrical Drawings.

END OF SECTION

E4/88

ARCHITECTURE: BANZUELO/THERSON/DUFF & ASSOCIATES, INC. LAND PLANNING
DEVELOPER: KAMINARI BUILDING PARTNERS 4350 VON KARMAN NEWPORT BEACH, CA. 92660 (714)833-2090 FAX (714)833-2884

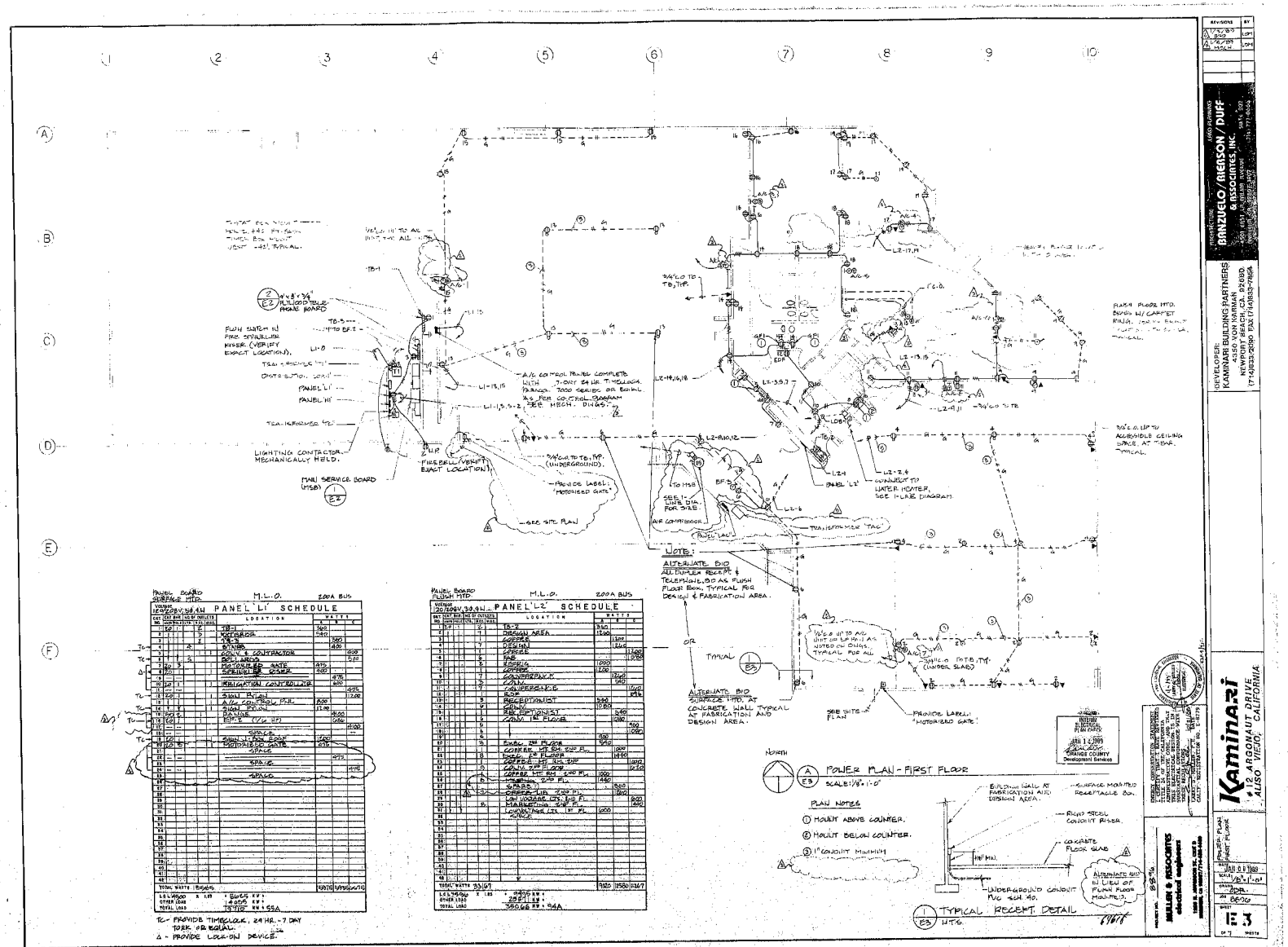
REVISIONS	BY
4/11/88 ADDN'L OUTL	LCH
7/19/88 PER PLAN CHK	LCH
8/5/88 PER PLAN CHK	LCH

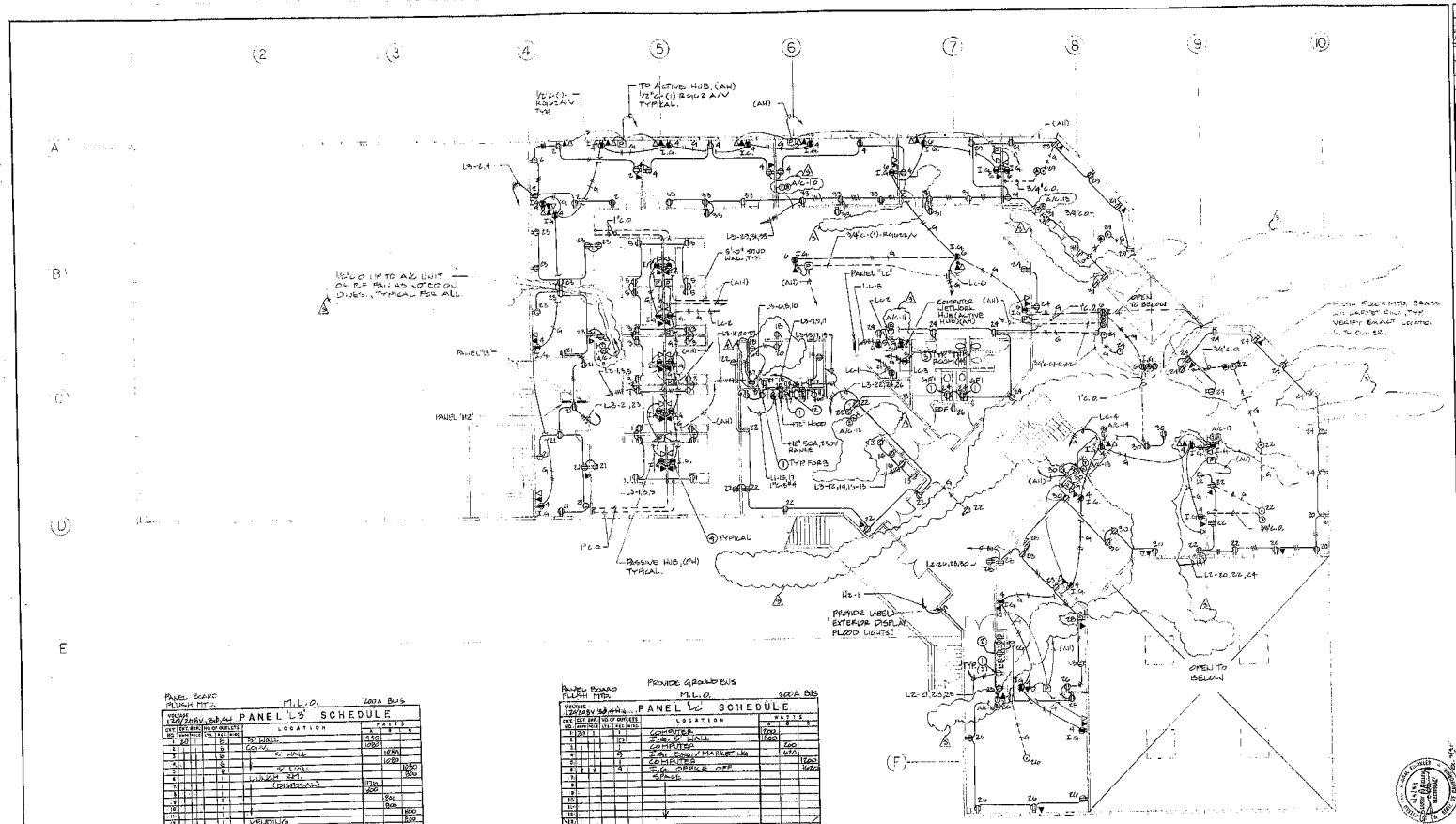
Kaminari
#12 ARGONAUT DRIVE ALISO VIEJO, CALIFORNIA

RUBLINS & ASSOCIATES structural engineers

DRAWING COUNTY Development Services

DRAWING: ELECTRICAL DIAGRAMS, SCHEDULES & SINGLE-LINE DIAGRAM
DATE: JAN 08 1989
BY: MCHALE
CHK'D: DCB
JOB: 88-34
SHEET: E2
OF: 7 SHEETS


PANEL L1 SCHEDULE
PANEL L2 SCHEDULE
POWER PLAN - FIRST FLOOR
SCALE: 1/8" = 1'-0"
PLAN NOTES
1 HAUNT ABOVE COUNTER.
2 HAUNT BELOW COUNTER.
3 1" CONDUIT MINIMUM
TYPICAL RECEPT. DETAIL
NOTE:
ALTERNATE BID
ALL DUPLEX RECEPT. & TELEPHONE/DATA AT FLUSH FLOOR BOX, TYPICAL FOR DESIGN & FABRICATION AREA.
LIGHTING CONTACTOR MECHANICALLY HELD.
MAIN SERVICE BOARD (MSB)
FIRE BELL/STROBE EXACT LOCATION
SEE SITE PLAN
AIR COMPRESSOR
PROVIDE LABEL: "MOTORIZED GATE"
FLUSH FLOOR MTD. BOXES W/ CARPET RINGS. TOP TO BE LEVEL WITH FINISH FLOOR. TYPICAL.
TO MSB
TO HP
TO TB, TYP.
TO TB, TYP. (UNDER SLAB)
CONDUIT TO WATER HEATER, SEE PLANS DIAGRAM
TYP. ISOLATION VALVE
SEE SITE PLAN
PROVIDE LABEL: "MOTORIZED GATE"
TYPICAL
OR
ALTERNATE BID SURFACE MTD. AT CONCRETE WALL TYPICAL AT FABRICATION AND DESIGN AREA.
BUILDING WALL AT FABRICATION AND DESIGN AREA.
SURFACE MOUNTED RECEPTACLE BOX.
RIGID STEEL CONDUIT RISER.
CONCRETE FLOOR SLAB
18" MIN.
UNDERGROUND CONDUIT PVC SCH 40.
ALTERNATE BID IN LIEU OF FLUSH FLOOR MOUNTED.
TYPICAL RECEPT. DETAIL
NTS
TC- PROVIDE TIMECLOCK, 24 HR. - 7 DAY TORK OR EQUAL.
Δ - PROVIDE LOCK-ON DEVICE.
DEVELOPER: KAMINARI BUILDING PARTNERS 4 MACARTHUR PLACE, SUITE 1000 NEWPORT BEACH, CA. 92660 (714)833-2690 FAX (714)833-7864
ARCHITECTURE: BANZUELO / AIERSON / DUFF & ASSOCIATES, INC.
MILLER & ASSOCIATES electrical engineers
Kaminari #12 ARGONAUT DRIVE ALISO VIEJO, CALIFORNIA
REVISIONS
DATE: JAN 06 1999
SCALE: 1/8"=1'-0"
DRAWN: DGR
JOB NO: 9806
SHEET: E3
OF 7 98019



PANEL BOARD FLUSH MTD. M.L.O. 100A BUS

PANEL 'LS' SCHEDULE

CKT NO.	DESCRIPTION	WATTS A	WATTS B	WATTS C
1	20 1 5 6 TO WALL	440		
2	6 CONV.	1080		
3	6		1680	
4	6 TO WALL		1080	
5	6 LUNCH RM. (ORIGINAL)	720	360	
6				360
7	1	360		
8	1		360	
9	1			1080
10	1 VESTIBULE	360		
11	1		1080	
12	1			360
13	1	1080		
14	1 LOBBY RM.		1080	
15	1 VESTIBULE			1080
16	1 EXPRESS RM.	1080	180	
17	1			1080
18	1	720		
19	1		360	
20	1			360
21	7 CONV.		1440	
22	7			1440
23	20 1			1440
24	10 7 ROOF MTD. BLWR.	1440		
25	1 7 RISE	1440		
26	1 LOBBY RM.		1080	
27	1 EXPRESS RM.		540	
28	1 A/C CONDR.			1080
29	20 1 CONV.	1440		
30	1 SPARE		900	
31	15 1 CONV.			900
32	1 P.P.S. (1/2 HP)	540		
33	SPARE			600
34	SPARE		600	
35				
36				
37				
38				
39				
40				
41				
42				
	TOTAL WATTS 3600	7200	8196	7560

LCL 7400 X 1.25 = 9250 KW
OTHER LOADS 7560 KW
TOTAL LOAD 16810 KW = 107A

TC PROVIDE 24HR. 7-DAY TIMECLOCK

PANEL BOARD FLUSH MTD. PROVIDE GROUNDBUS M.L.O. 100A BUS

PANEL 'LC' SCHEDULE

CKT NO.	DESCRIPTION	WATTS A	WATTS B	WATTS C
1	20 1 COMPUTER	1200		
2	1 TYP. 6 WALL	1800		
3	1 COMPUTER		1200	
4	1 P.P. RM. / MARKETING		1680	
5	1 COMPUTER			1200
6	1 TYP. OFFICE OFF.			1680
7	SPACE			
8				
9				
10				
11				
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41				
42				
	TOTAL WATTS BOARD	3000	3880	2880

LCL BOARD X 1.25 = 10800 KW = 90A
OTHER LOADS KW =
TOTAL LOAD KW =

NORTH

A E4 POWER PLAN - SECOND FLOOR
SCALE: 1/8" = 1'-0"

PLAN NOTES
1. MOUNT ABOVE COUNTER
2. MOUNT BELOW COUNTER
3. BROWN FACE DUPLEX WITH SURGE SUPPRESSOR, ISOLATED GROUND. LEVITON #5300 OR EQUAL.
4. ORANGE FACE DUPLEX ISOLATED GROUND RECEPT.

INTERIM ELECTRICAL PLAN CHECK JAN 17 1989 ORANGE COUNTY Development Services

ENERGY CONSERVATION STANDARDS
T-24 ENERGY CALCULATIONS
T-24 ENERGY CONSERVATION FEATURES
SHOWN ON THESE PLANS
THESE PLANS COMPLY WITH T-24 EN
THESE REQUIREMENTS

DATE: 12/28/88
SIGNATURE: [illegible]
REGISTRATION NO. E-12,699

REVISIONS

NO.	DATE	BY
1	1/13/89	JPH
2	1/17/89	JPH
3	1/27/89	JPH
	MECH.	

ARCHITECTURE
BRENZUELO / RIERSON / DUFF & ASSOCIATES, INC.
4221 BIRCH ST. SUITE 100 NEWPORT BEACH, CA. 92660 (714) 752-7222

DEVELOPER:
KAMNARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2060 FAX (714)833-7564

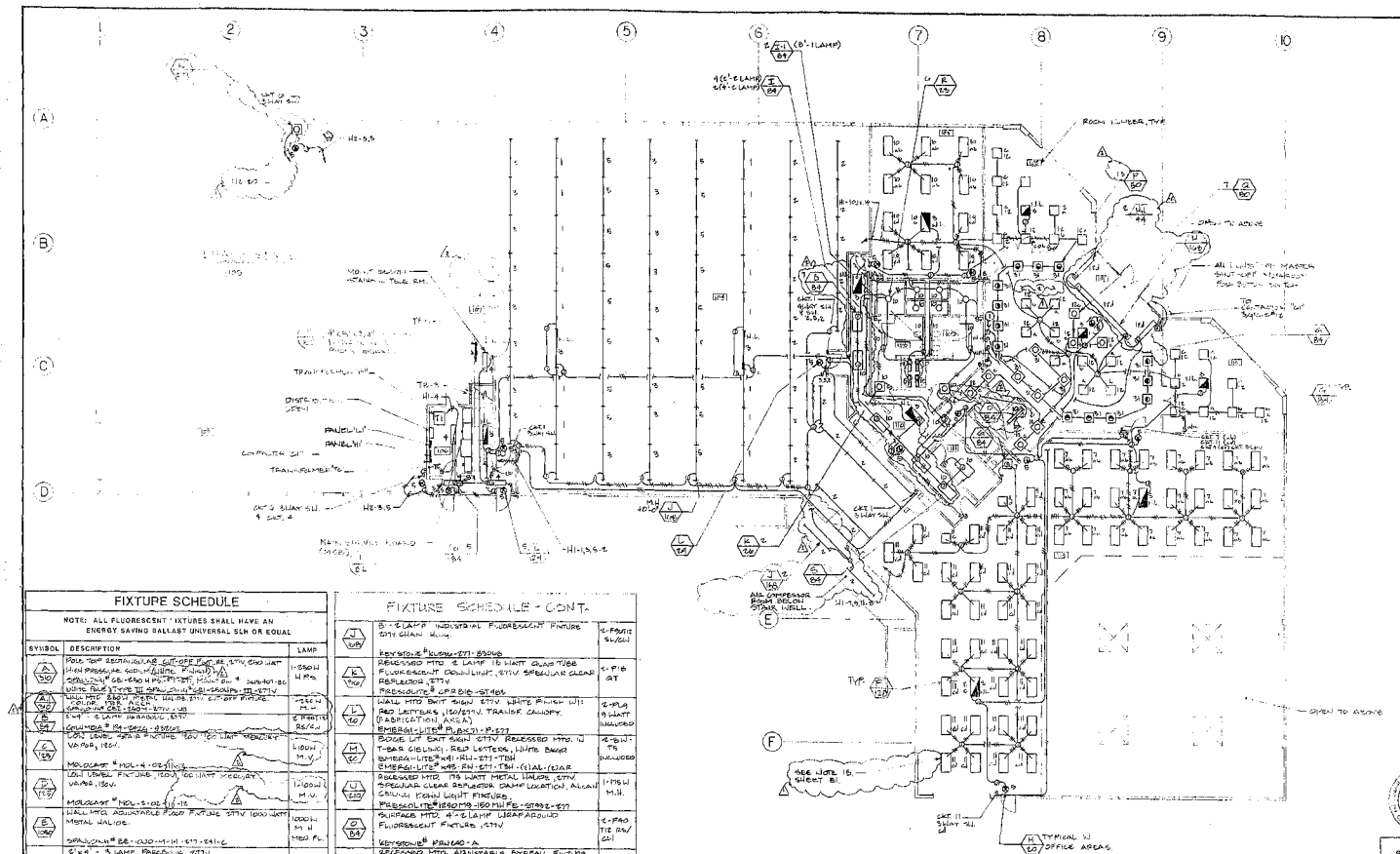
Kaminari
#12 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

POWER PLAN - SECOND FLOOR

JANUARY 6 1989
Scale 1/8" = 1'-0"
Drawn PR
Job 88-34
Sheet E4
Of 4 Sheets

MILLER & ASSOCIATES
electrical engineers
1200 N. JACKSON RD. NO. 3
TUSTIN, CALIFORNIA 92680
(714) 832-8888

6148



FIXTURE SCHEDULE

NOTE: ALL FLUORESCENT FIXTURES SHALL HAVE AN ENERGY SAVING BALLAST UNIVERSAL SLH OR EQUAL

SYMBOL	DESCRIPTION	LAMP
A/S10	POLE TOP RECTANGULAR CUT-OFF FIXTURE, 27TV, 250 WATT HIGH PRESSURE SODIUM, WHITE FINISH, SPAULDING® SG-1250 H PS-PT-277, MOUNTED ON 8' SPAULDING® SG-1401-86 WITH POLE TYPE III SPAULDING® SGH-1250-PS-277TV	1-250W H.P.S.
A/S10	WALL MTD. 250W HIGH PRESSURE SODIUM CUT-OFF FIXTURE, COLOR, TYPE, AS "A" SPAULDING® CRE-1250H-277TV-WB	1-250W H.P.S.
B/B4	2'x4' - 6 LAMP PARABOLIC, 277V.	6-FB40TT8 RS/6LL
C/B4	COLUMBIA® PM-3624-4-277TV	4-F40T12 RS/4LL
D/C2	LOW LEVEL AREA FIXTURE, 150W, DO NOT SPECIFY VAPOR, 150V. MOLDCAST® MDL-4-002 W/HID	1-150W H.P.S.
F/C2	LOW LEVEL FIXTURE, 150W, DO NOT SPECIFY VAPOR, 150V. MOLDCAST® MDL-S-002 W/HID	1-150W H.P.S.
E/C2	WALL MTD. ADJUSTABLE FLOOD FIXTURE, 277V, 1000 WATT METAL HALIDE. SPAULDING® BE-1000-MH-277-CG1-C	1000W M.H. MED FL.
F/B6	2'x4' - 3 LAMP PARABOLIC, 277V. COLUMBIA® PM-3623-4-277TV	3-F40T12 RS/6LL
G/B4	2'x4' - 2 LAMP PARABOLIC, 277V. COLUMBIA® PM-322 U6-4-277	2-F40T12 RS/6LL
H/B6	4'x 1'-7" RECESSED FLUORESCENT FIXTURE COLOR SELECTED BY ARCH. W/ TOTAL LENGTH (LAMP WITH) WALL MOUNTING HEADS, TYP. 8 PLACES, 277V. COLUMBIA® PL-13-42 (2) F0-277	4-F40T12 RS/6LL
H/B6	SIMILAR TO "H" EXCEPT 96" LONG WITH BULLNOSE	3-F40T12 RS/6LL
E/B4	COLUMBIA® PM-1-42-411-277 RECESSED W/ WIDE FLUORESCENT PARABOLIC FIXTURE, 277V. 6 LAMP - 8'x2 4' LOUS COLUMBIA® LUMF-43-455-277 (4'-2 LAMP) COLUMBIA® LUMF-43-655-277 (8'-3 LAMP) SIMILAR TO "E" EXCEPT (LAMP, 277V - 8'PRO LOUS	6-F40T12 RS/6LL & 6-F40T12 TT/RS/6LL
E/B4	COLUMBIA® LUMF-43-81-8-277 (8'-1 LAMP) COLUMBIA® LUMF-43-41-8-277 (4'-1 LAMP)	6-F40T12 RS/6LL & 6-F40T12 RS/6LL

FIXTURE SCHEDULE - CONT.

J/B8	8'-6 LAMP INDUSTRIAL FLUORESCENT FIXTURE WITH CHAIN HUNG. KEYSTONE® KTL4296-277-850MB	6-F96T12 SL/6LL
L/B6	RECESSED MTD. 2 LAMP, 15 WATT QUAD TUBE FLUORESCENT CEILING LIGHT, 277V. SPECULAR CLEAR REFLECTOR, 277V. PRESCOLITE® CFR 215-ST-1015	2-F15 QT
L/C6	WALL MTD EXIT SIGN, 277V. WHITE FINISH W/: RED LETTERS, 150/277V. TRANSF. CANOPY, (FABRICATION AREA) EMERGI-LITE® ELB-RC21-P-277	2-NPLB 9 WATT INCLUDED
M/C2	EDGE LIT EXIT SIGN, 277V. RECESSED MTD. W T-BAR CEILING. RED LETTERS, WHITE BACK BOMBAY-LITE® WE-RW-277-TSW EMERGI-LITE® WRS-RW-277-TSW-(S)AL-(S)AR	2-EW-TS INCLUDED
U/C10	RECESSED MTD. 175 WATT METAL HALIDE, 277V. SPECULAR CLEAR REFLECTOR, DAMP LOCATION, ALCAN CEILING DOWN LIGHT FIXTURE. PRESCOLITE® 1860179-150 MH FE-ST032-277	1-175W M.H.
C/B4	SURFACE MTD. 4'-6 LAMP WRAPAROUND FLUORESCENT FIXTURE, 277V. KEYSTONE® KWH-6-A	6-F40 T12 RS/6LL
P/B0	RECESSED MTD. ADJUSTABLE EYEBALL FIXTURE WITH BLACK BAFFLE & MINI-TRIM, 120V. PRESCOLITE® 18XTP-MLVE-TA96, ALSO LOW VOLTAGE DIMMING SWITCH PRESCOLITE® MLDV	1-150W MR-16 BAU
Q/B0	RECESSED MTD. 9" DIA METAL HALIDE DOWNLIGHT 277V. SPECULAR CLEAR REFLECTOR. PARSCOLITE® 1864 M1-92 MUFB-MS-1860-277	1-92W E-17 M.H. 9.2
E/C2	RECESSED MTD. DROP OPAL SHOWER LIGHT FIXTURE, 277V. PARSCOLITE® C6X (277)-TL-30	1-13W FISDTT/6T
S/B4	2'x 4'- 2 LAMP FLUORESCENT FIXTURE W/: PRISMATIC LENS, 277V. KEYSTONE® KLT240-EMA-754-277	2-F40T12 RS/6LL
T/B6	6"x 9'-4 LAMP PARABOLIC, 277V. COLUMBIA® PM-6-3644-4-277TV	4-F40T12 RS/6LL
A/S10	WALL MTD. 250 W HIGH PRESSURE SODIUM RECTANGULAR CUT-OFF FIXTURE, SIMILAR TO "A" 277V COLOR PER ARCH. SPAULDING® CEI-150HS-PT-277-WB	1-250W H.P.S.

NOTE
SEE DWGS. FOR LOCATION OF LOW VOLTAGE DIMMING SWITCH.

NOTE
W/CLUDE IN BID J-BOX AT LIGHT FIXTURE AS REQUIRED, TYP.

ELECTRICAL LIGHTING PLAN - 1ST FLOOR

SCALE: 1/8" = 1'-0"

PLAN NOTE

① LOW VOLTAGE DIMMER SLIDE SWITCH.
PRESCOLITE® MDLW.

② 6@18AN, CONTRACTOR SHALL PROVIDE 36" MIN BOARD BACK BOX AROUND LIGHT FIXTURE. CONSTRUCTION SHALL BE FOR 1 HOUR FIRE RATING, TYP FOR ALL FIXTURES IN RATED CEILING, OR APPROVED EQUAL WITH FIRE BLANKET.

REVISIONS

	BY
11/15/89 PLAN CHGS	LP
12/1/89 BID	LP

ARCHITECTURE: BANUZELO / NIERSON / DUFF & ASSOCIATES, INC.

DEVELOPER: KAMINARI BUILDING PARTNERS 4380 VON KARMAN NEWPORT BEACH, CA 92660 (714)863-2090 FAX (714)863-7654

Kaminari
AT ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

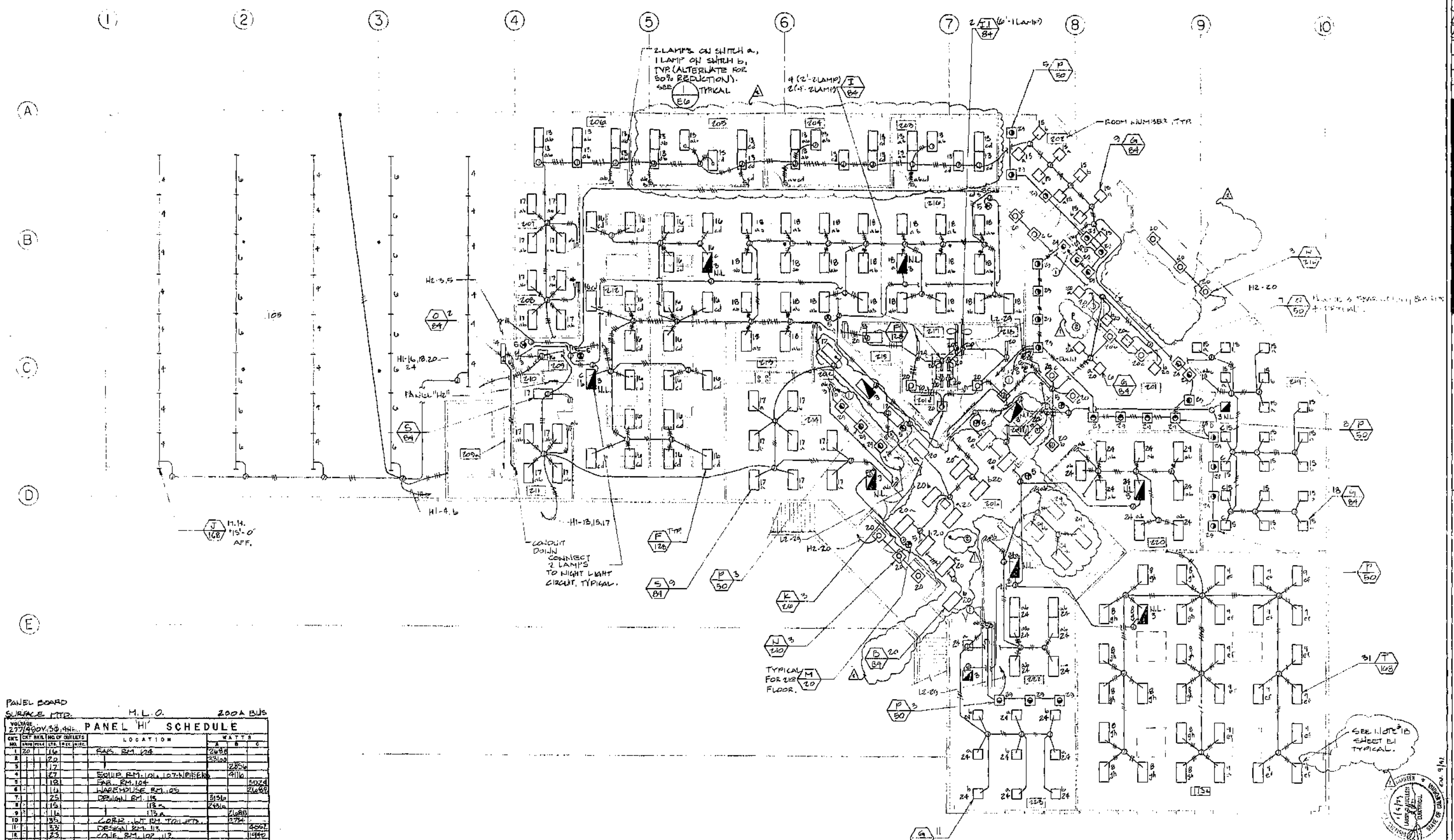
ENERGY CONSERVATION STANDARDS
I HEREBY CERTIFY THAT THE ENCLOSED PLANS AND SPECIFICATIONS COMPLY WITH TITLE 24 ENERGY CONSERVATION STANDARDS AND THAT THE SYSTEMS AND EQUIPMENT SHOWN ON THESE PLANS ARE SIZED AND DESIGNED TO COMPLY WITH THE ENERGY CONSERVATION STANDARDS.
CERTIFIED BY: [illegible] DATE: 11-15-89

MILLER & ASSOCIATES electrical engineers
[illegible]

Electrical Plan Check Approved Jan 17 1990 Orange County Development Services
6 OF 7

LIGHTING PLAN - 1ST FLOOR

DATE: 10-9-89
Scale: 1/8"=1'-0"
DRAWN: JDB
JOB: 88-24
Sheet: E5 OF 7 SHEETS



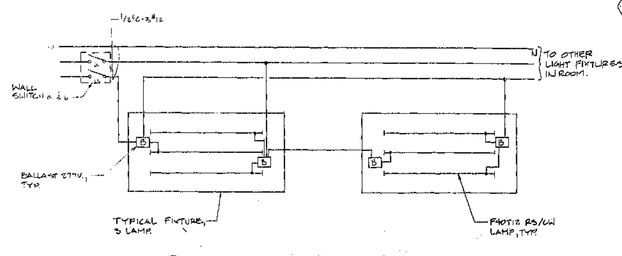
PANEL BOARD
SURFACE MTD. M.L.O. 200A BUS

VOLTAGE 277/480V, 3Ø, 4W. **PANEL 'H1' SCHEDULE**

CKT. NO.	CKT BKR AMPS	CKT BKR POLE	NO. OF OUTLETS LTG.	REC.	MISC.	LOCATION	WATTS A	WATTS B	WATTS C
1	20	1	16			FAB. RM. 124	2688		
2			20				3360		
3			17					2856	
4			27			EQUIP. RM. 106, 107-WAREHOUSE		4116	
5			18			FAB. RM. 104			3024
6			16			WAREHOUSE RM. 105			2688
7			25			DESIGN RM. 115	3156		
8			15			113A	2436		
9			16			113A		2688	
10			35			CORR., WT RM. TOILETS.		2734	
11			33			DESIGN RM. 113			4062
12			23			COLE. RM. 102, 112			1940
13			24			OFFICE 2ND FL. 203-206	3072		
14						LOBBY RM. 101	2500		
15			37			OFFICE 2ND FL. 202, 219		1802	
16			25			212, 213, 216		2900	
17			27			207, 211, 214			2694
18			26			212, 213, 216			5012
19			6			PARKING LOT	1860		
20			41			2ND FLOOR TOILET, LOBBY	3444		
21			10			WALL MTD.		3100	
22						SPACE			
23	20					SPARE			1600
24			32			2ND FLOOR OFF. 220-223			3432
25						SPACE			
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
TOTAL WATTS 65644							21156	21096	22392

LCL 59644 × 1.25 = 74555 KW
OTHER LOAD 1200 KW
TOTAL LOAD 80555 KW = 97A

TC - PROVIDE TIMECLOCK, 7 DAY, 24 HR.



(1/E6) FIXTURE DOUBLE SWITCHING DETAIL
N.T.S.

NOTE
INCLUDE IN BID J-BOX AT LIGHT FIXTURES AS REQUIRED, TYP.

NORTH

(A/E6) LIGHTING PLAN - 2ND FLOOR
SCALE: 1/8" = 1'-0"

PLAN NOTES

① LOW VOLTAGE DIMMER SLIDE SWITCH, PRESCOLITE # P20W

② GENERAL CONTRACTOR SHALL PROVIDE 5/8" GYP BOARD BACK BOX AROUND LIGHT FIXTURE. CONSTRUCTION SHALL BE FOR 1 HR. FIRE RATING. TYPICAL FOR ALL FIXTURES IN RATED CEILING, OR APPROVED EQUAL WITH FIRE BLANKET.

INTERIM ELECTRICAL PLAN CHECK
JAN 14 1989
ORANGE COUNTY Development Services

ENERGY CONSERVATION STATEMENT
I CERTIFY THAT I HAVE REVIEWED TITLE 24 OF THE CALIFORNIA ADMINISTRATIVE CODE, AND THAT THIS ELECTRICAL DESIGN IS IN SUBSTANTIAL CONFORMANCE WITH THESE REGULATIONS.
LARRY D. MULLEN, P.E. DATE
CALIF. REGISTRATION NO. E-5279

PROJECT NO. 8896
MULLEN & ASSOCIATES
electrical engineers

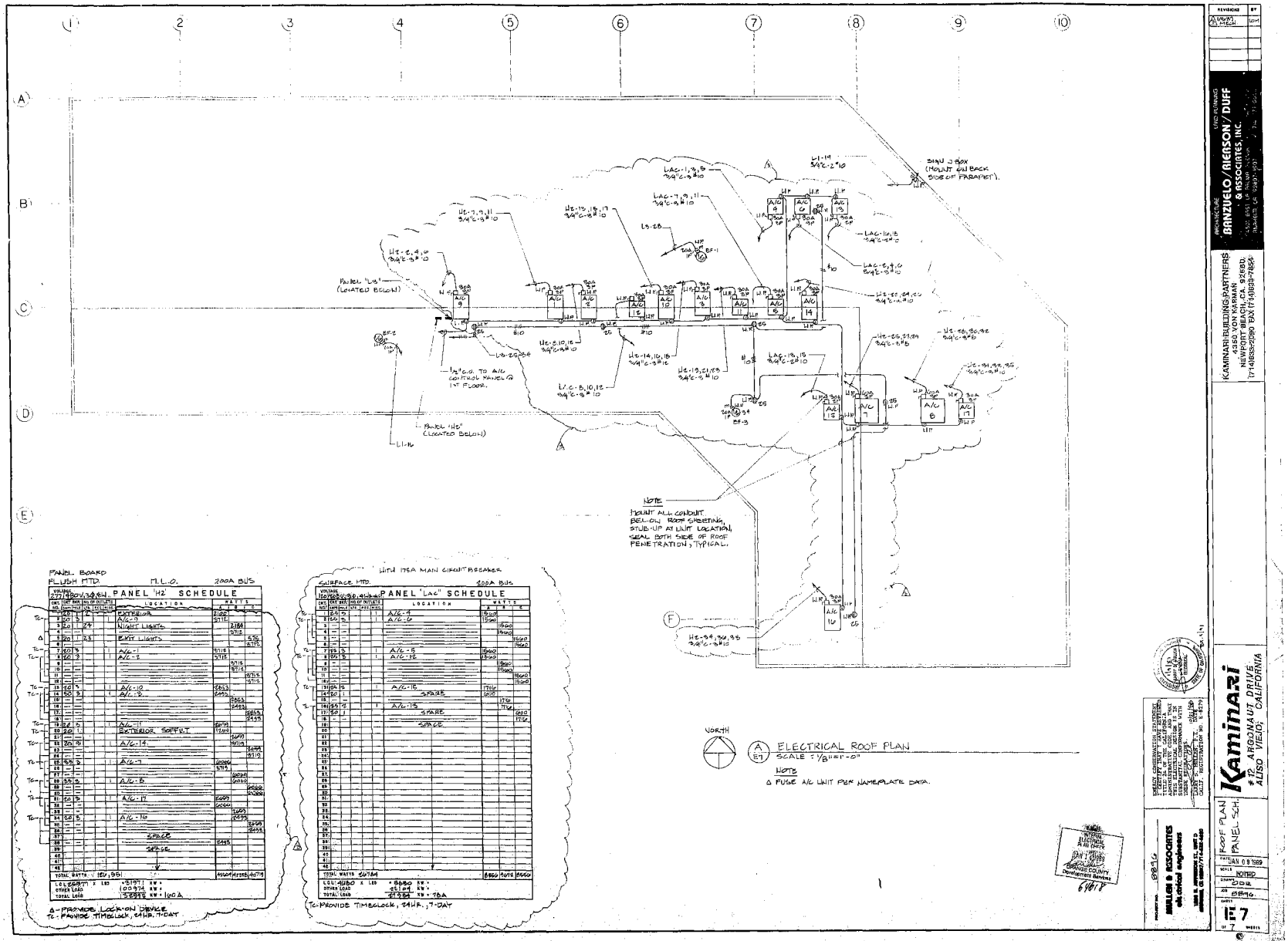
Kaminari
12 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

LIGHTING PLAN, 2ND FLOOR
Date JAN 09 1989
Scale 1/8" = 1'-0"
Drawn JDL
Job 88-84
Sheet E6 of 7 Sheets

DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7854

ARCHITECTURE LAND PLANNING
BANZUELO / RIERSON / DUFF
& ASSOCIATES, INC.

REVISIONS	BY
1 1/12/89 Rev. Per	
2 1/3/89 BLDG	



PANEL BOARD
FLUSH MTD. M.L.O. 200A BUS

PANEL 'H2' SCHEDULE

CKT	CKT BKR	NO. OF OUTLETS	LOCATION	WATTS A	WATTS B	WATTS C
1	20/1	5	EXTERIOR	1160		
2	20/1	5	A/C-3	3716		
3	20/1	24	NIGHT LIGHTS		2184	
4					3712	
5	20/1	23	EXIT LIGHTS			576
6						3716
7	60/3		A/C-1	3716		
8	50/3		A/C-2	3716		
9					3716	
10					3716	
11						3716
12						3716
13	50/3		A/C-10	2853		
14	50/3		A/C-8	2853		
15					2853	
16					2853	
17						2853
18						2853
19	50/3		A/C-11	6693		
20	20/1		EXTERIOR SOFFIT	1160		
21				1160		
22	20/1				1160	
23			A/C-14		3693	
24						3693
25	55/3		A/C-7	6693		
26				5793		
27					6693	
28	55/3		A/C-6		6693	
29						6693
30	50/3		A/C-17	6693		
31				6693		
32					6693	
33	50/3		A/C-16		6693	
34						6693
35			SPACE			6693
36				6693		
37			SPACE			
38						
39						
40						
41						
42						
TOTAL WATTS: 120/240V				45504	47598	46716

LOAD CLASS 1 LBS @ 125% = 21971 KW
OTHER LOAD = 100374 KW
TOTAL LOAD = 139845 KW ÷ 120 A

Δ-PROVIDE LOCK-ON DEVICE
TC-PROVIDE TIMECLOCK, 24HR. 7-DAY

WITH 175A MAIN CIRCUIT BREAKER
SURFACE MTD. 200A BUS

PANEL 'LA6' SCHEDULE

CKT	CKT BKR	NO. OF OUTLETS	LOCATION	WATTS A	WATTS B	WATTS C
1	50/3		A/C-9	15960		
2			A/C-6	15960		
3					15960	
4					15960	
5						15960
6						15960
7	55/3		A/C-5	15960		
8	50/3		A/C-12	15960		
9					15960	
10					15960	
11						15960
12						15960
13/14	125/3		A/C-15	17116		
15/16	50/3			2000		
15			SPARE		1716	
16/17	55/3		A/C-13		7116	
17/18	50/3		SPARE			2000
18						1716
19			SPACE			
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
TOTAL WATTS: 120/240V				8860	46116	35660

LOAD CLASS 1 LBS @ 125% = 8860 KW
OTHER LOAD = 55124 KW
TOTAL LOAD = 63984 KW ÷ 78A

TC-PROVIDE TIMECLOCK, 24HR., 7-DAY

REVISIONS	BY
Δ ADDED A/C UNIT	MAY

ARCHITECTURE
LAND PLANNING
BRANZUELO/RIEGSON/DUFF
& ASSOCIATES, INC.
4350 EAST LA PALMA AVENUE, SUITE 100
ANAHEIM, CA 92807-1697 (714) 693-0900

KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2580 FAX (714)833-2664

Kaminari
#12 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

ROOF PLAN
PANEL SCH.

DATE JAN. 09 1989
SCALE NOTED
JOB 8896
SHEET E7
OF 7 SHEETS

8896

BERGER CONSERVATION ENGINEERS
"I CERTIFY THAT I HAVE PERFORMED THE ENERGY CALCULATIONS FOR THIS PROJECT AND THAT THE ATTACHED DOCUMENTS ARE AN ACCURATE REPRESENTATION OF THE PLANS AND SPECIFICATIONS AND THAT THE BUILDING DESIGN IS SUBSTANTIALLY CONFORMANCE WITH THE ENERGY STANDARDS."
SIGNED [illegible] DATE 1-9-89
CALIF. REGISTRATION NO. E-8279

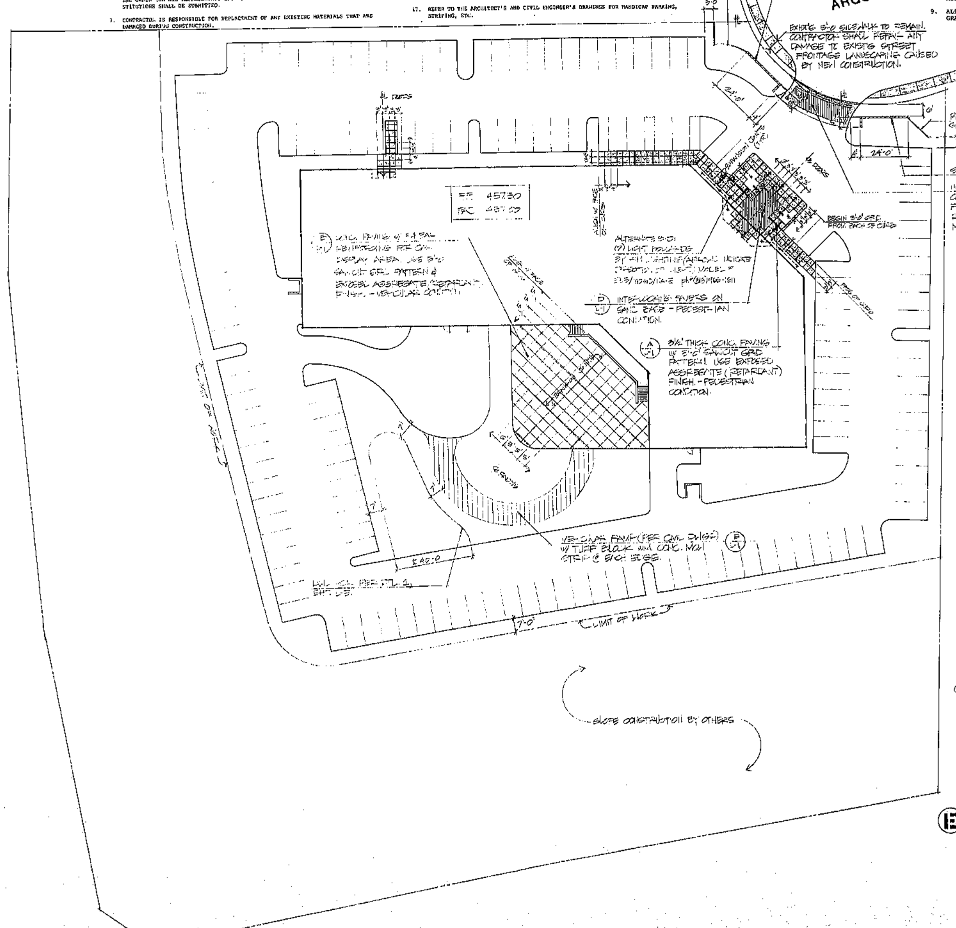
MEULER & ASSOCIATES
electrical engineers
JAMES R. MEULER PE, MFP
CA. REG. E-8279

INTERIM ELECTRICAL PLAN CHECK
Orange County Development Services

6/9/89

GENERAL SITE CONSTRUCTION NOTES

1. ALL WORKMANSHIP AND MATERIALS TO CONFORM TO GOVERNING CODES AND ORDINANCES. REFER TO CITY AND/OR COUNTY STANDARD PLANS AND SPECIFICATIONS WHERE APPLICABLE.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR COSTS INCURRED DUE TO DAMAGE AND REPLACEMENT OF SAID UTILITIES.
3. CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS, AREA DISCREPANCIES AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATIONS. CONTRACTOR SHALL VERIFY ALL ON-SITE GRADES AND DIMENSIONS PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUB-CONTRACTORS AS REQUIRED TO ACCOMPLISH ALL CONSTRUCTION OPERATIONS. ALL PIPING, CONDUIT, SLEEVES, ETC., SHALL BE SET IN PLACE PRIOR TO INSTALLATION OF CONSTRUCTION ITEMS.
5. LANDSCAPE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR FOR THE FOLLOWING ITEMS: AREA DRAINS, CATCH BASINS, FRENCH DRAINS, DRAIN LINES, EARTH BERMS, OR OTHER SITE AMENITIES SUCH AS ACCENT LIGHTING, TREE GRATES OR GRAVEL SUMPS (AS REFLECTED ON THE LANDSCAPE CONSTRUCTION PLANS).
6. ALL SUBSTITUTIONS SHALL BE APPROVED, IN WRITING, BY THE LANDSCAPE ARCHITECT AND THE OWNER (OR HIS REPRESENTATIVE). SAMPLES AND SPECIFICATIONS OF PROPOSED SUBSTITUTIONS SHALL BE SUBMITTED.
7. CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY EXISTING MATERIALS THAT ARE DAMAGED DURING CONSTRUCTION.
8. ALL FORMS FOR CONCRETE WORK SHALL BE VERIFIED AND APPROVED BY THE CITY INSPECTOR AND OWNER'S REPRESENTATIVE PRIOR TO POURING CONCRETE.
9. VERIFY THE FOLLOWING SOILS ENGINEERING INFORMATION PRIOR TO STARTING WORK:
   A. REINFORCING STEEL
   B. BASE MATERIAL
   C. PRE-SATURATION FOR WALLS, CONCRETE PAVING, WALL FOOTINGS, ETC.
10. ALL FOOTINGS SHALL BE POURED ON UNDISTURBED NATURAL SOIL AND/OR 90% MINIMUM MOISTURE DENSITY COMPACTION, OR AS PER SOILS REPORT.
11. WALKWAYS WITH CURVES ARE TO BE FREE FLOWING WITH SMOOTH TRANSITIONS AND NO DISTORTIONS.
12. OWNER'S REPRESENTATIVE IS TO REVIEW WALKWAY FORMS PRIOR TO PLACEMENT OF CONCRETE.
13. CONTRACTOR SHALL SUBMIT 2' x 2' SAMPLES, OR AS NOTED ON THE DRAWINGS OR SPECIFICATIONS, OF ALL PAVING FINISHES AND COLORS. ALL SAMPLES SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
14. ALL CONSTRUCTION IS TO BE PLUMB, TRUE, AND LEVEL UNLESS OTHERWISE NOTED.
15. INSTALL EXPANSION JOINT WHEREVER CONCRETE FLATWORK MEETS BUILDING WALL OR CURB.
16. ALL ELECTRICAL JUNCTION BOXES FOR LIGHTS SHALL BE IN PLANTING AREAS AS APPROVED BY THE OWNER'S REPRESENTATIVE. STAKE LOCATION PRIOR TO INSTALLATION.
17. REFER TO THE ARCHITECT'S AND CIVIL ENGINEER'S DRAWINGS FOR HANDICAP PARKING, STRIPING, ETC.



DRAINAGE AND GRADING NOTES

1. GENERAL LANDSCAPE GRADES SHALL HAVE A 2% MINIMUM GRADE UNLESS CALLED OUT DIFFERENTLY ON THE DRAWINGS.
2. PROVIDE A MINIMUM 1% GRADE ON PAVING AWAY FROM BUILDING PAD AND IN THE SAME DIRECTION AS DRAINAGE.
3. BERM OR RAISED PLANTER FINISH GRADE HEIGHT AGAINST BUILDING WALLS SHALL BE NO CLOSER THAN 6" BELOW BOTTOM OF GLASS LINE.
4. LAWN BERMS SHALL HAVE A 3:1 MAXIMUM SLOPE UNLESS SPECIFIED DIFFERENTLY. SLOPES SHALL HAVE A 2:1 MAXIMUM SLOPE.
5. THE TOP AND BOTTOM BERM TRANSITIONS SHALL BE SHAPED FOR A SMOOTH, ROUND TRANSITION.
6. WATER SEALANT TO BE BY THIO-DEC, ALONG WITH A FIBERGLASS BARRIER SUCH AS 'YELLOW JACKET' UNLESS NOTED DIFFERENTLY ON ARCHITECTURAL DRAWINGS. INSTALL AS SHOWN ON DRAWINGS.
7. REFER TO CIVIL ENGINEER'S DRAWINGS FOR ADDITIONAL SITE ELEVATIONS AND GRADES. REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR LANDSCAPE BERMS AND SUPPLEMENTAL SPOT ELEVATIONS.
8. ALL GRADING TO BE SUPERVISED IN THE FIELD BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
9. ALL PROPOSED GRADES TO MEET AND BLEND IN WITH EXISTING GRADING AT PROJECT LIMITS AND EXISTING SITE CONDITIONS.

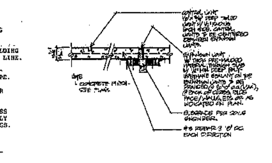
HANDICAP ACCESS NOTES

A. GENERAL
1. WORK SHALL CONFORM TO THE FOLLOWING:
   a. TITLE 24 OF THE CALIFORNIA ADMINISTRATIVE CODE.
   b. 1982 EDITION CAL/ABL LAWS.
   c. UNIFORM BUILDING CODES UBC 1985 EDITION.
2. WALKWAY AND RAMP SURFACES WITH A 6.0% OR LESS GRADIENT SHALL HAVE A MEDIUM TEXTURED FINISH. GRADIENTS GREATER THAN 6.0% SHALL HAVE A HEAVY TEXTURED FINISH. REFER TO PLAN FOR TYPE OF FINISH.
3. MINIMUM WALKWAY AND RAMP WIDTHS SHALL BE 4'-0".
4. THERE SHALL BE A MINIMUM 1% AND MAXIMUM 2% SLOPED CONCRETE PAD AT MAJOR ENTRIES. MINIMUM PAD DIMENSIONS SHALL BE AS FOLLOWS:
   a. WIDTH: PAD TO EXTEND 1'-0" PAST HINGE SIDE OF DOOR AND 2'-0" PAST LATCH SIDE OF DOOR.
   b. LENGTH: PAD TO EXTEND A MINIMUM DISTANCE OUT FROM FACE OF BUILDING 1'-0" PLUS WIDTH OF DOOR.

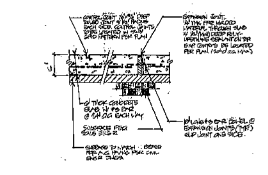
B. WALKS AND SIDEWALKS
1. WALKS SHALL NOT BE GREATER THAN A 5.0% SLOPE. WALKS WITH CROSS SLOPES SHALL NOT EXCEED 1/4" PER FOOT IN THE SAME DIRECTION AS DRAINAGE. SLOPES GREATER THAN 5.0% ARE CLASSIFIED AS RAMPS.
2. PROVIDE A 5' FOOT LONG LEVEL AREA AT LEAST EVERY 400' FEET OF CONTINUOUS WALK GRADE.
3. WHERE WALKWAYS MEET THRESHOLDS, THERE SHALL NOT BE AN ELEVATION CHANGE GREATER THAN 1/2".

C. RAMPS
1. NO RAMPS SHALL BE GREATER THAN 1:12 (8.33%) SLOPE.
2. PROVIDE A 5'-0" LONG LEVEL LANDING AT THE BOTTOM OF ALL RAMPS. PROVIDE A 5'-0" LONG LEVEL LANDING AT THE TOP OF ALL RAMPS.
3. RAMPS SHALL BE NO LONGER THAN 30'-0" WITHIN A 30" VERTICAL RISE. A 5'-0" LONG LEVEL LANDING SHALL BE USED AT EACH 30'-0" INTERVAL AND EACH CHANGE IN DIRECTION.

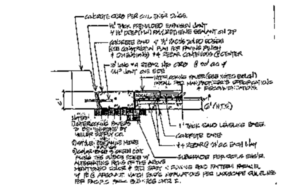
D. HANDRAILS
1. PROVIDE HANDRAILS FOR:
   a. RAMPS EXCEEDING 1:15 (6.67%) SLOPE.
   b. STAIRS WITH 2 OR MORE RISER AND/OR TREADS LESS THAN 10" IN WIDTH.
2. PROVIDE HANDRAILS ON EACH SIDE OF RAMP OR STAIRS CONTINUING FOR FULL LENGTH AND EXTENDING A MINIMUM OF 12" BEYOND TOP AND BOTTOM OF RAMP OR STAIRS.
3. HANDRAILS SHALL BE INSTALLED A MINIMUM OF 30" AND A MAXIMUM OF 34" ABOVE NOSING OF STAIR TREADS AND 32" MAXIMUM ABOVE RAMP SURFACE.



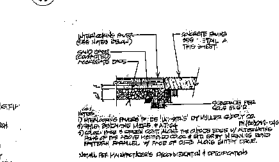
A — CONC. PAVING - PEDESTRIAN CONDITION



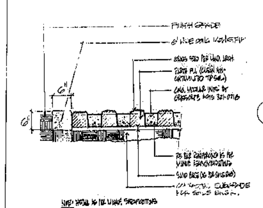
B — CONC. PAVING - VEHICULAR CONDITION



C — INTERLOCKING PAVERS - VEHICULAR CONDITION



D — INTERLOCKING PAVERS - PEDESTRIAN CONDITION



E — TURF BLOCK W/ CONC. MOW STRIP

SCALE 1" = 20'-0"

CONSTRUCTION PLAN

Richard Price & Associates
Landscape Architects/Planners
1590 South Coast Highway
Suite 18
Laguna Beach, California 92651
Telephone 714-494-8029

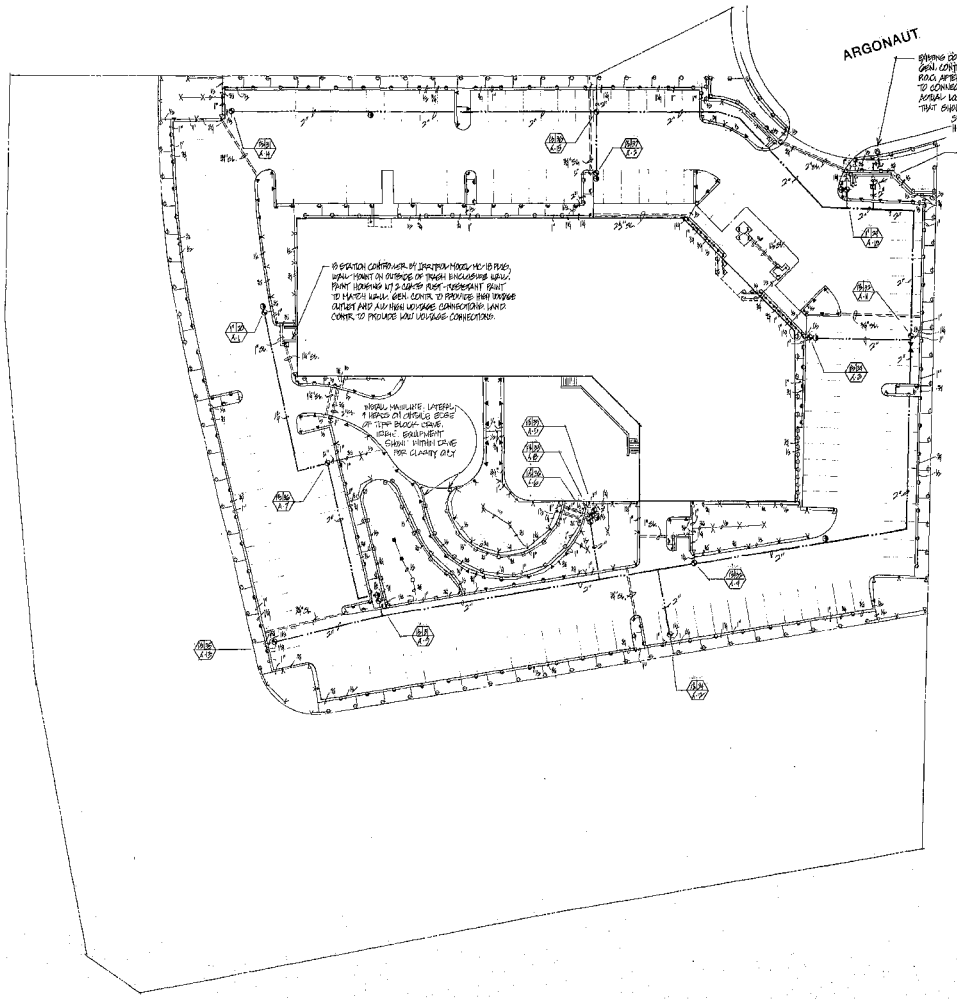
DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7854

ARCHITECTURE — LAND PLANNING
BANZUELO/RIERSON/DUFF & ASSOCIATES, INC.
4501 EAST LA PALMA AVENUE SUITE 202
ANAHEIM, CA 92807-1907 714 777-6066

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE	10/11/88
SCALE	1"=20'
JOB	88680
SHEET	L-1

REVISIONS | BY



IRRIGATION LEGEND

SYMBOL QTY	SYMBOL MAN.	SYMBOL FULL	SYMBOL MISC.	PERFORMANCE DATA MODEL #	PERFORMANCE DATA NOZ.	DESCRIPTION	G.P.M.	RADIUS	PSI
				800 HDHP	RAINBIRD	4" LAWN POP-UP	5.0 / 2.1 / 1.6	30	
				800 HDHP	RAINBIRD		4.5 / 1.9 / 1.5	30	
		X		8 HDHP	RAINBIRD	SHRUB SPRAY ON RISER	3.5 / 1.5 / 1.1	30	
				800 VAN	RAINBIRD	6" POP-UP SHRUB SPRAY	5.0 / 2.1 / 1.6	30	
		X		8-06 SAM	RAINBIRD	SHRUB SPRAY ON RISER	5.0 / 2.1 / 1.6	30	
				800 VAN	RAINBIRD	6" POP-UP SHRUB SPRAY	5.0 / 2.1 / 1.6	30	
				8-06 SAM-H	RAINBIRD	SHRUB SPRAY ON RISER	.4 / .3 / .2	20	
				800 SAM-H	RAINBIRD	6" POP-UP SHRUB SPRAY	.4 / .3 / .2	20	
			*	8-06 HDC-F	RAINBIRD	SHRUB BUBBLER ON RISER	1.0 / .8 / .5	30	

- Remote control valve by RAINBIRD MODEL 100-150-PE
- Quick coupler valve - Rainbird #3156C.
- Automatic controller - Refer to plan for Model and Station #.
- Reduced pressure backflow device - Febco 825Y. Refer to plan for size.
- Line size gate valve by Nibco Model T-113.
- Valve size/system flow.
- Station number.
- Class 200 P.V.C. Lateral line.
- Sch. 40 P.V.C. lateral line installed prior to A.C. paving.
- Sch. 40 P.V.C. electrical sleeve installed prior to A.C. paving.
- Sch. 40 P.V.C. pressure line.
- Sch. 40 pressure line installed in Sch. 40 P.V.C. sleeve. 24" depth w/sand backfill.

IRRIGATION NOTES

1. THE IRRIGATION SYSTEM IS DIAGRAMMATIC. VALVES, PIPE, ETC. SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHENEVER POSSIBLE
2. INSTALL EQUIPMENT AS PER DETAILS AND SPECIFICATIONS PROVIDED AS PART OF THIS CONTRACT.
3. THE SYSTEM HAS BEEN DESIGNED FOR A MINIMUM OPERATING PRESSURE OF 55-60 P.S.I. VERIFY PRESSURE IN THE FIELD PRIOR TO CONSTRUCTION TO DETERMINE IF IT IS SUFFICIENT TO OPERATE SYSTEMS AS DESIGNED. NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCY FROM THAT STATED ON THESE DRAWINGS.
4. IRRIGATION WATER METER AND CONNECTION TO WATER LINE SHALL BE PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR WHEN REQUIRED. REFER TO PLAN. DOMESTICATION CONNECTION TO METER BY LANDSCAPE CONTRACTOR.
5. BACKFLOW DEVICE SHALL BE INSTALLED IN GROUND COVER AREA WHERE-EVER POSSIBLE. FINAL LOCATION SHALL BE DETERMINED BY THE OWNER'S REPRESENTATIVE AND MAY VARY FROM THAT INDICATED ON THE DRAWINGS.
6. CONTROLLER LOCATIONS ARE APPROXIMATE. FINAL LOCATION OF AUTOMATIC CONTROLLER SHALL BE DETERMINED BY THE OWNER'S REPRESENTATIVE.
7. 120 VOLT ELECTRICAL POWER SOURCE FOR CONTROLLER SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HOOK-UP FROM POWER OUTLET TO CONTROLLER. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOW VOLTAGE CONNECTIONS.
8. QUICK COUPLER VALVES, GARDEN VALVES, AND VALVE BOXES SHALL BE INSTALLED IN GROUND COVER AREAS WHENEVER POSSIBLE.
9. STUBBED WATERSOURCE DELIVERY AT STREETS, PARKING LOTS, AND THROUGH WALLS SHALL BE INSTALLED IN SCH. 40 PVC SLEEVES, AS CALLED OUT ON PLANS, OR AS PER LOCAL CODES. COORDINATE INSTALLATION OF SLEEVES PRIOR TO HARDSCAPE CONSTRUCTION.
10. IRRIGATION HEADS WITH POTENTIAL FOR DRAINAGE PROBLEMS FROM LATERAL MAIN SHALL BE EQUIPPED WITH APPROVED CHARD ANTI-DRAIN VALVES. (FOR POP-UP HEADS, USE BELOW CHARD ANTI-DRAIN VALVES).
11. UPON COMPLETION OF THE JOB, CONTRACTOR SHALL PROVIDE THE OWNER WITH TWO EACH OF THE FOLLOWING KEYS:
    1) QUICK COUPLER/GARDEN VALVE
    2) GATE VALVE
    3) CONTROLLER
12. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING UTILITIES AS INDICATED ON DRAWINGS PRIOR TO CONSTRUCTION. ANY DIFFERENCES OR DISCREPANCIES IN AREA OF CONSTRUCTION EXIST OTHAN MAY NOT HAVE BEEN CONSIGNED IN THE ORIGINAL DESIGN. NOTIFY THE OWNER'S REPRESENTATIVE OF ANY EXISTING CONDITIONS THAT ARE NOT SHOWN OR THAT DIFFER FROM THOSE SHOWN ON THE DRAWINGS.

IRRIGATION PLAN

SCALE 1" = 20'-0"

Richard Price & Associates
Landscape Architects/Planners
1590 South Coast Highway
Suite 18
Laguna Beach, California 92651
Telephone 714-494-8029

PREPARED BY: BANZUELO/NIERSON/DUFF LAND PLANNING & ASSOCIATES, INC. 4 PARK PLAZA, SUITE 1550 IRVINE, CA 92714 (714) 752-8505

DEVELOPER: KAMINARI BUILDING PARTNERS 4350 VON KARMAN NEWPORT BEACH, CA 92660 (714)833-0990 FAX (714)833-7854

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

REVISIONS	BY

DATE 9/11/89
SCALE 1" = 40'
DESIGN
JOB 89090
SHEET L-2
OF

LR11 (01989)

GENERAL IRRIGATION SPECIFICATIONS

A. Scope
Provide labor, materials and equipment considered as necessary to complete irrigation work as indicated and specified.

B. General Condition:
1. The irrigation design as indicated on the drawings is diagrammatic. Scaled dimensions are approximate. Before proceeding with work, check and verify site dimensions.
2. Do not install the irrigation system when unknown obstructions, grade differences or discrepancies in area dimensions exist. Immediately bring discrepancies to the attention of the owner's representative. If notification is not performed, the contractor shall assume responsibility for revisions necessary.
3. Coordinate installation of irrigation work to avoid conflicts with planting, utilities, engineering and architectural features.
4. Protect installed contract work and work of others.
5. Apply and pay for necessary permits and fees required in pursuit of work as required by governing codes.
6. Local, municipal and state laws, rules and regulations governing or relating to a portion of this work are hereby made a part of these Specifications.
7. Keep premises clean and free of excess equipment, materials and rubbish incidental to work during construction and maintenance period. Broom clean all paved areas.
8. Note all finish grades before commencing work. Restore finish grade changed during course of this work to orginal or intended contours where practicable.

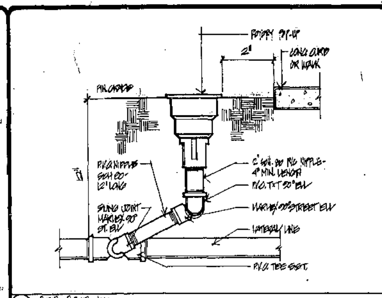
C. Submittal:
1. Record Drawings:
   a. Reproduce one set of the drawings on Sepia base and record work as actually installed.
   b. Make changes to Sepia prints in ink (no ballpoint pen). Use eradicating fluid when re-doing drawings.
   c. Maintain record drawings on site.
   d. Turn over record drawings to the owner's representative before the end of the specified maintenance period.
   e. Dimension from two permanent points of reference (buildings, monuments, pavements, curbs, etc.) the following:
      1) Connections to existing water lines.
      2) Gate, quick coupling and sprinkler control valves.
      3) Routing of sprinkler pressure lines.
      4) Routing of electrical wiring.
2. Controller Charts:
   a. Submit record drawings with changes to the owner's representative before the charts are prepared.
   b. Reduce record drawings to fit inside controller door. Reproduce as a blackline print and color code area of coverage for each station.
   c. Seal chart between two pieces of 10 mils plastic.
   d. Provide one chart for each controller showing the area covered by that controller.

D. Guarantee
The site sprinkler system, including work done under this contract, shall be guaranteed in writing as to material and workmanship, including settling of backfilled areas below grade for a period of one year following the date ending of the specified maintenance period. This date shall be determined by the owner's representative after review of the specified irrigation work. Immediately repair damage to the system and site caused by faulty materials or workmanship at no cost to the owner.

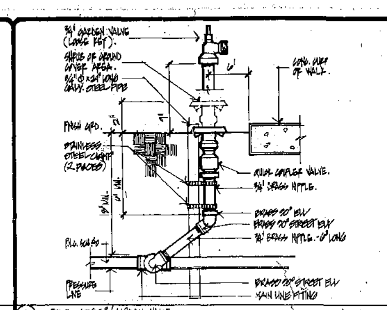
E. Materials
1. General:
   a. Provide new materials and equipment of best recommended quality obtainable, which comply with drawings and specifications.
   b. No substitution of specified material or equipment shall be made without review by Richard Price & Associates.
2. Plastic Pipe and Fittings:
   a. Pressure lines, solvent welded type, PVC class 315 for 2 1/2" and larger, solvent welded type PVC SCH 40 for 2" and smaller.
   b. Non-pressure lines, solvent welded type PVC class 200.
   c. Pipe shall be made from NSF approved, Type I, Grade II PVC compound conforming to ASTM resin specification D1784. Pipe shall meet requirements set forth in federal specification PS-22-70 with an appropriate standard dimension ratio.
   d. Pipe shall bear the following markings: Manufacturer's name, nominal pipe size, schedule or class, pressure rating in PSI, NSF approval and date of extrusion.
   e. Fittings, solvent welded type PVC SCH 40, 1-2, II-1 NSF approved shall conform to ASTM test procedure D 2466.
   f. Fittings shall bear the manufacturer's name or trademark, material designation, size, applicable I.P.S. schedule and NSF approval.
   g. Solvent cement and primer shall be of type and installation per the manufacturer.
   h. Pipe under AC paving shall be PVC minimum SCH 40.
3. Irrigation Equipment, including, but not limited to, quick coupling valve, hose bib, control valve, check valve, gate valve, backflow prevention unit, automatic controller and irrigation heads. Type, size and performance specified in the legend.
4. Control Wiring:
   a. Use direct burial copper wire AWG-U.F. 600 volt. Size shall be #14 or larger. Common wire to be white, control wires to be color coded.
   b. Solder splices, use Scotch-lok sealing packs or penlite wire connectors.
5. Valve Box:
   a. Use 9" dia. x 24" deep, round, green plastic box with cover marked 'water' for gate valves.
   b. Use 9 1/2" w. x 11" l. x 16" deep rectangular, green plastic box with bolt-down cover marked "control valve" for electrical control valves.

F. Installation Procedures
1. General: If no detail is provided for work under this contract, install in accordance with manufacturer's recommendations or recommended standard practice. Submit recommended procedures to owner's representative before proceeding with work.
2. Water Supply:
   a. Connect irrigation system to POC at approximate locations shown on drawings.
   b. Allow for minor changes at POC caused by actual site conditions.
   c. Verify available water pressure before construction. If pressure is not sufficient to operate systems as designed, bring this to the immediate attention of the owner's representative. If notification is not performed, the contractor shall assume responsibility for revisions necessary.
3. Electrical Supply:
   a. Provide power and connections to the automatic controller as indicated on the drawings.
   b. Comply with applicable codes and ordinances.
4. Trenching:
   a. Dig trenches straight and support pipe continuously on bottom of trench. Lay pipe to an even grade. Follow layout indicated on drawings.
   b. Minimum depth requirements: provide 18" of cover for pressure supply lines, 12" of cover for non-pressure lines and 24" of cover for lines under paving unless called out differently on drawings or as per city or county recommendations.
5. Control Wiring:
   a. Install wiring in same trench as pressure supply lines wherever possible. Multiple wires shall be taped together at intervals of 15'.
   b. No splices shall be made between controller and remote control valve.
   c. Provide a 1" dia. by 12" long expansion curl within 3' of each wire splice and at 100' on center.
6. Hydrostatic Pressure Test:
   a. Notify owner's representative. Testing shall occur prior to backfill and installation of control valves.
   b. Test all pressure lines under hydrostatic pressure of 125 lbs. per square inch for not less than four hours. Test all non-pressure lines under existing static pressure.
   c. If leaks develop, replace joints and repeat test until system is shown to be watertight.
   d. Furnish necessary force pump and other test equipment.
7. Backfilling:
   a. Mechanically compact backfill for trenching to dry density equivalent to adjacent undisturbed soil, and meet adjacent grades without sunken areas, humps or other irregularities.
   b. Place 6" or more of clean soil, free of debris, rock, etc. as initial backfill on pressure supply lines.
   c. Place fine granular material with no foreign matter larger than 1/2" in size as initial backfill on all non-pressure lines.
   d. Place a minimum of 6" of sand on pipes located under areas where paving will be installed. Use specified initial backfill for remaining backfill necessary.
   e. Install piping under existing walks by jacking or boring. If cutting or breaking of walks is necessary, it shall be done and replaced as part of this contract. Notify permission from owner's representative before proceeding.
8. Line Clearance:
   a. Lines shall have a clearance of 6" or more from each other, and from lines of other trades.
   b. Parallel lines shall not be installed directly over one another, nor against the sides of the trench.
9. Irrigation Equipment, as defined above:
   a. Install as per details.
   b. Spacing of irrigation heads shall not exceed maximum the spacing on drawings.
   c. Riser heights for irrigation heads shall be level.
   d. Install sprinkler heads 12" out from low lying windows.
10. Assemblies:
   a. Install no multiple assemblies on plastic lines. Provide each assembly with its own outlet.
   b. PVC to metal connection shall be by PVC male thread adapter fitting screwed into metal female fitting.
   c. Teflon tape shall be used on all threaded PVC to PVC and PVC to metal joints.
11. Flushing and Adjusting System:
   a. After irrigation pipelines and risers are in place and connected, and prior to installation of irrigation heads, open the control valves and use a full head of water to flush out system.
   b. Adjust valves and alignment and coverage of irrigation heads. Adjustments may include changes in nozzle sizes and degrees of arc. These changes shall be made without additional cost to the owner.

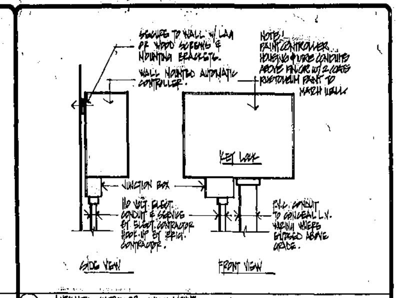
G. Observation Schedule
1. A pre-job conference shall be required before proceeding with work under this contract. An observation schedule shall be determined at this time for all work. Observations shall include, but not be limited to, one meeting at the start of the 60-day maintenance period and one at the end of the 60-day maintenance period.
2. Contact owner's representative 72 hours or 3 working days in advance of each agreed observation or conference.



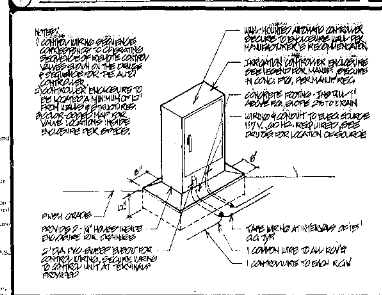
1 SHRUB POP-UP HEAD



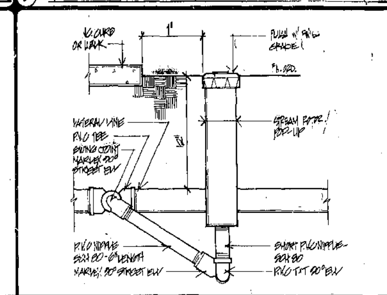
2 QUICK COUPLER/GARDEN VALVE



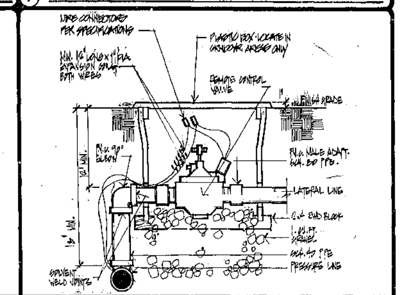
3 AUTOMATIC CONTROLLER - WALL MOUNT



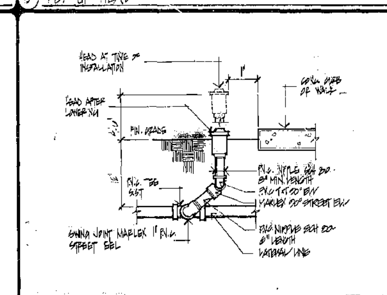
4 AUTOMATIC CONTROLLER - IN AN ENCLOSURE



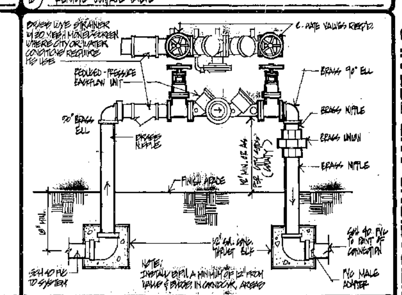
5 POP-UP HEAD



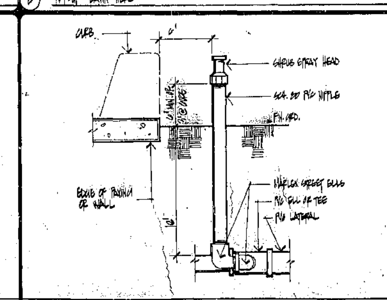
6 REMOTE CONTROL VALVE



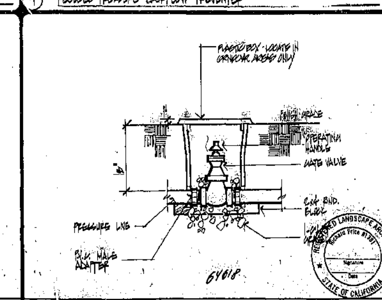
8 POP-UP LAWN HEAD



9 REDUCED PRESSURE BACKFLOW PREVENTER



11 SHRUB HEAD ON A RISER



12 GATE VALVE

REGISTERED LANDSCAPE ARCHITECT
Richard Price R.1891
STATE OF CALIFORNIA

7

10

IRRIGATION SPECIFICATIONS AND DETAILS

Kaminari
#15 ARGONAUT DRIVE,
ALISO VIEJO, CALIFORNIA

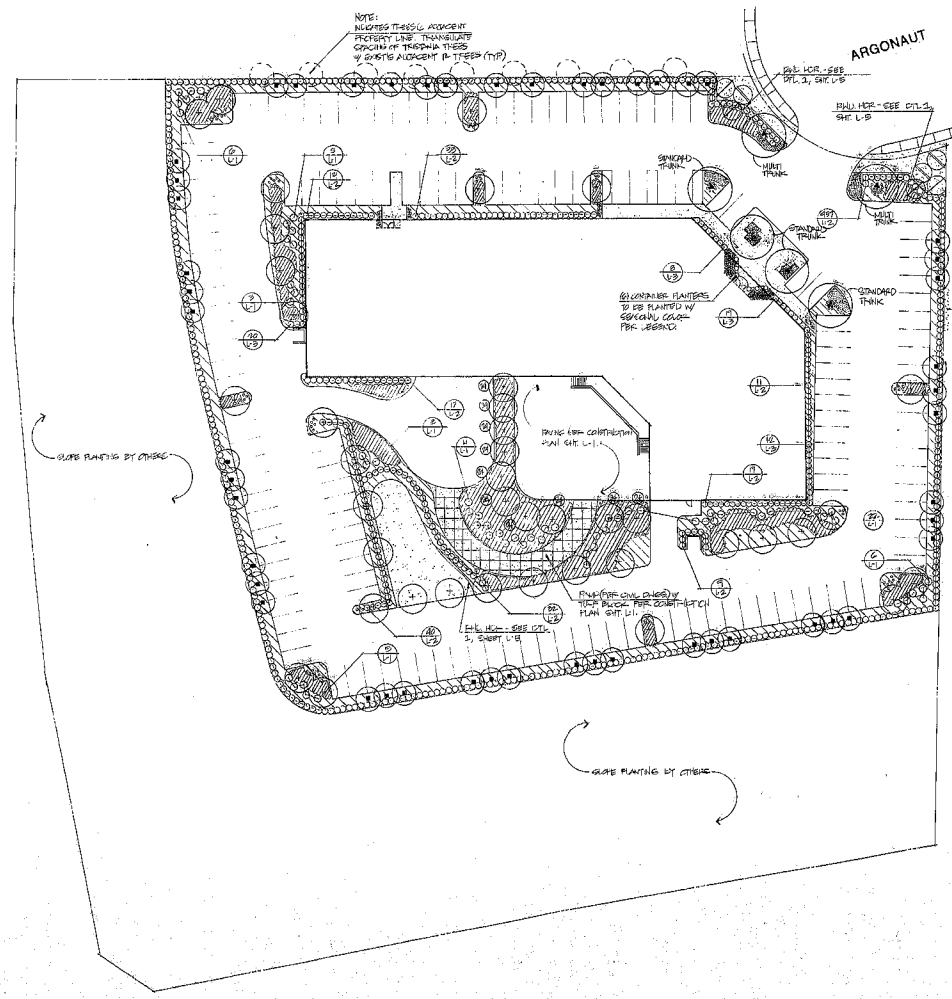
DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7854

richard price & associates
landscape architects / planners

ARCHITECTURE LAND PLANNING
BANZUELO / RIERSON, INC.
301 NORTH RAMPART STREET SUITE F
ORANGE, CA. 92668-1801 714/937-1819

DATE 10/1/86
SCALE N.T.S.
REVISIONS | BY

JAN 10 1989



TREE LEGEND

SYMBOL	BOTANICAL NAME and COMMON NAME	SIZE	QUANTITY	B.B. OR CONT.	MISC.
	CUPRESSUS MACROCARPA	15 GAL	91	DOUBLE STAKE	STANDARD TRUNK
	CAROB WOOD TREE	24" BOX	10		
	EUCALYPTUS LEUCOXYLON	15 GAL	3	DOUBLE STAKE	STANDARD TRUNK
	WHITE IRONBARK				
	EUCALYPTUS MACULATA	15 GAL	9	DOUBLE STAKE	STANDARD TRUNK
	SPOTTED EUCALYPTUS				
	KOELREUTERIA BIPINNATA	24" BOX	2	—	MULTI TRUNK
	CHINESE FLAME TREE		4		STD TRUNK
	TRISTANIA CONFERTA	15 GAL	30	STAKE	STANDARD TRUNK
	BRISBANE BOX				

INDICATES 24" BOX SIZE

SHRUB LEGEND

SYMBOL	BOTANICAL NAME and COMMON NAME	SIZE	SPACING
	HEMEROCALLIS SPECIES GOLDEN PLAINS DAYLILY	1 GAL	18" O.C.
	TRACHELOSPERMUM JASMINOIDES STAR JASMINE	1 GAL	18" O.C.
L-1	ABELIA GRANDIFLORA 'EDWARD GOUCHER' GLOSSY ABELIA	5 GAL	5'-0" O.C.
L-2	HIBISCUS ROSA-SINENSIS CVR. 'WHITE WINGS' DAY HIBISCUS	5 GAL	3'-0" O.C.
L-3	PHORMIUM TENAX 'ATROPURPUREUM' EVANS NEW ZEALAND HEMP	5 GAL	3'-0" O.C.

NOTE:
WHERE TWO PROPERTIES MEET, TREE AND SHRUB MATERIAL SHALL BE TRIANGULARLY SPACED TO AVOID PLANT MATERIAL BEING PLACED ON PROPERTY LINE.

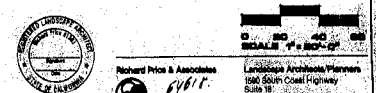
GROUNDCOVER LEGEND

SYMBOL	BOTANICAL NAME and COMMON NAME	SIZE	SPACING
	CAREX GRAND FLORA 'GREEN CARPET' NAPAL FLAX	1 GAL	24" O.C.
	HEDERA HELIX 'THANKI' HANING IVY	FLATS	12" O.C.
	TURF MARATHON FESCUE	SOD	
	SEASONAL COLOR- VARIETY TO BE SELECTED BY LANDSCAPE ARCHITECT @ TIME OF PLANTING.	4" POT	8" O.C.

NOTE: ALL GROUND COVER AREAS TO BE PLANTED W/ HAND SEEDED ALYSSUM CARPET OF SNOW.

PLANTING NOTES

1. The planting plan is diagrammatic. Plant locations are approximate. Plant symbols take precedence over plant quantities specified. Notify the Owner's Representative of discrepancies prior to starting work.
2. Plant quantities given in the legend are approximate and for the convenience of the Contractor only.
3. Prior to planting, construction adjacent to planting areas shall be complete and irrigation systems installed and operational.
4. Plant material in or near paving and walls may require installation prior to construction. Coordinate this work through the General Contractor.
5. Take soil samples and submit written report to Richard Price & Associates prior to the start of soil preparation per the specifications.
6. Three weeks prior to delivery to site, submit photos of mature shade trees to Richard Price & Associates for review.
7. Install brake at small lines in planting areas where areas may interfere with parked cars.
8. Keep shrubs and trees a minimum of 3'-6" (or as indicated on plan) from back of parking curbs to allow for car overhang.
9. Unless noted differently on the plan, planting areas should receive ground cover treatment up to plant rootball. No bare soil areas shall be left exposed except directly above rootballs.



PLANTING PLAN

Richard Price & Associates
Landscape Architects/Planners
1580 South Coast Highway
Suite 18
Laguna Beach, California 92651
Telephone 714-494-8029

REVISIONS	BY

ARCHITECTURE: ARNZUELO/RIERSON/DUFF & ASSOCIATES, INC.
LAND PLANNING
2722 S. BRISTOL SUITE 100 SANTA ANA, CA 92704 (714) 557-1100

DEVELOPER: KAMINARI BUILDING PARTNERS
4350 VON KARMAN NEWPORT BEACH, CA 92660
(714)833-2060 FAX (714)833-7654

Kaminari
#15 ARGONAUT DRIVE
ALISO VIEJO, CALIFORNIA

DATE 10/1/90
SCALE 1"=20'
DRAWN JWL
CHK'D RPA/BMD
JOB NO. 90-1
SHEET L-4

JAN 10 '91

GENERAL PLANTING SPECIFICATIONS

A. Scope

Provide labor, materials and equipment considered as necessary to complete planting work as indicated and specified.

B. General Conditions

1. The planting design as indicated on the drawings is diagrammatic. Scaled dimensions are approximate. Before proceeding with work, check and verify site dimensions.

2. Do not install planting when unknown obstructions, grade differences or discrepancies in area dimensions exist. Immediately bring discrepancies to the attention of the owner's representative. If notification is not performed, the contractor shall assume responsibility for revisions necessary.

3. Coordinate installation of planting to avoid conflicts with irrigation work, utilities, or engineering and architectural features.

4. Protect installed contract work and work of others.

5. Apply and pay for necessary permits and fees required in pursuit of work as required by governing codes.

6. Local, municipal and state laws, rules and regulations governing or relating to a portion of this work are hereby made a part of these specifications.

7. Keep premises clean and free of excess equipment, materials and rubbish incidental to work during construction and maintenance period. Broom clean all paved areas.

8. Note all finish grades before commencing work. Restore finish grade changed during course of this work to original or intended contours where practicable.

9. Do not proceed with the planting installation until irrigation system is installed and operable.

C. Submittals

1. Agronomic Soils Test Report:
   a. Take (2) sample(s) of site soil at a depth of 6 to 12 inches, within proposed planting areas, after completion of grading and prior to weed control and soil preparation.
   b. Bring samples to an agronomic soils testing laboratory registered by the State of California for soil evaluation.
   c. Request testing for fertility and suitability analysis with written recommendations for soil amendment, fertilizer and chemical conditioners, application rates for soil preparation, planting backfill mix, hydrospray and post-maintenance fertilization programs.
   d. Soils report recommendations shall take precedence over the amendment and fertilizer application rates specified here.
   e. Submit written report to Owner's representative prior to soil amendment and ordering plant material.
2. Written Guarantee:
   a. All trees shall be guaranteed to live in a healthy condition for one year following the date of completion of the specified maintenance period. This date shall be determined by the owner's representative at final observation.
   b. Replace dead or unhealthy trees immediately upon notification by the owner's representative, at no cost to the owner. Replacement trees shall meet the same specifications as the original trees. Replacement trees shall be guaranteed for one year after their review by the owner's representative.
   c. Install and stake trees as originally specified at no cost to the owner.
3. Statements of Confirmation:
   a. Submit at the time of delivery invoice statements for organic amendments and fertilizers certifying delivery to the site quantities by bulk and/or weight.
   b. Submit suppliers' statements of confirmation recording compliance of organic amendments and fertilizers with these specifications.

D. Materials

1. General:
   a. Provide materials of best recommended quality obtainable which comply with drawings and specifications.
   b. No substitution of specified materials shall be made without review of the owner's representative.
2. Import Soil, friable sandy loam texture with 65% sand, 10% clay and 25% silt:
   a. Free of roots, clods and stones larger than 1" in diameter, weeds, sticks, brush, and other litter, infestation of undesirable insects and plant disease.
   b. Salinity: The saturation extract conductivity shall not exceed 3.5 millimhos/CM at 25 C.
   c. Boron: The concentration in the saturation extract shall not exceed 1.0 PPM.
   d. Sodium: The sodium absorption ratio (SAR) as calculated from analysis of saturation extract shall not exceed 4.0 PPM.
   e. A soils test report shall be required at the contractor's expense if physical or chemical properties appear not to comply with specifications.
3. Organic Amendment, derived from wood or bark, granular in nature, stabilized with nitrogen, fortified with minerals and having the following properties:
   a. Particle size:
      1) Min. 95% passing 4 mesh screen
      2) Min. 80% passing 8 mesh screen
   b. Nitrogen content - (All values based on dry weight) 0.5% for redwood sawdust, 0.7% for fir sawdust, 1.0% for cedar sawdust, 1.0% for fir or pine bark. Note: Pine sawdust not acceptable.
   c. Salinity - conductivity 3.5 millimhos/CM at 25 C or less as determined in saturation extract conductivity.
   d. Organic content - minimum 90% by weight.
4. Fertilizer and Minerals:
   a. Commercial Fertilizer:
      1) Soil preparation - use 6-20-20 grade
      2) Hydrospray: Use 16-6-8 grade slow release
      3) Weed control: Use 21-0-0 grade with 100% nitrate nitrogen
      4) Sod lawn: Use 16-20-0 grade, ammonium phosphate
      5) Maintenance: Use 16-4-8 grade
   b. Soil Sulfur: Minimum 95% elemental sulfur.
   c. Iron sulfate (FeSO4): 3 Minimum 20% Fe, as ferrous sulfate.
   d. Gypsum (Calcium Sulfate Ca SO4 2H2O): 21% CA
   e. Planting tablets: 21 grams with nutrient grade 20-10-5.
5. Plants:
   a. Quality: Healthy, vigorous, normal habit; free of weeds, insect infestations and plant disease, sun scalds, abrasions of the bark and other disfigurements. Quality in accordance with these specifications shall be determined by the owner's representative.
   b. Size: That normally expected for commercially available nursery stock for species/variety specified in the legend. The root system shall fill the container but not be root bound. Size in accordance with these specifications shall be determined by the owner's representative.
   c. Rejection or substitution: Remove rejected plants from the site immediately and replace at no additional cost to the owner. Substitutions shall not be permitted unless approved by the owner.
   d. Protection: Bundle and store plants to protect from sun, wind and other injuries. Injury shall be cause for rejection even after initial review.
   e. Quantities: Circles and dots indicating plants on the plan are the authority for plant counts and shall be furnished as drawn.
   f. Lawn: Turf mix shall be 90% tall fescue and 10% perennial rye.
   g. Hydrospray:
      1) Wood cellulose mulch: Clean, naturally wood cellulose fiber, dyed green with uniform suspension in water; allows absorption of moisture, and rainfall to percolate to soil below.
      2) Seed: Clean, fresh, new crop, labeled with suppliers' statement of composition and percentage of purity.

E. Installation

1. Weed Control:
   a. After establishment of rough grades, and prior to soil preparation, till soil to uproot existing weeds and grasses and remove from site.
   b. Apply 200 lbs. per acre of commercial fertilizer. Irrigate (4) times per day during the summer season and (2) times per day during other seasons for (3) weeks, or until most weeds have germinated.
   c. Spray a non-selective contact herbicide per manufacturer's directions to eradicate the germinated weeds. Allow herbicide to kill weeds. Till soil to uproot germinated weeds and grasses and remove from site. Minimize soil disturbance on slopes.
   d. If weeds and grasses still exist, irrigate (4) or (2) times per day, as above, for (2) weeks or until new growth appears. Reapply herbicide and allow time to kill weeds. Remove weeds from site.
   e. No pre-emergent herbicide shall be used in landscape areas to be seeded.
2. Soil Preparation:
   a. Finish grading, mounding, soils testing and weed control shall be completed prior to soil preparation.
   b. Apply per 1,000 sq. ft. These rates may be adjusted by the soils report and are for bidding purposes only:

Organic Amendment	4	cu. yds.
Commercial Fertilizer	20	lbs.
Soil Sulfur	10	lbs.

   c. Work into site soil by cultivation, spading or rototilling to a depth of at least 4-6 inches and fine grade to smooth finish (1) inch below adjacent paving and curbs. Remove debris and weeds from site. Clean mineral stains from paving.

F. Maintenance

1. Maintain project for a period of (60) calendar days, commencing from time contract work has been completed to the satisfaction of the owner's representative. It is the contractor's responsibility to notify owner's representative at the beginning and end of the 60-day maintenance period.

2. Maintenance shall include, but not be limited to, mowing, trimming, pruning, watering, fertilization, weed control, cultivation, pest control, operation, adjustment, and repair of the irrigation system, and clean-up.

3. Apply commercial fertilizer at the rate of 5 lbs. per 1,000 sq. ft. for all planted areas, 45 days after the beginning of the maintenance period, or more often as needed to establish thriving plants.

4. Protect newly planted areas from foot traffic, vandalism, burrowing animals and erosion. Repair and replant damaged areas.

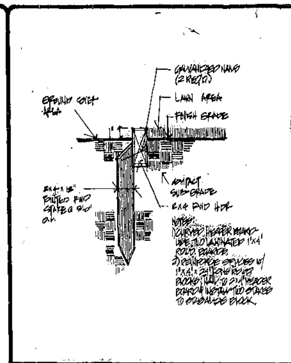
5. Re-plant areas that do not show a prompt establishment of plant materials. Replace dead and missing plants.

6. Completion of project maintenance and plant establishment will be reviewed by the owner's representative.

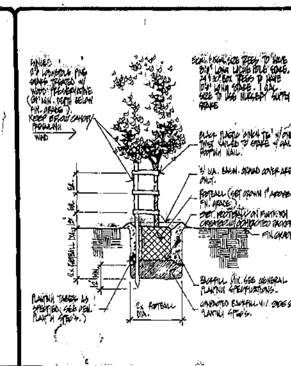
G. Observation Schedule

1. A pre-job conference shall be required before proceeding with work under this contract. An observation schedule shall be determined at this time for all work. Observations shall include, but not be limited to: one meeting at the start of the 60-day maintenance period and one at the end of the 60-day maintenance period.

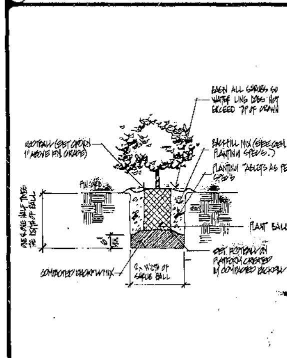
2. It is the contractor's responsibility to contact the owner's representative 72 hours or 3 working days in advance of each agreed observation or conference.



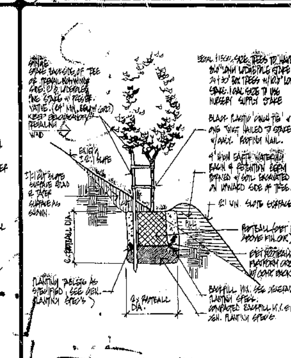
1 REDWOOD HEADER BOARD



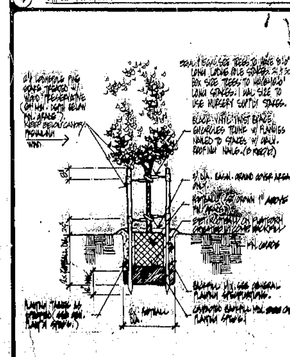
2 SINGLE TREE STAKING & PLANTING



3 SHRUB PLANTING



4 STANDARD TREE STAKING & PLANTING - SLOPE



5 DOUBLE TREE STAKING & PLANTING

6

6/4/08

REGISTERED LANDSCAPE ARCHITECT · STATE OF CALIFORNIA

PLANTING SPECIFICATIONS AND DETAILS

Kaminari
#15 ARGONAUT DRIVE, ALISO VIEJO, CALIFORNIA

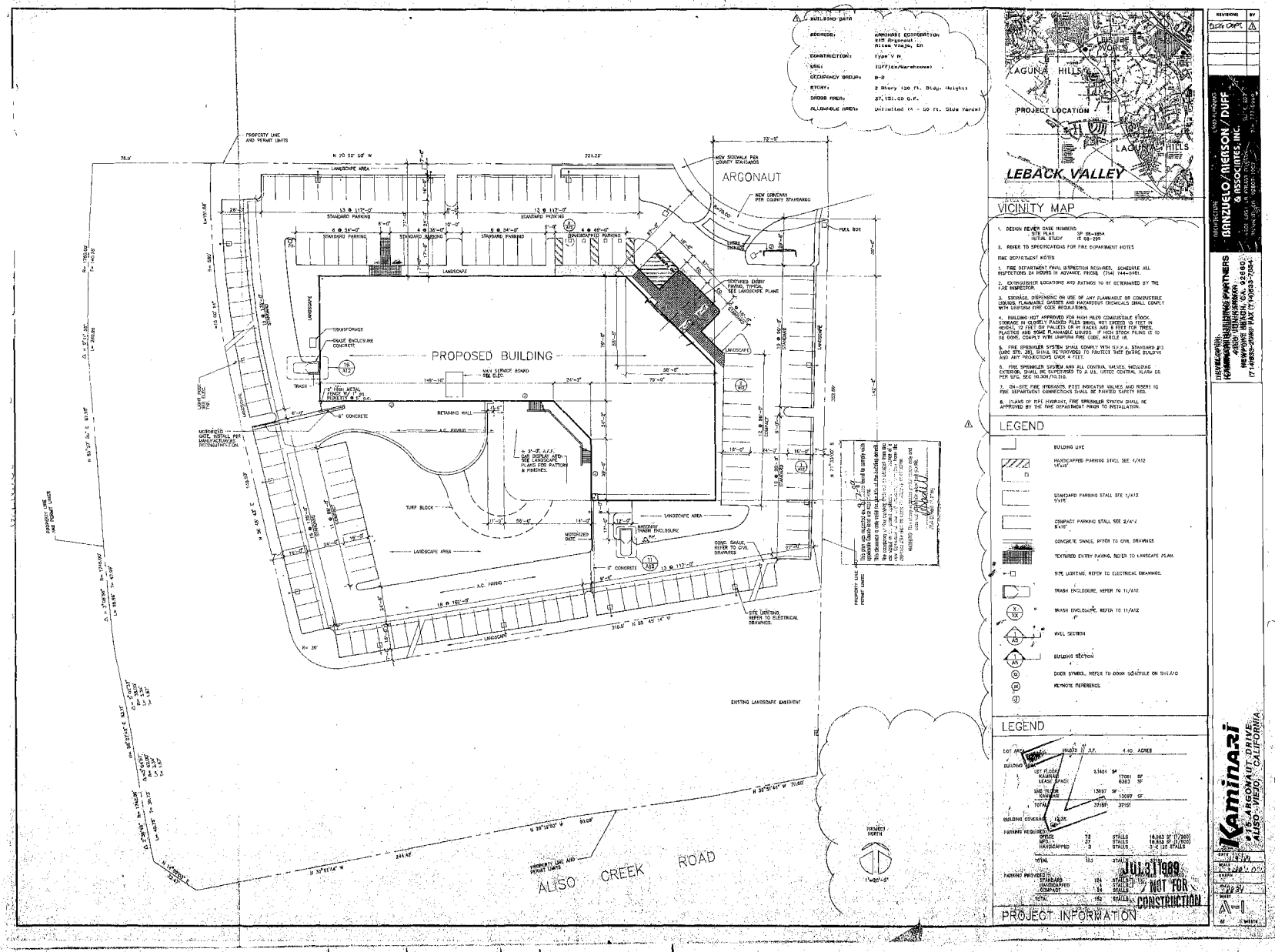
DEVELOPER:
KAMINARI BUILDING PARTNERS
4350 VON KARMAN
NEWPORT BEACH, CA. 92660
(714)833-2090 FAX (714)833-7854

richard price & associates
landscape architects / planners

ARCHITECTURE · LAND PLANNING
BANZUELO/RIERSON, INC.
301 NORTH RAMPART STREET SUITE F
ORANGE, CA. 92668-1801 714 937-1819

REVISIONS | BY

SHEET L-5 of 5 sheets



BUILDING DATA

ADDRESS:	KAMINARI CORPORATION 28 Argonaut Aliso Viejo, CA
CONSTRUCTION:	Type V N
USE:	Office/Warehouse
OCCUPANCY GROUPS:	B-2
STORY:	2 Story 120 ft. Bldg. Height
GROSS AREA:	37,131.00 S.F.
ALLOWABLE AREA:	Unlimited (A - 60 ft. Side Yards)

VICINITY MAP

1. DESIGN REVIEW CASE NUMBERS:
   SITE PLAN — SP 88-188A
   INITIAL STUDY — IS 88-199
2. REFER TO SPECIFICATIONS FOR FIRE DEPARTMENT NOTES

FIRE DEPARTMENT NOTES

1. FIRE DEPARTMENT FINAL INSPECTION REQUIRED. SCHEDULE ALL INSPECTIONS 24 HOURS IN ADVANCE. PHONE (714) 744-0481.
2. EXTINGUISHER LOCATIONS AND RATINGS TO BE DETERMINED BY THE FIRE INSPECTOR.
3. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE OR COMBUSTIBLE LIQUIDS, FLAMMABLE GASSES AND HAZARDOUS CHEMICALS SHALL COMPLY WITH UNIFORM FIRE CODE REGULATIONS.
4. BUILDING NOT APPROVED FOR HIGH PILED COMBUSTIBLE STOCK. STORAGE IN CLOSELY PACKED PILES SHALL NOT EXCEED 15 FEET IN HEIGHT, 12 FEET ON PALLETS OR IN RACKS AND 8 FEET FOR TIRES, PLASTICS AND SOME FLAMMABLE LIQUIDS. IF HIGH STOCK PILING IS TO BE DONE, COMPLY WITH UNIFORM FIRE CODE, ARTICLE 18.
5. FIRE SPRINKLER SYSTEM SHALL COMPLY WITH N.F.P.A. STANDARD #13 (UBC STD. 38), SHALL BE PROVIDED TO PROTECT THE ENTIRE BUILDING AND ANY PROJECTIONS OVER 4 FEET.
6. FIRE SPRINKLER SYSTEM AND ALL CONTROL VALVES, INCLUDING EXTERIOR, SHALL BE SUPERVISED TO A U.L. LISTED CENTRAL ALARM OR PER UFC. SEC 10.309/10.310.
7. ON-SITE FIRE HYDRANTS, POST INDICATOR VALVES AND RISERS TO FIRE DEPARTMENT CONNECTIONS SHALL BE PAINTED SAFETY RED.
8. PLANS OF PIPE HYDRANT, FIRE SPRINKLER SYSTEM SHALL BE APPROVED BY THE FIRE DEPARTMENT PRIOR TO INSTALLATION.

LEGEND

- BUILDING LINE
- HANDICAPPED PARKING STALL SEE 1/A12 — 9'x18'
- STANDARD PARKING STALL SEE 1/A12 — 9'x18'
- COMPACT PARKING STALL SEE 2/A12 — 8'x16'
- CONCRETE SWALE, REFER TO CIVIL DRAWINGS
- TEXTURED ENTRY PAVING, REFER TO LANDSCAPE PLANS
- SITE LIGHTING, REFER TO ELECTRICAL DRAWINGS.
- TRASH ENCLOSURE, REFER TO 11/A12
- TRASH ENCLOSURE, REFER TO 11/A12
- WALL SECTION
- BUILDING SECTION
- DOOR SYMBOL, REFER TO DOOR SCHEDULE ON SH. A10
- KEYNOTE REFERENCE

LEGEND

LOT AREA: 180,028 S.F. 4.40 ACRES

BUILDING AREA:

1ST FLOOR		24014 SF	
KAMINARI			17081 SF
LEASE SPACE			6383 SF
2ND FLOOR		13097 SF	
KAMINARI			13097 SF
TOTAL		37111	37181

BUILDING COVERAGE: 13.3%

PARKING REQUIRED:

OFFICE	73	STALLS 18,383 SF (1/250)
WAREHOUSE	37	STALLS 19,830 SF (1/500)
HANDICAPPED	3	STALLS 110 - 120 STALLS
TOTAL	113	STALLS

PARKING PROVIDED:

STANDARD	104	STALLS
HANDICAPPED	4	STALLS
COMPACT	14	STALLS
TOTAL	122	STALLS

PROJECT INFORMATION

Jul 3 1989

NOT FOR CONSTRUCTION

REVISIONS	BY
Date Dept.	

ARCHITECTURE: DANZUELO / RIGNSON / DUFF & ASSOCIATES, INC. 1301 DOVE ST. SUITE 220 NEWPORT BEACH, CA. 92660 (714) 752-8001

DEVELOPER: KAMINARI BUILDING PARTNERS 28501 VELLA ROAD LAGUNA HILLS, CA. 92653 NEWPORT BEACH, CA. 92660 (714)859-2000 FAX (714)859-7554

Kaminari
28 ARGONAUT, DRIVE
ALISO VIEJO, CALIFORNIA

DATE: 11/17/89
SCALE: 1" = 30'-0"
SHEET: A-1

15

ARGONAUT

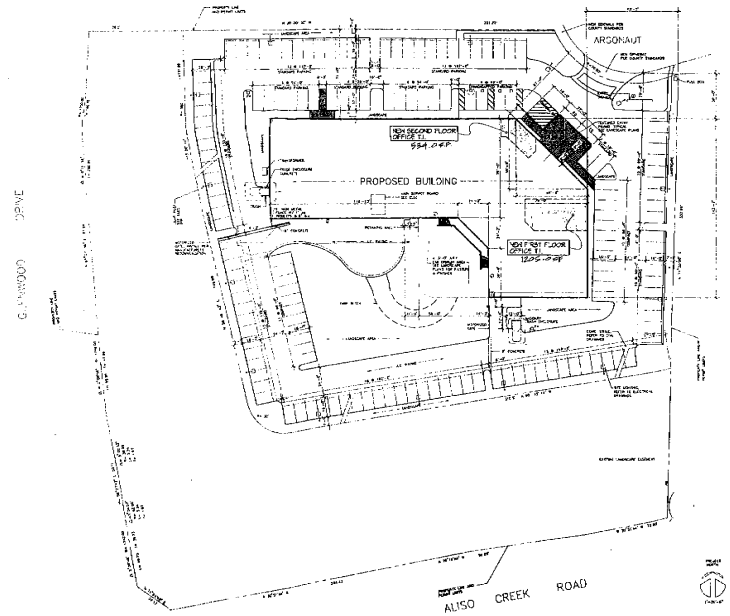
NR 9800'71

ALV

ARBONNE INTERNATIONAL

OFFICE TENANT IMPROVEMENT

15 ARGONAUT DRIVE, MISSION VIEJO



EXISTING SITE PLAN

TABULATIONS

LOT AREA	195613 S.F.	4.49 ACRES	
BUILDING AREA			
1ST FLOOR	23404 SF	17061 SF	
WAREHOUSE SPACE		6343 SF	
2ND FLOOR	1487 SF	12487 SF	
TOTAL	27751	37151	
BUILDING COVERAGE	12.38		
PARKING REQUIRED			
OFFICE	73	STALLS	18,043 SF (1/250)
MFG	37	STALLS	18,888 SF (1/500)
HANDICAPPED	3	STALLS	3 x 120 STALLS
TOTAL	113	STALLS	37151
PARKING PROVIDED			PROVIDED / REQUIRED
STANDARD	124	STALLS	2 : 1.58 / 113
HANDICAPPED	4	STALLS	
COMPACT	24	STALLS	
TOTAL	152	STALLS	

NEW FIRST FLOOR OFFICE T.I.	1205 S.F.
NEW FIRST FLOOR OFFICE T.I.	554.0 S.F.
TOTAL	1759.0 S.F.

PROJECT DATA

ADDRESS:	815 Argonaut Mission Viejo, CA
CONSTRUCTION:	Type V N
USE:	Office/Warehouse
OCCUPANCY GROUP:	B
STORY:	2 Story 120 ft. Bldg. Height
EXISTING AREA:	37,151.00 S.F.
ALLOWABLE AREA:	Unlimited 14 - 30 ft. Side Yards

LEDGEND

- BUILDING LINE
- HANDICAPPED PARKING STALL SEE 4/A42 (8'x18')
- STANDARD PARKING STALL SEE 3/A42 (9'x18')
- COMPACT PARKING STALL SEE 3/A42 (8'x16')
- CONCRETE SWALE, REFER TO CIVIL DRAWINGS
- TEXTURED ENTRY PAVING, REFER TO LANDSCAPE PLAN
- SITE LIGHTING REFER TO ELECTRICAL DRAWINGS
- TRASH ENCLOSURE, REFER TO 11/A42
- TRASH ENCLOSURE, REFER TO 11/A42
- WAL. SECTION
- BUILDING SECTION
- DOOR SYMBOL, REFER TO DOOR SCHEDULE ON SHT A10
- KEYNOTE REFERENCE

PLOT PLANNING APPROVED

BUILDING DEPARTMENT APPROVED

SR98041
15 ARBONNE,ALTV
SHEET 1 OF 4

STEELE CONSTRUCTION
GENERAL CONTRACTOR
State Lic. 661321
220 NORTH WINETTA
FULLERTON, CA 92633
(714) 449-0098

PROJECT DIRECTORY

PROJECT OWNER

ARBONNE INTERNATIONAL
815 ARGONAUT DRIVE
MISSION VIEJO, CA

PROJECT ADDRESS

815 ARGONAUT DRIVE
MISSION VIEJO, CA

Permit No.

Job No. | Scale: 1" = 30'-0"

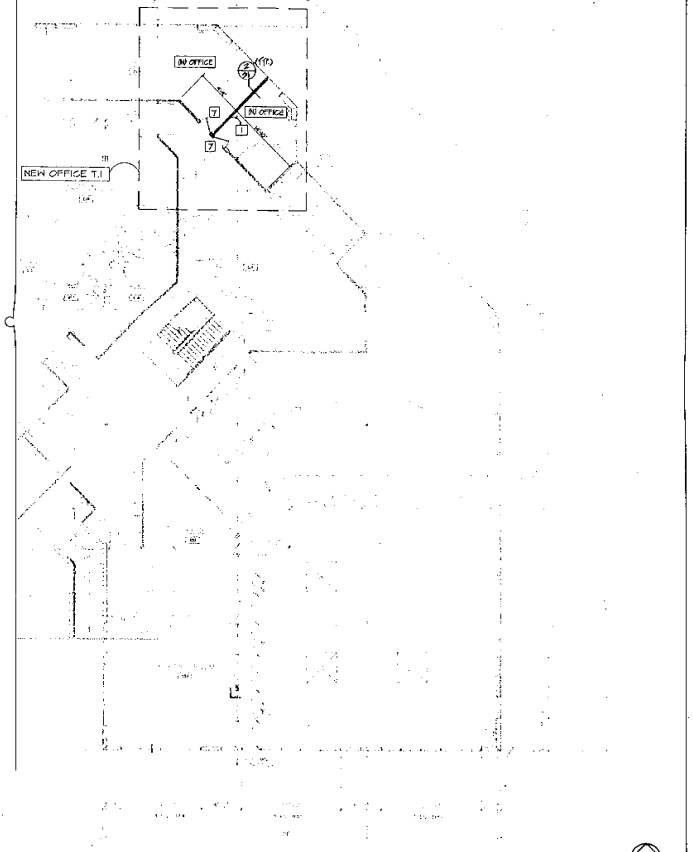
REVISION BY DATE | Plot Date | Drawn By | Checked By

T-1

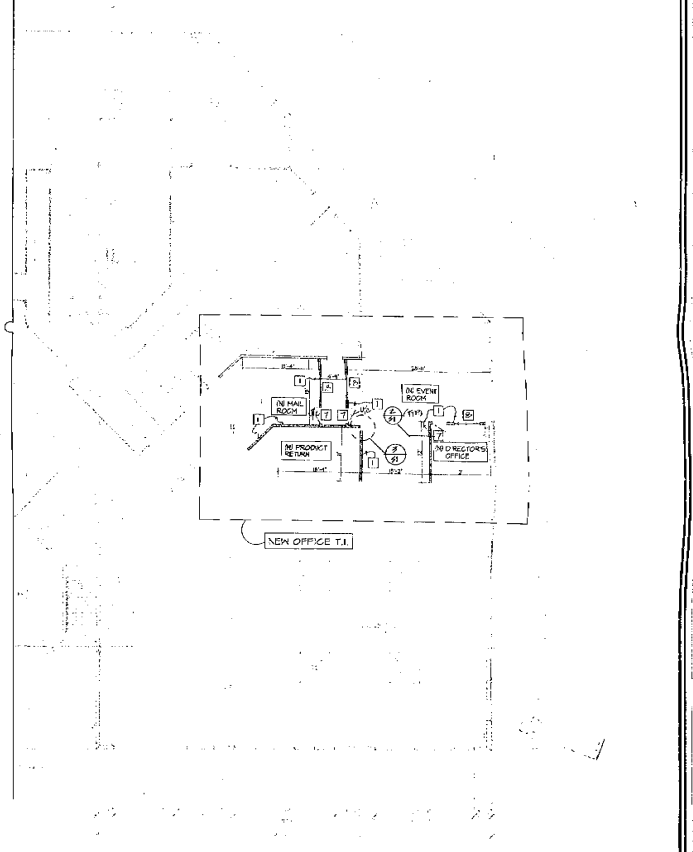
Drawing No.

FLOOR PLAN NOTES

1. ALL FRAMING SHALL BE 25 GA. S 3.62" STUDS UNLESS OTHERWISE NOTED.
2. FRAMING IS FASTENED TO FLOOR WITH SHOT PINS PER MANUFACTURER'S RECOMMENDATION.
3. NEW WALLS ARE PARTITIONS ONLY. TERMINATING AT EXISTING ACOUSTIC CEILING
4. ALL WALLS ARE FINISHED WITH 5/8" GYPSUM BOARD
5. DIAGONAL BRACING TO FLOOR JOISTS WILL BE PROVIDED @ PT. O.C. AT ALL WALLS
6. DOOR FRAMES WILL BE FIMELY PREFINISHED BRONZE ZONE 18 GA. STEEL FRAMES.
7. ALL DOORS WILL BE 3'-0" X 7'-0" X 1 3/4" SOLID CORE MASONITE PAINT GRADE
8. WINDOWS WILL BE TIMELY 3'-0" X 5'-0" BLOCK FRAME WITH SINGLE GLAZED TEMPERED GLASS



SECOND LEVEL FLOOR PLAN



FIRST LEVEL FLOOR PLAN

STEELE CONSTRUCTION
GENERAL CONTRACTOR
State Lic. 681221

220 NORTH WINETTA
FULLERTON, CA 92633
(714)-449-0098

PROJECT DIRECTORY

PROJECT OWNER

ARBONNE INTERNATIONAL
#5 ARGONAUT DRIVE
MISSION VIEJO, CA

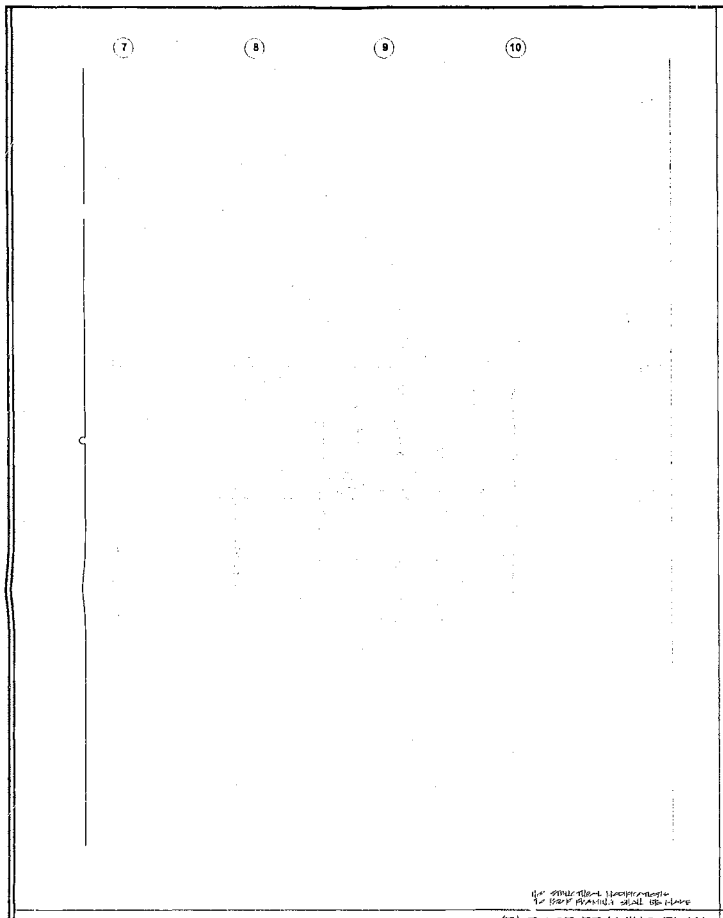
PROJECT ADDRESS

#5 ARGONAUT DRIVE
MISSION VIEJO, CA

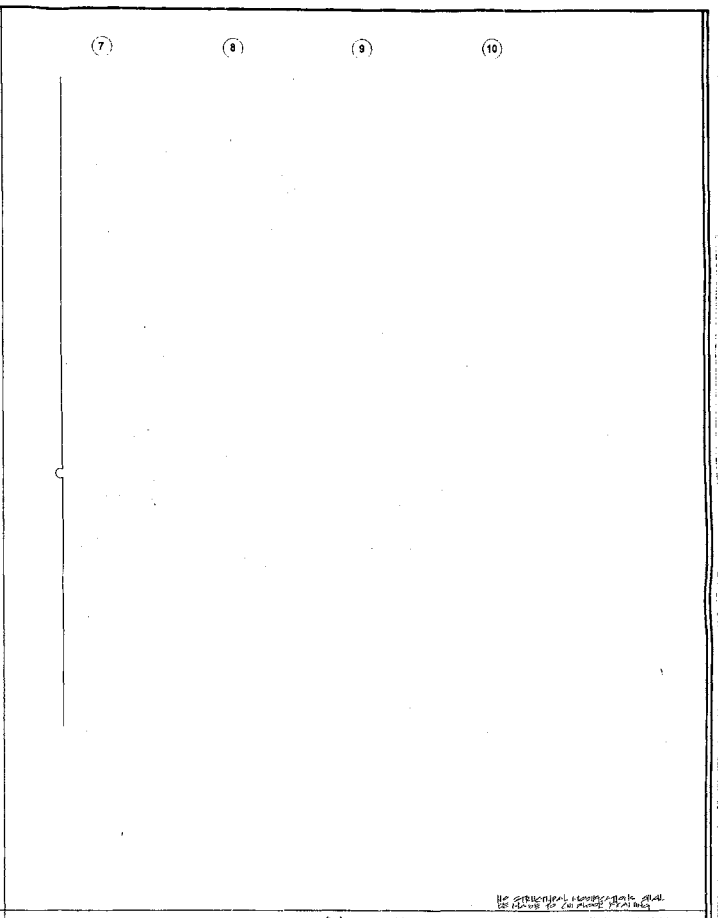
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Job No.
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Plot Date:
REVISION BY DATE:
Date Planned:
Drawn By:
Checked By:

A-1

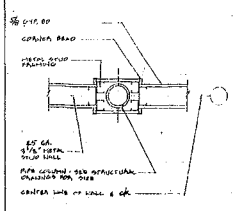
DRAWING OF 3



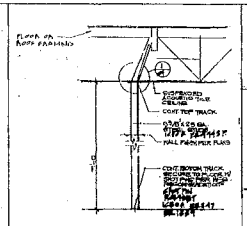
(E) ROOF FRAMING PLAN



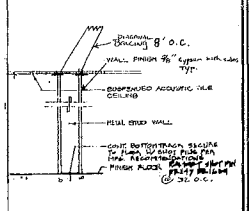
(E) SECOND LEVEL FLOOR FRAMING PLAN



3



2



1

STEELE CONSTRUCTION
GENERAL CONTRACTOR
State Lic. #91221

220 NORTH WINETTA
FULLERTON, CA 92633
(714)-449-0698

PROJECT DIRECTORY

PROJECT OWNER

ARBONNE INTERNATIONAL
815 ARGONAUT DRIVE
MISSION VIEJO, CA

PROJECT ADDRESS

815 ARGONAUT DRIVE
MISSION VIEJO, CA

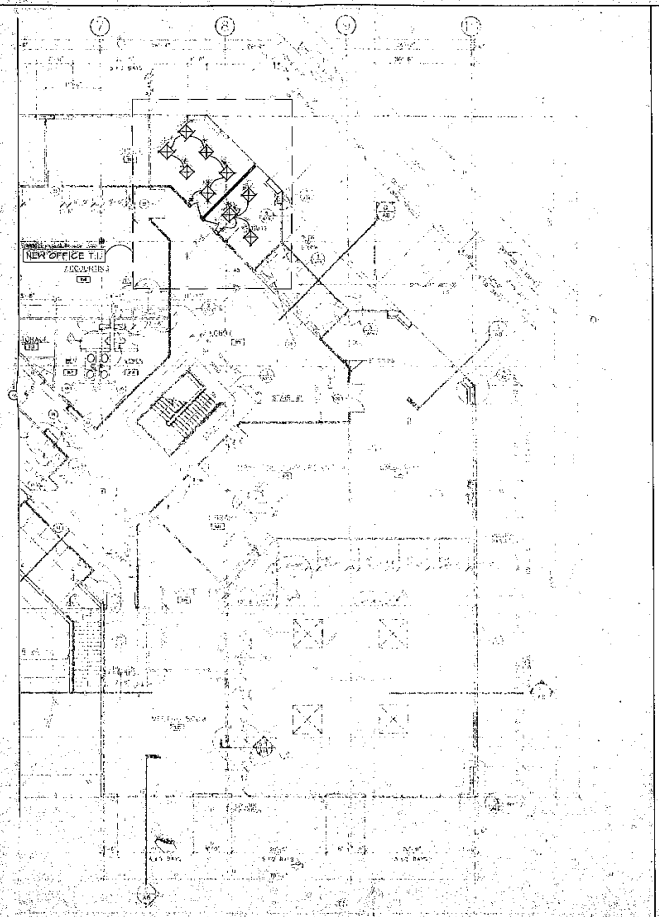
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Plot Stat:
Date Plotted:
Drawn By:
Checked By:

REVISION BY DATE:

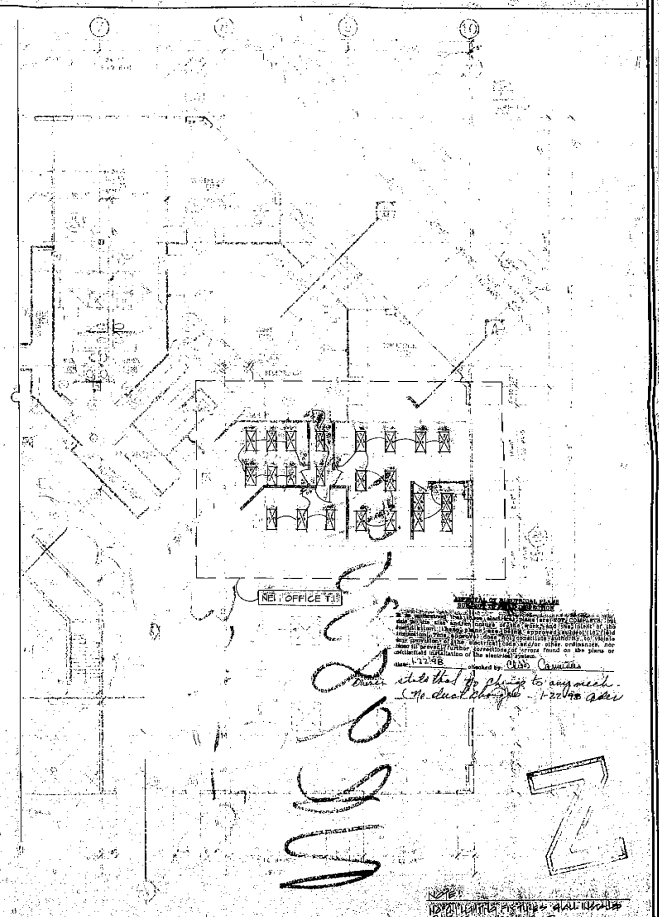
S-1

DRAWING OF 3

FLOOR PLAN NOTES



SECOND LEVEL RELECTED CEILING PLAN



FIRST LEVEL REFLECTED CEILING PLAN

STEELE CONSTRUCTION
GENERAL CONTRACTOR
Tom E. Steele

2320 NORTH WANETA
FULLERTON, CA. 92633
(714) 449-0698

PROJECT DIRECTORY

PROJECT OWNER

ARGONNE INTERNATIONAL
45 ARGONAUT DRIVE
MISSION VIEJO, CA

PROJECT ADDRESS

45 ARGONAUT DRIVE
MISSION VIEJO, CA

Permit No.

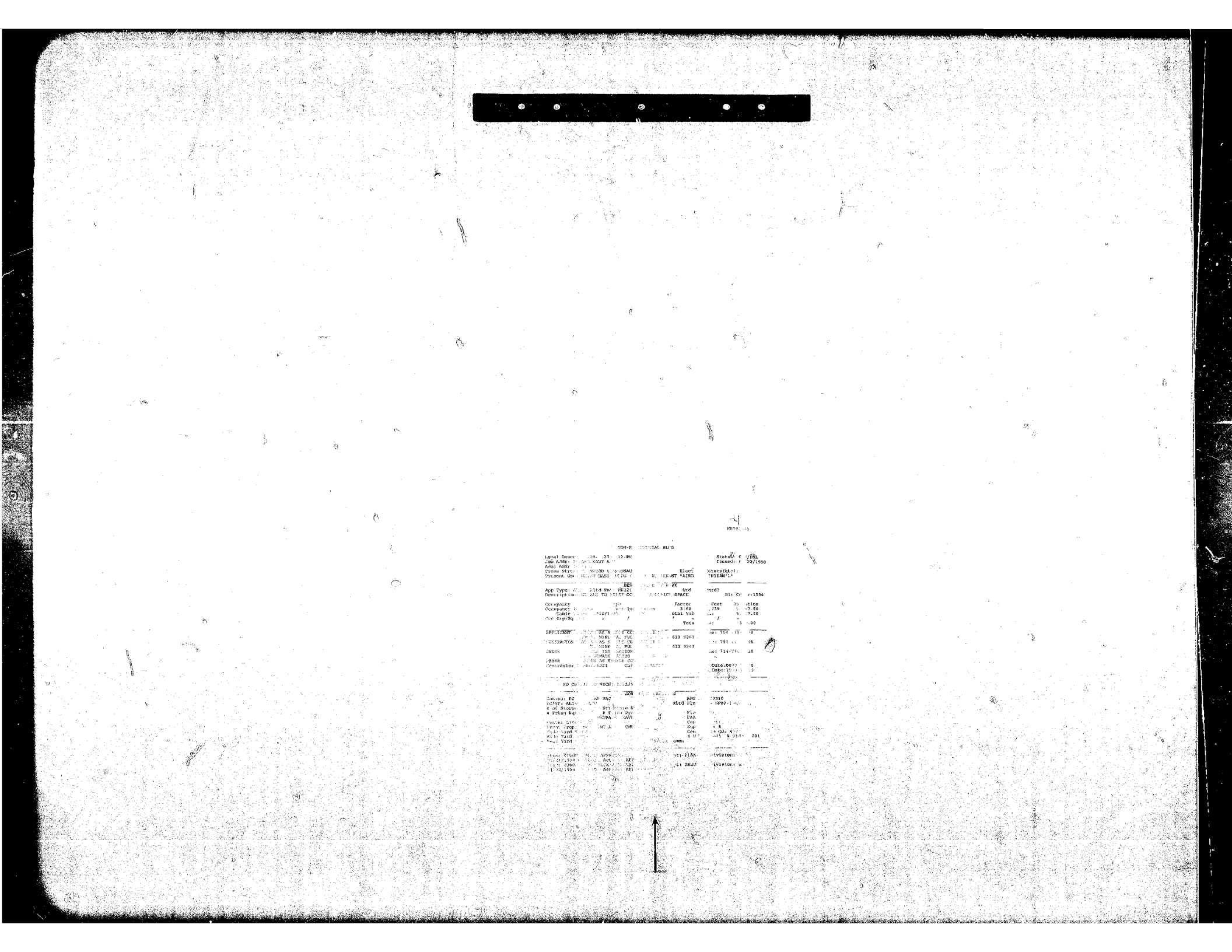
Job No. Date

Revision By Date

Drawn By

Checked By

A-2



COUNTY OF ORANGE
ENVIRONMENTAL MANAGEMENT AGENCY
REGULATION

2

Regional Office: 22921 Triton Way, Laguna Hills, CA 92653, (714) 472-7922/7923

SCRO

Central Office: 12 Civic Center Plaza, P.O. Box 4048, Santa Ana, CA 92702, (714) 834-2630/2631

780-88G

APPLICATION FOR A GRADING PERMIT

PRESS HARD WHEN WRITING

JOB ADDRESS: 15 Argonaut	AREA: Laguna Hills		
LEGAL DESCRIPTION (OR ATTACH)	TRACT: PM 85-158	BLOCK	LOTS INCLUSIVE: Pcl 2
A.P. NO.	SUPER DIST. NO.: 5B	LAND USE WAIVER: GLA	TOTAL NO. LOTS/UNITS
CROSS STREETS: Aliso Creek Rd	AND: Greenwood		
PURPOSE: grading for comm'l building			
OWNER: Kaminari Building Partners	PHONE		
OWNER'S ADDRESS: 4350 Von Karman Ste 440	CITY: Newpt Bch	ZIP CODE: 92660	
PLANS BY: The Keith Companies ERIC NIELSEN	STATE LICENSE: C040995	PHONE: 540-0800	
ADDRESS: 200 Baker	CITY: Costa Mesa	ZIP CODE: 92660	
APPROVED SOIL TESTING FIRM: Schaefer Dixon Ass	PHONE		
ADDRESS: 2168 S. Hathaway	CITY: Santa Ana	ZIP CODE	
SOILS ENGINEER: Timothy Simpson	STATE LICENSE: RCE 41121	PHONE	
ADDRESS: Same	CITY	ZIP CODE	
ENGINEERING GEOLOGIST: James J. Weaver	STATE LICENSE: GE 584	PHONE	
ADDRESS: Same	CITY	ZIP CODE	
GRADING CONTRACTOR	STATE LICENSE	PHONE	
ADDRESS	CITY	ZIP CODE	

REVIEWING OFFICE ☐ C.O. ☐ SCRB
INSPECTING OFFICE ☐ C.O. ☐ SCRB
ZONE: PC
PROPOSED USE: grading for comm'l building

REMARKS:

LAND USE APPROVAL: [signature] NAME 10-13-88 DATE

BOND ☐ NOT REQUIRED
BONDING CO. PLANET INSURANCE Comp.
BOND NO. P1461827
BOND AMOUNT $ 16,750.00
☒ SURETY ☐ CASH ☐ BLANKET BOND ☐ CERT. OF DEPOSIT
☐ LETTER OF CREDIT (Expiration date _____)

CERTIFICATION FOR REGULATION PERMIT

Contractors

I certify that the following Contr. Lic No. _____ and Classification _____ is in full force and effect. Workmen's Compensation Insurance Certificate on file verified by _____ Expiration date: _____.

Other Applicants

I hereby certify I am exempt from Sec. 7031.5 of the Business and Professional Code, Div. 3, Chap. 9, Contractor's License Law under the following section:
☐ Owner (Sect 7044), or
☐ Minor Work under $200 (Sect 7048), or
☐ Employee working for wages only (Sect 7053), or
☐ OTHER: _____

WORKERS COMPENSATION DECLARATION

Certification of Exemption from Sect 3800 of the California Labor Code, Article 3, Construction Permit:

☐ The permit is for One Hundred Dollars ($100) or less. I certify that in the performance of the work for which the permit is issued I shall not employ any person in any manner so as to become subject to the Workmen's Compensation laws of California.

If, after making such certification the applicant for this permit should become subject to the Workmen's Compensation provisions of the Labor Code, the applicant shall forthwith comply with the provisions of Sect 3700 or this permit shall be deemed revoked.

I hereby acknowledge and state that the information I have provided is correct both on the permit and this certificate and agree to comply with all County Ordinances and State laws regulating building construction.

X Joan Duncan Date: 10-13-88
(Applicant's Signature)

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION I HAVE PROVIDED IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

CONSENT IS HEREBY GIVEN TO THE COUNTY OF ORANGE, ITS OFFICERS AGENTS AND EMPLOYEES, TO ENTER UPON THE LAND FOR THE PURPOSES OF SUCH INSPECTIONS, INVESTIGATIONS, OR CORRECTIVE ACTION AS THE BUILDING OFFICIAL OF SUCH COUNTY DEEMS NECESSARY.

I AM AWARE OF ORDINANCE NO. 2717 CONCERNING THE DISCLOSURE OF LOBBYIST.

SIGNATURE Joan Duncan, As Agent OWNER OR AUTHORIZED AGENT 10-13-88

TYPE OF PERMIT

☐ PRELIMINARY NO BUILDING PERMITS TO BE ISSUED UNTIL THIS PERMIT IS SUPERCEDED BY A PRECISE GRADING PERMIT

☐ PRECISE ☐* BUILDING PERMITS MAY BE ISSUED AFTER ROUGH GRADING HAS BEEN APROVED .

NUMBER OF CUBIC YARDS
CUT: 1800
BORROW FILL:
NATURAL FILL: 1800
FEE YARDAGE: 1800
VALUATION OF PROTECTIVE DEVICES AND IMPROVEMENTS
$ 28,632.00

GRADING FEES

PLAN CHECK:		TOTAL P.C.
IMPROVEMENTS: (DIA 235)	$ 204.87	
GRADING (GRA 235)	$ 308.97	$ 513.84

GRADING PERMIT		TOTAL PERMIT
IMPROVEMENTS: (DIB 235)	$ 241.02	
GRADING (GRB 235)	$ 363.50	
ISSUANCE FEE	$ 6.74	$ 611.26

APPLICATION APPROVED [signature] DATE 12-22-88
FINAL APPROVED _____ DATE _____
BOND RELEASED _____ DATE _____

THIS FORM WHEN PROPERLY VALIDATED IS A PERMIT TO DO THE WORK DESCRIBED FOR A PERIOD OF 2 YEARS FROM DATE OF ISSUANCE

VALIDATION

*THIS PERMIT SUPERCEDES A PORTION / ALL OF GRADING PERMIT NO. _____ HAVING FEE YARDAGE IN THE AMOUNT OF _____ YD.³

4 12/22/88 212453 370.24 GRB235 204.87 DIA235 241.02 DIB235 $$$$$816.13 TOTAL

VALIDATION (OFFICE USE ONLY)

CASHIER | DATE | PERMIT NO. | PERMIT FEE | CODE | PLAN CHECK | TOTAL

City of Aliso Viejo

Building and Safety Division
12 Journey
Aliso Viejo, CA 92656
(949) 425-2500
fax (949) 425-3899

APPLICATION FOR BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY

Inspection request line 949-425-2545

Building Address
St No. 15 Street ARGONAUT
APN Lot Tract Block

Applicant Centcenton On Electronics Inc
St No. 15 Street Argonaut
City Aliso Viejo Zip 92656 Phone 855-9111

Engr/ Arch Lic No.

Owners name CENTCENTON ON 855-9111
15 ARGONAUT
Aliso Viejo 92656

Contractor Lic No.

Licensed Contractor's Declaration
I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000 of Division 3 of the Business and Professions Code) and my license is in full force and effect.
License Class License Number
Date 6/18/2003 Contractor
Address
City and Zip Phone

Construction Lending Agency
I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 1097, Civ..C)
Lender's Name _____
Lender's Address _____

Owner-Builder Declaration
I hereby affirm that I am exempt from the Contractor's License Law for the following reason [Sec.7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the contractor's License Law(Chapter 9, commencing with Section 7000, of Division 3 of the Business and professions Code) or that he is exempt therefrom, and the basis for the alleged exemption. Any violation of section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's Licensed Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project(Sec 7044, Business and Professions Code:The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with contractor(s) licensed pursuant to the contractors License Law).

☐ I am exempt under Sec _____, B&PC for this reason

Date 6/18/03 Initial MM

Workers' Compensation Declaration
I hereby affirm under penalty of perjury one of the following declarations:

☐ a. I have and will maintain a certificate of consent to self-insure for workers' compensation as provided by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☐ b. I have and will maintain worker's compensation, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:
Ins. Co.: _____
Policy No: _____
Exp Date: _____

☐ (This section need not be completed if the permit is for one hundred dollars ($100) or less).

☐ c. I certify that in the performance of the work for which this permit is issued,I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.
Date _____ Signature _____

Warning: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars ($100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest, and attorney's fees.

I certify that I have read this application and state that the above information is correct, and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of the City of Aliso Viejo to enter upon the above mentioned property for inspection purposes.

Signature of Applicant or Agent

MARK MISCIONE 06/18/03
Print Applicant's/Agent's Name Date

Permit Number	Plan Review No.:
57814	57814

The following work is authorized by this permit
☐ Struct. ☐ Plumb. ☐ Mech. ☐ Elect.
Type of Project ☐ New ☐ Alter ☐ Addition ☐ Repair
☐ Tenant Improvement ☐ Demo ☒ Occupancy Permit

Project Description	Sq.Ft.	Sq.Ft.
CERT OF OCCUP		

Business Lic No

Remarks/Special Conditions/Project Description
THIS PERMIT IS FOR CERTIFICATE OF OCCUPANCY. NO TENANT IMPROVEMENTS ARE INVOLVED WITH THIS MOVE IN.

This permit shall expire if the building or work authorized by such permit is suspended or abandoned for a period of 180

All work shall conform to the 1997 U.B.C., 1997 U.M.C., 1997 U.P.C. and the 1996 N.E.C.

Group/Division/Type	High Fire Hazard
B 1HR SPRINK	☐ Yes ☐ No
Valuation	Fire Sprinklers ☐ Yes ☐ No

Structural	$40.00
Elect	
Mech	
Plumb	
Plan check	
Issuance	$15.00
Microfiche	
Soils/Geology	
Total City Fee Due	$55.00
Seismic Fee	
Total Amount Paid	$55.00

Issuance Approved Ty Hall

Date Issued	Permit Number
Wed, Jun 18, 2003	57814

Receipt # **2402**

CONSTRUCTION AND PLANNING APPROVALS Permit #_____	Date	Insp.
1. Temporary Electrical Service or Pole		
2. Soil Pipe--Underground		
3. Water Pipe--Underground / Underslab		
4. Water Service		
5. Property Sewer / House Connection		
6. Electrical Conduit--Underground		
7. Gas Line Underground & Test		
8. Footings & Steel Ufer ☐		
9. Foundation--Slab on Grade		
10. Retaining Wall Footing		
11. Pre--Grout ☐ Drainage ☐		
12. Gas Pipe-Underground & Test		
13. Rough Plumbg./Top Out/Shower Pan		
14. Roof Drains & Overflows		
15. Rough Electrical--Conduit		
16. Rough Electrical Wiring		
17. Rough Heating & Air Conditioning		
18. Rough Factory Fireplace		
19. Ducts, Ventilating		
20. Fire Dampers		
21. Floor Sheathing		
22. Roof Sheathing		
23. Roof Framing		
24. Approved to Cover Exterior		
25. Rough Frame and Flashing		
26. "T" Bar Ceiling/Elect./Mechanical		
27. Insulation		
28. Lathing ☐ Interior ☐ Exterior		
29. Drywall Nailing		
30. Electric Power Meter Final		
31. Final Electric		
32. Final Sign		
33. Hood or Canopy Final		
34. Final Factory Fireplace		
35. Final Mechanical		
36. Final Plumbing		
37. Water Service Final/Release		
38. Gas Final Including Connectors		
39. Solar Domestic--Final		
40. Re-roof Final		
41. Retaining Wall Final		
42. Handicap Regulations		
43. Landscape Final		
44. Zoining--Final		
45. Engineering--Final		
46. Health--Final		
47. Final Structure & Building		
48. Gas Release		
49. Electric Release		
***Inspector's Initials & Name		

POOL AND SPA APPROVALS Permit #_____	Date	Insp.
1. Pool & Equipment Location		
2. Steel Reinforcement		
3. Electrical Bonding		
4. Rough Plumbing & Pressure Test		
5. APPROVAL TO COVER--GUNITE		
6. Electrical Conduit--Underground		
7. Gas Pipe, ☐ Underground, Test		
8. Backwash Lines, P-Trap, ☐ Und.		
9. Backwash & Receptor--Final		
10. Fencing and Access Approval		
11. APPROVED FOR PLASTERING		
12. Heater & Vent--Final		
13. Plumbing System--Final		
14. Electrical--Final		
15. Solar System--Final		
16. POOL / SPA SYSTEM FINAL		

FIRE DEPT. REQUIREMENT APPROVALS Permit #_____	Date	Insp.
1. UNDERGROUND HYDRO		
2. PRODUCT PIPING ☐ GAS ☐ OIL		
3. UNDERGROUND FLUSH		
4. UND. STRG. TANK ☐ GAS ☐ OIL		
5. OVERHEAD HYDRO		
6. DRY CHEMICAL		
7. DRY STANDPIPE		
8. FIXED SYSTEM FINAL		
9. FIRE PREVENTION FINAL		

NOTES:

I, AS THE CONTRACTOR, HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT I AM A CERTIFIED HOME IMPROVEMENT CONTRACTOR UNDER THE PROVISIONS OF SECTIONS 7150 AND 7151 OF THE STATE OF CALIFORNIA BUSINESS AND PROFESSIONS CODE.

DATE:_____ **CONTRACTOR:**_____

6/25/03 Cert. of occup

Certificate of Occupancy

CITY OF ALISO VIEJO

12 JOURNEY • ALISO VIEJO, CALIFORNIA 92656 • (949) 425-3800

This Certificate issued pursuant to the requirements of Section 109 of the Uniform Building Code certifying that at the time of issuance this structure was in compliance with the various ordinances of the City regulating building construction or use.

Address where Business will be conducted: 15 Argonaut

Name of Occupant/Owner: Centon Electronics, Inc. Business Phone: 855-9111

Address of Home Office of Occupant if different than above: _____ Home Office Phone: _____

Permit No. 57814 Occupancy Group B No. of Units 1 Type of Construction V NR SPRINKLERED

Building Division Date Approved: 6/25/03 By: Joy Astle

Use Zone Business Park Occupancy Description Manufacturing

Planning Division Date Approved: 6/25/03 By: Clint Sherrod

LIMITATIONS: _____

Date 6/25/03

Buster Scholl
Building Official

This Certificate shall be posted in a conspicuous place on the premises and shall not be removed except by the Building Official

CENTON ELECTRONICS
MEMORIES THAT LAST FOREVER™

Centon Electronics, Inc.

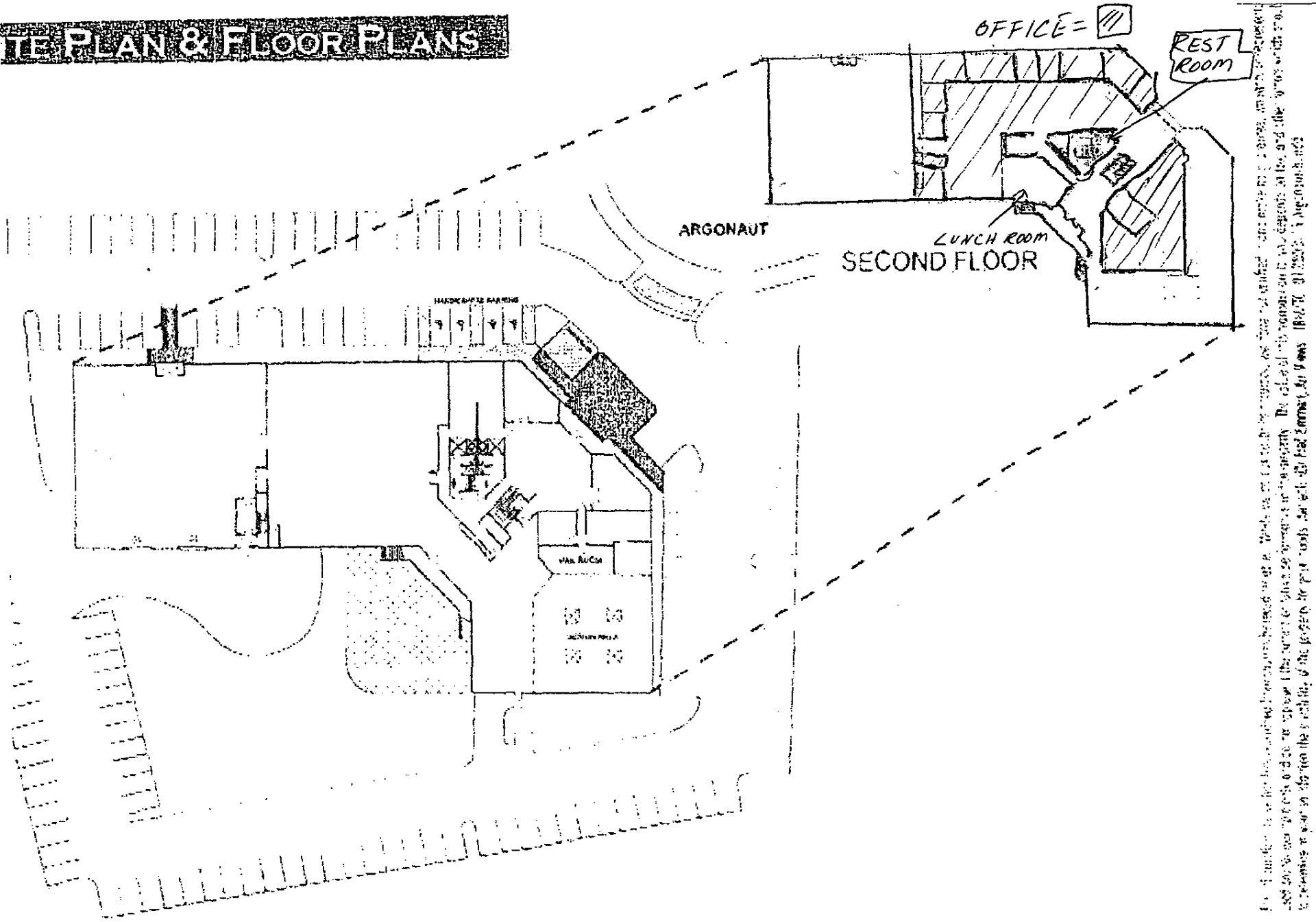
To: City of Aliso Viejo

Centon Electronics, Inc. is a leading worldwide designer, manufacturer and supplier of memory solutions. Centon's expansive product line includes state-of-the-art memory solutions for desktops, servers, notebooks, workstations, printers, motherboards, embedded systems and telecommunications devices. All products are either JEDEC compliant or engineered to meet or exceed OEM specifications to ensure reliability and 100% compatibility. Centon is ISO 9001 certified

Total Sq. Ft of building 37,724
- Office aprox 12 k
- Wharehouse /manf 25,724

Total number of employees 76
- Men: 54
- Women: 22

TE PLAN & FLOOR PLANS



URTHER INFORMATION PLEASE CONTACT

CARR
25.8631
@cbre.com

KEITH BLACK
949.725.8633
kblack@cbre.com

STEVE WAGNER
949.725.8616
swagner@cbre.com

CB Richard Ellis
NAVIGATING A NEW WORLD™

City of Aliso Viejo

Building and Safety Division
12 Journey
Aliso Viejo, CA 92656
(949) 425-2500
fax (949) 425-3899

APPLICATION FOR BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY

Inspection request line 949-425-2545

Building Address
St No. 15 Street ARGONAUT
APN Lot Tract Block

Applicant Centcenton On Electronics Inc
St No. 15 Street Argonaut
City Aliso Viejo Zip 92656 Phone 855-9111

Engr/ Arch Cls Corp Lic No. 930
P O Box 7318
Fullerton 92834

Owners name CENTCENTON ON 855-9111
15 ARGONAUT
Aliso Viejo 92656

Contractor
Gti Commerical Contractors Lic No. 480519
25801 Obero #5
Mission Viejo 92691 583-9300

Licensed Contractor's Declaration
I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000 of Division 3 of the Business and Professions Code) and my license is in full force and effect.
License Class B License Number 480519
Date 9/8/2003 Contractor GTI COMMERICAL CONTRACTORS
Address 25801 OBERO #5
City and Zip MISSION VIEJO 92691 Phone 583-9300

Construction Lending Agency
I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 1097, Civ..C)
Lender's Name _____
Lender's Address _____

Owner-Builder Declaration
I hereby affirm that I am exempt from the Contractor's License Law for the following reason [Sec.7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the contractor's License Law(Chapter 9, commencing with Section 7000, of Division 3 of the Business and professions Code) or that he is exempt therefrom, and the basis for the alleged exemption. Any violation of section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's Licensed Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project(Sec.7044, Business and Professions Code:The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with contractor(s) licensed pursuant to the contractors License Law).

☐ I am exempt under Sec._____, B&PC for this reason

Date_____ Initial_____

Workers' Compensation Declaration

I hereby affirm under penalty of perjury one of the following declarations:

☐ a. I have and will maintain a certificate of consent to self-insure for workers' compensation as provided by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☒ b. I have and will maintain worker's compensation, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:
Ins. Co.: Statefund
Policy No: 1381076-02
Exp Date: 12-1-03

☐ (This section need not be completed if the permit is for one hundred dollars ($100) or less).

c. I certify that in the performance of the work for which this permit is issued,I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.
Date 9-8-03 Signature _____

Warning: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars ($100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest, and attorney's fees.

I certify that I have read this application and state that the above information is correct, and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of the City of Aliso Viejo to enter upon the above mentioned property for inspection purposes.

Signature of Applicant or Agent

Gene Tribolet
Print Applicant's/Agent's Name

9-8-03
Date

Permit Number	Plan Review No.:
58110	58110

The following work is authorized by this permit
☒ Struct. ☐ Plumb. ☒ Mech. ☒ Elect.
Type of Project ☐ New ☐ Alter ☐ Addition ☐ Repair
☒ Tenant Improvement ☐ Demo ☒ Occupancy Permit

Project Description	Sq.Ft.	Sq.Ft.
TENANT	8000	

Business Lic No

Remarks/Special Conditions/Project Description
THIS PERMIT IS TO INSTALL TENANT IMPROVEMENTS FOR 8000 SQFT

Expired

This permit shall expire if the building or work authorized by such permit is suspended or abandoned for a period of 180.

All work shall conform to the 1997 U.B.C., 1997 U.M.C., 1997 U.P.C. and the 1996 N.E.C.

Group/Division/Type	High Fire Hazard
B SPRINK	☐ Yes ☐ No
Valuation	**Fire Sprinklers**
$84,000.00	☐ Yes ☐ No

Structural	$849.90
Elect	
Mech	
Plumb	
Plan check	
Issuance	$17.33
Microfiche	$9.00
Water Quality	
Total City Fee Due	$867.23
Seismic Fee	
Total Amount Paid	$876.23

Issuance Approved Ty Hall

Date Issued	Permit Number
Mon, Sep 8, 2003	58110

Receipt # 2646

CONSTRUCTION AND PLANNING APPROVALS Permit #_____	Date	Insp.
1. Temporary Electrical Service or Pole		
2. Soil Pipe--Underground		
3. Water Pipe--Underground / Underslab		
4. Water Service		
5. Property Sewer / House Connection		
6. Electrical Conduit--Underground		
7. Gas Line Underground & Test		
8. Footings & Steel Ufer ☐		
9. Foundation--Slab on Grade		
10. Retaining Wall Footing		
11. Pre--Grout ☐ Drainage ☐		
12. Gas Pipe-Underground & Test		
13. Rough Plumbg./Top Out/Shower Pan		
14. Roof Drains & Overflows		
15. Rough Electrical--Conduit		
16. Rough Electrical Wiring		
17. Rough Heating & Air Conditioning		
18. Rough Factory Fireplace		
19. Ducts, Ventilating		
20. Fire Dampers		
21. Floor Sheathing		
22. Roof Sheathing		
23. Roof Framing		
24. Approved to Cover Exterior		
25. Rough Frame and Flashing		
26. "T" Bar Ceiling/Elect./Mechanical	9/24/03 ✓	
27. Insulation		
28. Lathing ☐ Interior ☐ Exterior		
29. Drywall Nailing	9/10/03	Jy
30. Electric Power Meter Final		
31. Final Electric		
32. Final Sign		
33. Hood or Canopy Final		
34. Final Factory Fireplace		
35. Final Mechanical		
36. Final Plumbing		
37. Water Service Final/Release		
38. Gas Final Including Connectors		
39. Solar Domestic--Final		
40. Re-roof Final		
41. Retaining Wall Final		
42. Handicap Regulations		
43. Landscape Final		
44. Zoining--Final		
45. Engineering--Final		
46. Health--Final		
47. Final Structure & Building		
48. Gas Release		
49. Electric Release		
***Inspector's Initials & Name T. H	Jy Hall	

POOL AND SPA APPROVALS Permit #_____	Date	Insp.
1. Pool & Equipment Location		
2. Steel Reinforcement		
3. Electrical Bonding		
4. Rough Plumbing & Pressure Test		
5. APPROVAL TO COVER--GUNITE		
6. Electrical Conduit--Underground		
7. Gas Pipe, ☐ Underground, Test		
8. Backwash Lines, P-Trap, ☐ Und.		
9. Backwash & Receptor--Final		
10. Fencing and Access Approval		
11. APPROVED FOR PLASTERING		
12. Heater & Vent--Final		
13. Plumbing System--Final		
14. Electrical--Final		
15. Solar System--Final		
16. POOL / SPA SYSTEM FINAL		

FIRE DEPT. REQUIREMENT APPROVALS Permit #_____	Date	Insp.
1. UNDERGROUND HYDRO		
2. PRODUCT PIPING ☐ GAS ☐ OIL		
3. UNDERGROUND FLUSH		
4. UND. STRG. TANK ☐ GAS ☐ OIL		
5. OVERHEAD HYDRO		
6. DRY CHEMICAL		
7. DRY STANDPIPE		
8. FIXED SYSTEM FINAL		
9. FIRE PREVENTION FINAL		

NOTES:

I, AS THE CONTRACTOR, HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT I AM A CERTIFIED HOME IMPROVEMENT CONTRACTOR UNDER THE PROVISIONS OF SECTIONS 7150 AND 7151 OF THE STATE OF CALIFORNIA BUSINESS AND PROFESSIONS CODE.

DATE:_____ **CONTRACTOR:**_____

Expired

City of Aliso Viejo

Building and Safety Division
12 Journey
Aliso Viejo, CA 92656
(949) 425-2500
fax (949) 425-3899

APPLICATION FOR BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY

Inspection request line 949-425-2545

Building Address
St No. 15 Street ARGONAUT
APN Lot Tract Block

Applicant Centcenton On Electronics Inc
St No. 15 Street Argonaut
City Aliso Viejo Zip 92656 Phone 855-9111

Engr/ Arch Cls Corp Lic No. 930
P O Box 7318
Fullerton 92834

Owners name CENTCENTON ON 855-9111
15 ARGONAUT
Aliso Viejo 92656

Contractor
Gti Commerical Contractors Lic No. 480519
25801 Obero #5
Mission Viejo 92691 583-9300

Licensed Contractor's Declaration

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000 of Division 3 of the Business and Professions Code) and my license is in full force and effect.

License Class B License Number 480519
Date 9/8/2003 Contractor GTI COMMERICAL CONTRACTORS
Address 25801 OBERO #5
City and Zip MISSION VIEJO 92691 Phone 583-9300

Construction Lending Agency

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 1097, Civ.C)

Lender's Name _____
Lender's Address _____

Owner-Builder Declaration

I hereby affirm that I am exempt from the Contractor's License Law for the following reason [Sec.7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the contractor's License Law(Chapter 9, commencing with Section 7000, of Division 3 of the Business and professions Code) or that he is exempt therefrom, and the basis for the alleged exemption. Any violation of section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code. The Contractor's Licensed Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project(Sec.7044, Business and Professions Code:The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with contractor(s) licensed pursuant to the contractors License Law)

☐ I am exempt under Sec._____, B&PC for this reason

Date_____ Initial_____

Workers' Compensation Declaration

I hereby affirm under penalty of perjury one of the following declarations:

☐ a. I have and will maintain a certificate of consent to self-insure for workers' compensation as provided by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☐ b. I have and will maintain worker's compensation, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:

Ins. Co.: State Fund
Policy No.: 13P1076-02
Exp Date: 12-1-03

(This section need not be completed if the permit is for one hundred dollars ($100) or less).

☐ c. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 9-4-03 Signature _____

Warning: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars ($100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest, and attorney's fees.

I certify that I have read this application and state that the above information is correct, and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of the City of Aliso Viejo to enter upon the above mentioned property for inspection purposes.

Signature of Applicant or Agent

Print Applicant's/Agent's Name Date 9-4-03

Permit Number	Plan Review No.:
58113	58113

The following work is authorized by this permit

☐ Struct. ☒ Plumb. ☒ Mech. ☒ Elect.

Type of Project ☐ New ☐ Alter ☐ Addition ☐ Repair ☒ Tenant Improvement ☐ Demo ☐ Occupancy Permit

Project Description	Sq.Ft.	Sq.Ft.
ELECT TI		
MECH TI		
PLUMB TI		

Business Lic No

Remarks/Special Conditions/Project Description

THIS PERMIT IS TO INSTALL ELECT, MECH, AND PLUMB TENANT IMPROVEMENTS REQUIREMENTS FOR 8000 SQFT

F
9/14/01
TY H.

This permit shall expire if the building or work authorized by such permit is suspended or abandoned for a period of 180

All work shall conform to the 1997 U.B.C., 1997 U.M.C., 1997 U.P.C. and the 1996 N.E.C.

Group/Division/Type	High Fire Hazard
B SPRINK	☐ Yes ☐ No
Valuation	Fire Sprinklers ☐ Yes ☐ No

Structural	
Elect	$100.00
Mech	$48.28
Plumb	$23.10
Plan check	$111.40
Issuance	$17.33
Microfiche	
Water Quality	
Total City Fee Due	$300.11
Seismic Fee	
Total Amount Paid	$300.11

Issuance Approved Ty Hall

Date Issued	Permit Number
Mon, Sep 8, 2003	58113

Receipt # **2644**

CONSTRUCTION AND PLANNING APPROVALS Permit #_____	Date	Insp.
1. Temporary Electrical Service or Pole		
2. Soil Pipe--Underground		
3. Water Pipe--Underground / Underslab		
4. Water Service		
5. Property Sewer / House Connection		
6. Electrical Conduit--Underground		
7. Gas Line Underground & Test		
8. Footings & Steel Ufer ☐		
9. Foundation--Slab on Grade		
10. Retaining Wall Footing		
11. Pre--Grout ☐ Drainage ☐		
12. Gas Pipe-Underground & Test		
13. Rough Plumbg./Top Out/Shower Pan		
14. Roof Drains & Overflows		
15. Rough Electrical--Conduit U/G work	9/5/03	✓
16. Rough Electrical Wiring		
17. Rough Heating & Air Conditioning		
18. Rough Factory Fireplace		
19. Ducts, Ventilating		
20. Fire Dampers		
21. Floor Sheathing		
22. Roof Sheathing		
23. Roof Framing		
24. Approved to Cover Exterior		
25. Rough Frame and Flashing		
26. "T" Bar Ceiling/Elect./Mechanical		
27. Insulation		
28. Lathing ☐ Interior ☐ Exterior		
29. Drywall Nailing		
30. Electric Power Meter Final		
31. Final Electric		
32. Final Sign		
33. Hood or Canopy Final		
34. Final Factory Fireplace		
35. Final Mechanical		
36. Final Plumbing		
37. Water Service Final/Release		
38. Gas Final Including Connectors		
39. Solar Domestic--Final		
40. Re-roof Final		
41. Retaining Wall Final		
42. Handicap Regulations		
43. Landscape Final		
44. Zoining--Final		
45. Engineering--Final		
46. Health--Final		
47. Final Structure & Building	9/14/01	TY
48. Gas Release		
49. Electric Release		
***Inspector's Initials & Name		

POOL AND SPA APPROVALS Permit #_____	Date	Insp.
1. Pool & Equipment Location		
2. Steel Reinforcement		
3. Electrical Bonding		
4. Rough Plumbing & Pressure Test		
5. APPROVAL TO COVER--GUNITE		
6. Electrical Conduit--Underground		
7. Gas Pipe, ☐ Underground, Test		
8. Backwash Lines, P-Trap, ☐ Und.		
9. Backwash & Receptor--Final		
10. Fencing and Access Approval		
11. APPROVED FOR PLASTERING		
12. Heater & Vent--Final		
13. Plumbing System--Final		
14. Electrical--Final		
15. Solar System--Final		
16. POOL / SPA SYSTEM FINAL		

FIRE DEPT. REQUIREMENT APPROVALS Permit #_____	Date	Insp.
1. UNDERGROUND HYDRO		
2. PRODUCT PIPING ☐ GAS ☐ OIL		
3. UNDERGROUND FLUSH		
4. UND. STRG. TANK ☐ GAS ☐ OIL		
5. OVERHEAD HYDRO		
6. DRY CHEMICAL		
7. DRY STANDPIPE		
8. FIXED SYSTEM FINAL		
9. FIRE PREVENTION FINAL		

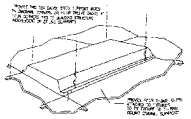
NOTES:

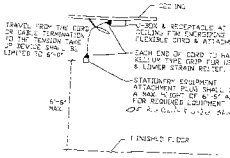
I, AS THE CONTRACTOR, HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT I AM A CERTIFIED HOME IMPROVEMENT CONTRACTOR UNDER THE PROVISIONS OF SECTIONS 7150 AND 7151 OF THE STATE OF CALIFORNIA BUSINESS AND PROFESSIONS CODE.

DATE:_____ **CONTRACTOR:**_____

AS BUILT
ELECTRICAL
IS ~~ENTERPRISE~~
ARGONAUT
#5813

RECESSED FIXTURE SUPPORT





MANDATORY MEASURES

1. EXISTING LIGHTING SHUT-OFF: THE EXISTING LIGHTING SHALL BE EQUIPPED WITH AN AUTOMATIC TIME SWITCH, WITH A 120HR PER DAY MINIMUM.
2. OUTDOOR LIGHTING SHALL BE CONTROLLED BY A PHOTOCELL AND TIME SWITCH THAT SHUTS OFF OUTDOOR LIGHTING WHEN SUFFICIENT DAYLIGHT IS AVAILABLE.
3. AUTOMATIC CONTROL DEVICES: AUTOMATIC LIGHTING SHUTDOWN DEVICES SHALL BE INSTALLED IN ALL BUILDINGS.
4. FLUORESCENT BALLASTS AND LUMINAIRES: ALL FLUORESCENT FIXTURES SHALL BE ELECTRONIC BALLASTS.
5. TANDEM WIRING FOR 2 LAMP BALLASTS: ALL 2 LAMP AND THREE LAMP FLUORESCENT FIXTURES SHALL BE TANDEM WIRED. ALL 4 LAMP FIXTURES SHALL BE INSTALLED WITH TWO 2 LAMP ELECTRONIC BALLASTS.
6. MANUAL ROOM/AREA CONTROLS: EACH ROOM AND AREA IN THE BUILDING IS EQUIPPED WITH A READILY ACCESSIBLE MANUAL ON/OFF LIGHTING SWITCH.
7. LIGHTING REDUCTION FOR OCCUPANCY SENSORS: ALL OFFICES AND AREAS GREATER THAN 100 SQUARE FEET SHALL BE EQUIPPED WITH OCCUPANCY SENSORS.
8. SHUT AREA CONTROL: ALL ROOMS WITH WINDOWS ARE EQUIPPED WITH AUTOMATIC DAYLIGHT CONTROL SENSORS.
9. CONTROL OF EXTERIOR LIGHTS: EXTERIOR MOUNTED FIXTURES AND SURFACE FROM THE ELECTRICAL PANEL AND BY THE BUILDING ARE CONTROLLED BY A PHOTOCELL AND TIME SWITCH.

SYMBOL LIST

SYMBOL	DESCRIPTION
⊖	DUPLEX RECEPTACLE MOUNT AT +18" AFF, OR AS NOTED
⊖	DOUBLE DUPLEX MODIFIED RECEPTACLE MOUNT AT THE AFF, OR AS NOTED
GFI⊖	GROUND FAULT CIRCUIT DUPLEX RECEPTACLE +18" AFF, OR AS NOTED
⊖	DEDICATED DUPLEX RECEPTACLE +18" AFF, OR AS NOTED
⊖	SPECIAL RECEPTACLE FOR EQUIPMENT BEING DELIVERED, PLANS SHOW VOLTAGE AND AMPS.
⊖	JUNCTION BOX, SIZE AS REQUIRED
⊃	DISCONNECT SWITCH, SIZE SHOWN ON PLANS
⊃	TELEPHONE/DATA OUTLET +18" AFF, OR AS NOTED
$	SWITCH, MOUNT +48" A.F.F. OR AS NOTED
$$	DOUBLE SWITCH FOR TYPE 2N, +48" A.F.F. OR AS NOTED
$3	THREE WAY SWITCH, MOUNT +48" AFF, OR AS NOTED
⊙	THERMOSTAT, CONTROL DEVICE TO MAT
ⓓ	SMOKE DETECTOR
SFD	SMOKE FIRE DAMPER, MOUNT IN JOISTS AS SHOWN ON PLAN
	ELECTRIC PANEL FOR LIGHTS, POWER AND/OR HVAC
	MAIN SWITCHBOARD
ⓜ	MAGNETIC DOOR HOLDER
⊗	EXIT SIGN WITH 90 MIN BATTERY

FIXTURE SCHEDULE

TYPE	WATTS	DESCRIPTION
A	32	2'x4' RECESSED FIXTURE WITH 3 LAMPS T-8 AND ELECTRONIC BALLAST MOUNTED ON CEILING
B	60	1'x4' FLUORESCENT STRIP WITH 2 LAMPS T-8 AND ELECTRONIC BALLAST MOUNTED ON CEILING
EM	14	WALL MOUNTED EMERGENCY LIGHT WITH 90 MIN BATTERY

GENERAL NOTES:

ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE 2006 CALIFORNIA ELECTRICAL CODE, AND ALL APPLICABLE STATE, COUNTY AND LOCAL CODES APPLYING TO THE PROPOSED CONSTRUCTION. THE MOST RESTRICTIVE CODES SHALL APPLY IN CASE OF CONFLICT.

ELECTRICAL EQUIPMENT AND MATERIAL TO BE LISTED, LABELED, AND INSTALLED AS PER UNDERWRITERS LABORATORIES OR EQUAL. ALL MATERIAL AND EQUIPMENT SHALL BE DELIVERED TO THE SITE NEW, BEARING APPROVAL BY U.L., NEMA OR OTHER APPROPRIATE AGENCY AS PER G.C. SAMPLE RATING.

TELEPHONE CONTRACTOR SHALL PROVIDE LAYOUTS FOR OWNERS APPROVAL INCLUDING CONNECTIONS TO TELEPHONE SWITCHBOARD, CONDUITS BETWEEN BUILDINGS, ETC. PRIOR TO BIDDING OR INSTALLATION.

CONTRACTOR TO VISIT SITE AND VERIFY ALL JOB CONDITIONS INCLUDING DESIGN PRIOR TO BIDDING OR INSTALLATION.

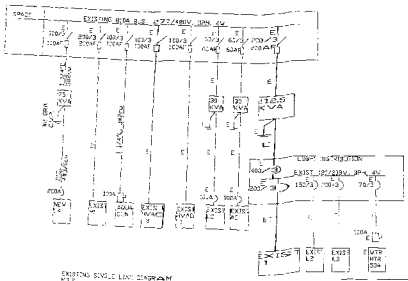
THE CONTRACTORS SHALL DEFEND, INDEMNIFY, AND HOLD THE ELECTRICAL DESIGNER HARMLESS FOR ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

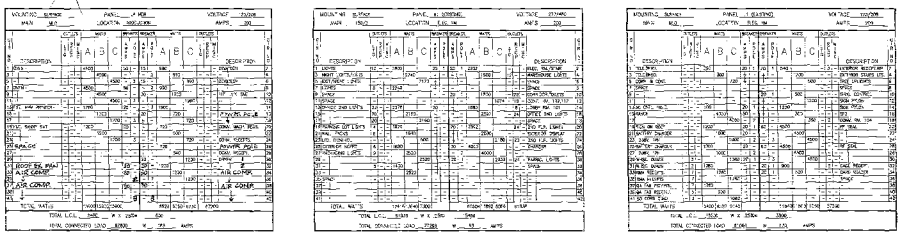
CONTRACTOR TO OBTAIN ALL PERMITS AND INSPECTIONS AS REQUIRED. ALL NO ADDITIONAL COST TO THE OWNER.

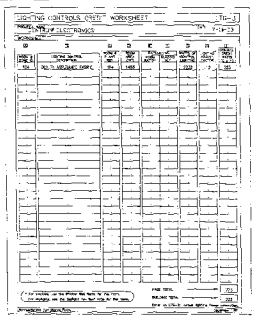
VERIFY ALL OUTLET AND FIXTURE LOCATIONS. CONDUIT RUNS SHOWN DIAGRAMMATICALLY AND MAY BE CHANGED TO SUIT FIELD CONDITIONS. (VERIFY WITH OWNER OR ARCHITECT).

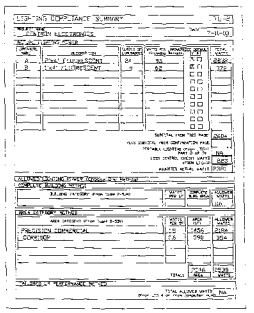
PROVIDE TYPEWRITTEN DIRECTORY INSIDE EACH PANEL DOOR.

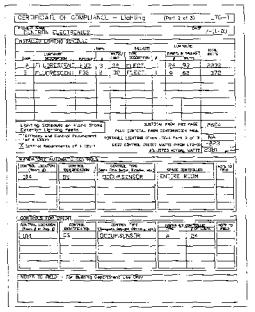
ALL CONDUCTORS TO BE THHN, CU OR THWN CU.

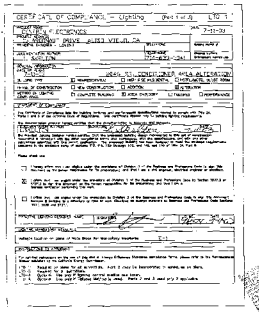












SENTRON ELECTRONICS
15 ARGONAUT DR.
ALISO VIEJO, CA
92691
(949) 583-9300

issue and rev's'd

no.	date	description

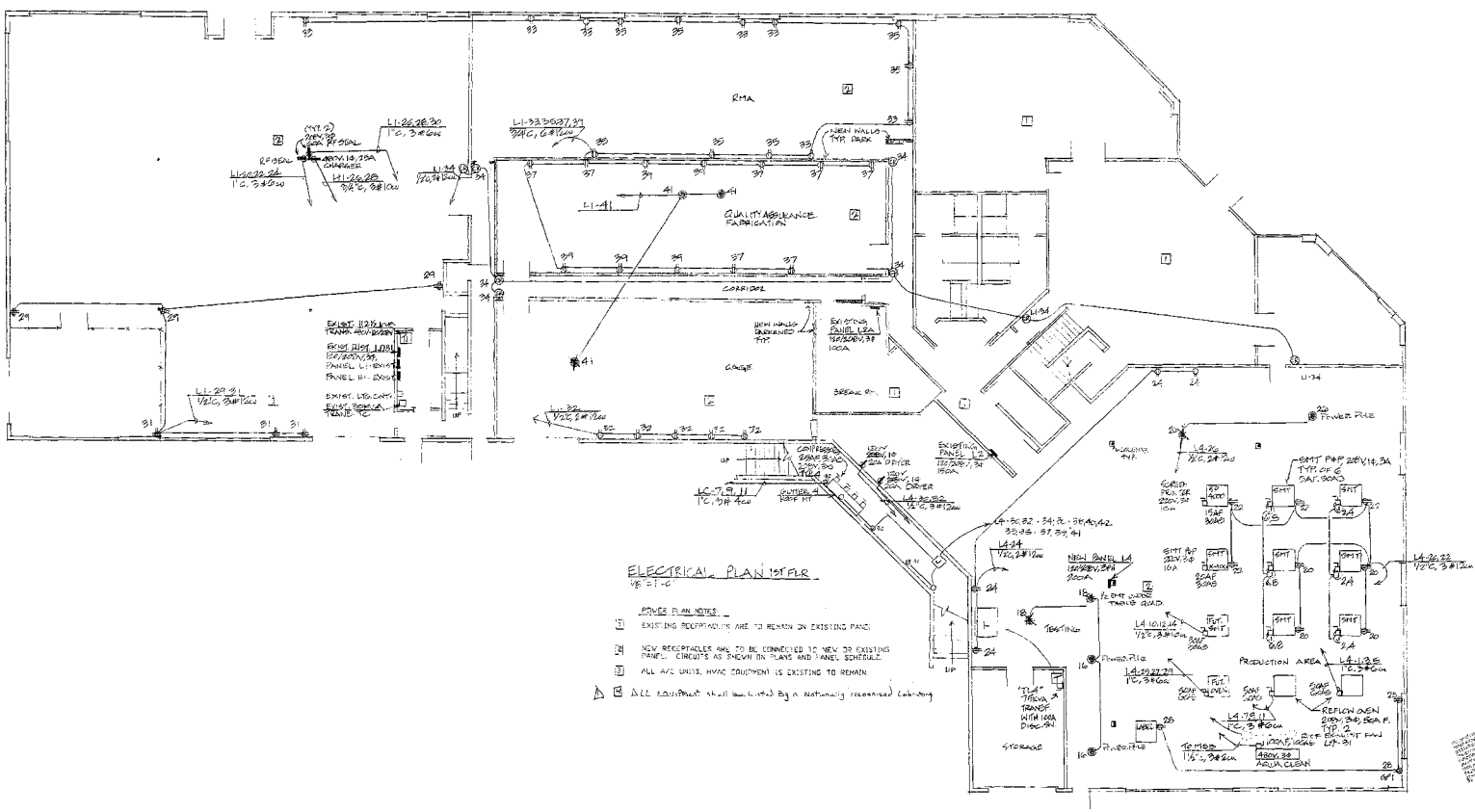
sheet title
ELECTRICAL SCHEDULES & FORMS

drawn by

project no.

sheet no. of

AS BUILT
ELECTRICAL
15 ~~ENTERPRISE~~
ARGONAUT
#58113



REVISIONS	BY

CTI
25801 ORCHID DR. STE. 5
MISSION VIEJO, CA 92691
(949) 363 9300

SENTRIN
ELECTRONICS
15 ARGONAUT SK
ALISO VIEJO, CA

DRAWN	L.S.
CHECKED	
DATE	7-10-02
SCALE	1/8"=1'-0"
JOB NO.	
SHEET	E-2

City of Aliso Viejo

Building and Safety Division
12 Journey
Aliso Viejo, CA 92656
(949) 425-2500
fax (949) 425-3899

APPLICATION FOR BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY

Inspection request line 949-425-2545

Building Address
St No. 15 Street ARGONAUT
APN Lot Tract Block

Applicant Levey Roofing Services Inc
St No. 1220 Street S. Wright St
City Santa Ana Zip 92705 Phone 7149736233

Engr/ Arch Lic No.

Owners name CENTCENTON ON 855-9111
15 ARGONAUT
Aliso Viejo 92656

Contractor
Levey Roofing Services Inc Lic No.
1220 S. Wright St 811111
Santa Ana 92705 7149736233

Licensed Contractor's Declaration

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000 of Division 3 of the Business and Professions Code) and my license is in full force and effect.

License Class _____ License Number 811111
Date 5/14/2004 Contractor LEVEY ROOFING SERVICES INC
Address 1220 S. WRIGHT ST
City and Zip SANTA ANA 92705 Phone 7149736233

Construction Lending Agency

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 1097, Civ..C)

Lender's Name _____
Lender's Address _____

Owner-Builder Declaration

I hereby affirm that I am exempt from the Contractor's License Law for the following reason [Sec.7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the contractor's License Law(Chapter 9, commencing with Section 7000, of Division 3 of the Business and professions Code) or that he is exempt therefrom, and the basis for the alleged exemption. Any violation of section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's Licensed Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project(Sec.7044, Business and Professions Code:The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with contractor(s) licensed pursuant to the contractors License Law).

☐ I am exempt under Sec._____, B&PC for this reason

Date_____ Initial_____

Workers' Compensation Declaration

I hereby affirm under penalty of perjury one of the following declarations:

☐ a. I have and will maintain a certificate of consent to self-insure for workers' compensation as provided by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☑ b. I have and will maintain worker's compensation, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:
Ins. Co.: CONTINENTAL CASUALTY CO.
Policy No: WC 271041202
Exp Date: 2-28-05

☐ (This section need not be completed if the permit is for one hundred dollars ($100) or less)

c. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date_____ Signature_____

Warning: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars ($100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest, and attorney's fees.

I certify that I have read this application and state that the above information is correct, and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of the City of Aliso Viejo to enter upon the above mentioned property for inspection purposes.

Frank Downing
Signature of Applicant or Agent

FRANK Downing 5-14-04
Print Applicant's/Agent's Name Date

Permit Number	Plan Review No.:
58959	58959

The following work is authorized by this permit

☒ Struct. ☐ Plumb. ☐ Mech. ☐ Elect.

Type of Project ☐ New ☐ Alter ☐ Addition ☒ Repair
☐ Tenant Improvement ☐ Demo ☐ Occupancy Permit

Project Description	Sq.Ft.	Sq.Ft.
REROOF		

Business Lic No

Remarks/Special Conditions/Project Description

THIS PERMIT IS TO TEAR OFF EXISTING BUILT-UP ROOF AND REPLACE WITH 4PLY BUILT UP ROOF

This permit shall expire if the building or work authorized by such permit is suspended or abandoned for a period of 180

All work shall conform to the 1997 U.B.C., 1997 U.M.C., 1997 U.P.C. and the 1996 N.E.C.

Group/Division/Type	High Fire Hazard ☐ Yes ☐ No
Valuation $35,496.00	Fire Sprinklers ☐ Yes ☐ No

Structural	$483.16
Elect	
Mech	
Plumb	
Plan check	
Issuance	$17.33
Microfiche	
Water Quality	
Total City Fee Due	$500.49
Seismic Fee	
Total Amount Paid	$500.49

Issuance Approved Ty Hall

Date Issued	Permit Number
Fri, May 14, 2004	58959

Receipt # 3451

CONSTRUCTION AND PLANNING APPROVALS Permit #_____	Date	Insp.
1. Temporary Electrical Service or Pole		
2. Soil Pipe--Underground		
3. Water Pipe--Underground / Underslab		
4. Water Service		
5. Property Sewer / House Connection		
6. Electrical Conduit--Underground		
7. Gas Line Underground & Test		
8. Footings & Steel Ufer ☐		
9. Foundation--Slab on Grade		
10. Retaining Wall Footing		
11. Pre--Grout ☐ Drainage ☐		
12. Gas Pipe-Underground & Test		
13. Rough Plumbg./Top Out/Shower Pan		
14. Roof Drains & Overflows		
15. Rough Electrical--Conduit		
16. Rough Electrical Wiring		
17. Rough Heating & Air Conditioning		
18. Rough Factory Fireplace		
19. Ducts, Ventilating		
20. Fire Dampers		
21. Floor Sheathing		
22. Roof Sheathing	5/20/04	JJ
23. Roof Framing		
24. Approved to Cover Exterior		
25. Rough Frame and Flashing		
26. "T" Bar Ceiling/Elect./Mechanical		
27. Insulation		
28. Lathing ☐ Interior ☐ Exterior		
29. Drywall Nailing		
30. Electric Power Meter Final		
31. Final Electric		
32. Final Sign		
33. Hood or Canopy Final		
34. Final Factory Fireplace		
35. Final Mechanical		
36. Final Plumbing		
37. Water Service Final/Release		
38. Gas Final Including Connectors		
39. Solar Domestic--Final		
40. Re-roof Final	6/15/04	
41. Retaining Wall Final		
42. Handicap Regulations		
43. Landscape Final		
44. Zoining--Final		
45. Engineering--Final		
46. Health--Final		
47. Final Structure & Building	6/15/04	
48. Gas Release		
49. Electric Release		
***Inspector's Initials & Name	JJ	TOM ASLO

POOL AND SPA APPROVALS Permit #_____	Date	Insp.
1. Pool & Equipment Location		
2. Steel Reinforcement		
3. Electrical Bonding		
4. Rough Plumbing & Pressure Test		
5. APPROVAL TO COVER--GUNITE		
6. Electrical Conduit--Underground		
7. Gas Pipe, ☐ Underground, Test		
8. Backwash Lines, P-Trap, ☐ Und.		
9. Backwash & Receptor--Final		
10. Fencing and Access Approval		
11. APPROVED FOR PLASTERING		
12. Heater & Vent--Final		
13. Plumbing System--Final		
14. Electrical--Final		
15. Solar System--Final		
16. POOL / SPA SYSTEM FINAL		

FIRE DEPT. REQUIREMENT APPROVALS Permit #_____	Date	Insp.
1. UNDERGROUND HYDRO		
2. PRODUCT PIPING ☐ GAS ☐ OIL		
3. UNDERGROUND FLUSH		
4. UND. STRG. TANK ☐ GAS ☐ OIL		
5. OVERHEAD HYDRO		
6. DRY CHEMICAL		
7. DRY STANDPIPE		
8. FIXED SYSTEM FINAL		
9. FIRE PREVENTION FINAL		

NOTES:

I, AS THE CONTRACTOR, HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT I AM A CERTIFIED HOME IMPROVEMENT CONTRACTOR UNDER THE PROVISIONS OF SECTIONS 7150 AND 7151 OF THE STATE OF CALIFORNIA BUSINESS AND PROFESSIONS CODE.

DATE:_____ **CONTRACTOR:**_____

seal condensate pan off
from A/C units - plugging
drain unit base pan
plastic caps

AIR INDUSTRIES CORPORATION

12570 KNOTT ST. GARDEN GROVE , CA 92841

FROM: ROBERT REECE
Vice President, Director
PHONE 714-892-5571
EMAIL breece@airindustriescorp.com
FAX 714-892-7904

PAGES: 1
INCLUDES COVER

FIRM: Aliso Viejo
ATTN: Ty Hall
FAX: 949-425-3899

DATE: 5/14/2004 0:00

Ty,

Aic Investment Co. is roofing 15 argonaut for Centon Electronic tenant after city permit is issued to Lavey Roofing. Frank Downing will pick up the permit.

Thank you,
Bob Reece
Vice President

Aliso Viejo Community Association

81 Columbia, Suite 101
Aliso Viejo, CA 92656
(949) 362-5890
FAX (949) 362-5899

Memo

To: Ty Hall – City of Aliso Viejo FAX: 949-425-3899

From: Deborah Baker, Assistant General Manager

Date: 5/14/2004

Re: 15 Argonaut, Aliso Viejo, CA 92656

Mr. Hall,

Please allow this correspondence to confirm that the re-roofing project planned for 15 Argonaut does not require review by the Aliso Viejo Community Association (AVCA) Master Architectural Committee (MAC) since it is replacing the original roof with the same color and type of roofing materials.

The MAC only reviews plans for aesthetic purposes, and because this improvement will not affect the exterior appearance of the property there is no need for review or approval.

Should you have any questions or concerns regarding this matter, please do not hesitate to contact me at (949) 262-5890 ext 215.

Thank you.

Deborah

City of Aliso Viejo

Building and Safety Division
12 Journey, Suite 100
Aliso Viejo, CA 92656
P: (949) 425-2540
F: (949) 425-3899

APPLICATION FOR BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY

Inspection request line 949-425-2545

Job Information
Street Address: 15 ARGONAUT
Apt/Ste: _____ Lot: _____ APN: _____
Tract: _____ Cross St: _____

Applicant: MARK GRISAFE
Street Address: 5618 E. CONANT SST
City: LONG BEACH Zip: 90808
State: CA Phone: (562) 420-1035 Cell: _____

Owner: AICI, LLC
Street Address: 2321 ROSECRANS AVE
City: EL SEGUNDO Zip: 90245
State: CA Phone: (310) 725-0006 Cell: _____

Eng/Arch: MARK GRISAFE
Phone: (562) 420-1035 License #: C28845

LICENSED CONTRACTORS DECLARATION
I HEREBY CLAIM, UNDER PENALTY OF PERJURY, THE FOLLOWING STATEMENT: THAT I AM LICENSED UNDER PROVISIONS OF CHAPTER 9 COMMENCING WITH SECTION 7000 OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND AT THIS TIME MY CONTRACTORS LICENSE IS CURRENT, ACTIVE AND IN FULL FORCE.

Contractor: R AND C ELECTRICAL CONTRACTORS
Street Address: 21113 JUAN AVE
City: HAWAIIAN GARDENS Zip: 90716
State: CA Phone: (562) 860-3430 Cell: _____
LIC. #: 904308 Exp. Date: 10/31/2011 CLASS: B, C10

CONTRACTOR TO PROVIDE ACCESS TO ROOF & ATTIC

WORKERS' COMPENSATION DECLARATION
I HEREBY CLAIM, UNDER PENALTY OF PERJURY, ONE OF THE FOLLOWING STATEMENT:
☑ I HAVE AND WILL MAINTAIN A CERTIFICATE OF CONSENT TO SELF INSURE FOR WORKERS COMPENSATION, AS PROVIDED FOR BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED.
☐ I HAVE AND WILL MAINTAIN COMPENSATION INSURANCE AS REQUIRED BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK WHICH THIS PERMIT IS ISSUED.

Workers' Compensation Carrier	Policy #	Exp. Date
SOUTHERN INS CO	WSI0029363	9/10/2011

CERTIFICATE OF WORKERS COMPENSATION EXEMPTION
(THIS SECTION NEED NOT BE COMPLETED IF WORK IS $500 OR LESS)
☐ I CERTIFY UNDER PENALTY OF PERJURY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, THAT I SHALL NOT EMPLOY ANY PERSON IN A MANNER SO AS TO BECOME SUBJECT TO THE WORKERS COMPENSATION LAWS OF CALIFORNIA, AND AGREE THAT IF I SHOULD BECOME SUBJECT TO THE WORKERS COMPENSATION PROVISIONS OF SECTION 3700 OF THE LABOR CODE THAT I SHALL FORWITH COMPLY WITH THOSE PROVISIONS.
Warning: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars ($100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest, and attorney's fees.

OWNER BUILDER DECLARATION
I AM EXEMPT FROM THE CONTRACTORS LICENSE LAW FOR THE FOLLOWING REASON:
☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYEES WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED FOR, OR OFFERED FOR SALE (SECTION 7044, OF THE BUSINESS AND PROFESSIONS CODE)
☐ I, AS OWNER OF THE PROPERTY AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO COMPLETE THE PERMITTED PROJECT UNDER THE PROVISIONS OF SECTION 7044, OF THE BUSINESS & PROFESSIONS CODE.

I certify that I have read this application and state that the above information is correct, and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of the City of Aliso Viejo to enter upon the above mentioned property for inspection purposes.

Signature of Applicant or Agent

Brian Bohler 8-9-11
Print Applicant's/Agent's Name Date

Permit Number	Plan Review No.:
68254	68254

The following work is authorized by this permit
☒ Structural ☒ Plumbing ☒ Electrical ☒ Mechanical

Type of Project
☐ New ☐ Addition ☐ Occupancy Permit
☐ Alteration ☐ Demolition
☐ Repair ☒ Tenant Improvement

	Sq.Ft.	Sq.Ft.
TI	37406	
MEP INCLUDED		

Zoning Approved By: J. LOWE

Remarks/Special Conditions/Project Description
PERMIT TENANT IMPROVEMENT (PHASE 1) TO EXISTING RESEARCH AND DEVELOPMENT BLDG. WORK STARTED WITH OUT PERMITS.

TENANT: AMBRY GENETICS

C&D APPROVED - COLLECTED $1500 DEPOSIT

4/6/12

This permit shall expire if the building or work authorized by such permit is suspended or abandoned for a period of 180 days.

All work shall conform to the 2010 C.B.C., 2010 C.M.C., 2010 C.P.C. and the 2010 C.E.C.

Group/Division/Type	High Fire Hazard
B/S, IIIB	☐ Yes ☐ No
Valuation	**Fire Sprinklers**
$250,000.00	☒ Yes ☐ No

Structural	$3,743.86
Electrical	$180.93
Mechanical	$47.36
Plumbing	$22.53
Plan check	
Issuance	$69.32
Microfilm	$40.00
Water Quality	
Total City Fee Due	$4,064.00
Seismic Fee	$52.50
SB 1473	$10.00
Total Amount Paid	$4,166.50

Issuance Approved Joanna Stevens

Date Issued	Receipt Number
Tue, Aug 9, 2011	12971

Permit Number: 68254

CONSTRUCTION AND PLANNING APPROVALS Permit #_____	Date	Insp.
1. Temporary Electrical Service or Pole		
2. Soil Pipe--Underground	9/12/11	JCS
3. Water Pipe--Underground / Underslab		
4. Water Service		
5. Property Sewer / House Connection		
6. Electrical Conduit--Underground	9/21/11	JCS
7. Gas Line Underground & Test		
8. Footings & Steel Ufer ☐		
9. Foundation--Slab on Grade	9/26/11	JCS
10. Retaining Wall Footing		
11. Pre--Grout ☐ Drainage ☐		
12. Gas Pipe-Underground & Test		
13. Rough Plumbg./Top Out/Shower Pan	11/3/11	Ted
14. Roof Drains & Overflows		
15. Rough Electrical--Conduit NMWS 9/29/11 TED	11/3/11	
16. Rough Electrical Wiring		Ted
17. Rough Heating & Air Conditioning	11/3/11	Ted
18. Rough Factory Fireplace OK TO		
19. Ducts, Ventilating wrap duct 10/3/11 JCS		
20. Fire Dampers		
21. Floor Sheathing		
22. Roof Sheathing		
23. Roof Framing		
24. Approved to Cover Exterior		
25. Rough Frame and Flashing NMWS	9/29/11	TED
26. "T" Bar Ceiling/Elect./Mechanical	11/3/11	TED
27. Insulation		
28. Lathing ☐ Interior ☐ Exterior		
29. Drywall Nailing	10/28/11	TED
30. Electric Power Meter Final		
31. Final Electric		
32. Final Sign		
33. Hood or Canopy Final		
34. Final Factory Fireplace		
35. Final Mechanical		
36. Final Plumbing		
37. Water Service Final/Release		
38. Gas Final Including Connectors		
39. Solar Domestic--Final		
40. Re-roof Final		
41. Retaining Wall Final		
42. Handicap Regulations		
43. Landscape Final		
44. Zoining--Final		
45. Engineering--Final		
46. Health--Final		
47. Final Structure & Building	4/6/12	RS
48. Gas Release		
49. Electric Release		
***Inspector's Initials & Name		

POOL AND SPA APPROVALS Permit #_____	Date	Insp.
1. Pool & Equipment Location		
2. Steel Reinforcement		
3. Electrical Bonding		
4. Rough Plumbing & Pressure Test		
5. APPROVAL TO COVER--GUNITE		
6. Electrical Conduit--Underground		
7. Gas Pipe, ☐ Underground, Test		
8. Backwash Lines, P-Trap, ☐ Und.		
9. Backwash & Receptor--Final		
10. Fencing and Access Approval		
11. APPROVED FOR PLASTERING		
12. Heater & Vent--Final		
13. Plumbing System--Final		
14. Electrical--Final		
15. Solar System--Final		
16. POOL / SPA SYSTEM FINAL		

FIRE DEPT. REQUIREMENT APPROVALS Permit #_____	Date	Insp.
1. UNDERGROUND HYDRO		
2. PRODUCT PIPING ☐ GAS ☐ OIL		
3. UNDERGROUND FLUSH		
4. UND. STRG. TANK ☐ GAS ☐ OIL		
5. OVERHEAD HYDRO		
6. DRY CHEMICAL		
7. DRY STANDPIPE		
8. FIXED SYSTEM FINAL		
9. FIRE PREVENTION FINAL		

NOTES:

I, AS THE CONTRACTOR, HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT I AM A CERTIFIED HOME IMPROVEMENT CONTRACTOR UNDER THE PROVISIONS OF SECTIONS 7150 AND 7151 OF THE STATE OF CALIFORNIA BUSINESS AND PROFESSIONS CODE.

DATE:_____ **CONTRACTOR:**_____

CERTIFICATE OF USE AND OCCUPANCY
CITY OF ALISO VIEJO

12 Journey Suite 100 • Aliso Viejo, California 92656 • (949) 425-2540, www.cityofalisoviejo.com

This Certificate issued pursuant to the requirements of Chapter 1, Section 111 of the 2010 California Building Code certifying that at the time of issuance this structure and use is in compliance with all the applicable ordinances of the City of Aliso Viejo including conditions of approval of the use regulating building construction or use for the following:

Business Name: Ambry Genetics

Business Address (Location): 15 Argonaut

Owner/Occupant: Ambry Genetics **Phone: (949) 900-5518**

Owner/Occupant Address: 15 Argonaut, Aliso Viejo, CA 92656

Occupancy Group: B, S Occupancy Load: 374 **Type of Const: IIIB** **Permit No: 68254**

Occupancy / Use Description: Research & Development Co

Date Issued: 4/6/12 **Sprinklers** Yes

Pursuant to Appendix Chapter 1, Section 110.4 this Certificate may be revoked by the Building Official wherever the certificate is issued in error or in basis of incorrect information supplied or if it is in violation of any ordinance or regulation or any of the provisions of the code.

By: _____ **Date Approved:** 4/18/12
Albert Armijo, Director of Planning Services

By: _____ **Date Approved:** 4/18/12
Ted Halsey, Building Official

Limitations: _____

This Certificate shall be posted in a conspicuous place on the premises and shall not be removed except by the Building Official.

CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN (CPTED)

Project Number: _____

Plan Check No.: 68254

Submittal Date: 6/30/2011

Receipt No.: 12851

Inspection Required: YES

PC Hours: _____

CONDUCTED BY

MARGO BEAUCHAMP
CRIME PREVENTION SPECIALIST
(949) 425-2563 *phone* (949) 425-3899 *facsimile*
mbeauchamp@cityofalisoviejo.com

	Status	Date
1st Review	Approved/Corrections	7/14/2011
2nd Review	Approved/Corrections	7/25/2011
3rd Review	Approved/Corrections	

SHOW NIGHT/EMERGENCY LIGHTING ON SHEET E-4 & E-6

GENERAL INFORMATION

Project Name: AMBRY GENETICS

Proposal: New Addition Tenant Improvement _____

Address: 15 ARGONAUT

Contact: MARK GRISAFE Phone: (562) 420-1035 Fax/Email: _____

TYPE OF STRUCTURE

☐ Commercial Building ☐ Parking Structure ☐ Residential Building(s)

☐ Open Space/Recreation ☐ Other _____

SITE INFORMATION

☐ Lot Size _____

☐ Dimensions _____ (width) _____ (depth)

☐ Lot Coverage _____%

☐ Landscape Coverage _____%

☐ Tenant Space Size _____ ☐ Building Height _____

mg RISAFE ARCHITECT

TRANSMITTAL

TO:	**CITY OF ALISO VIEJO** 12 Journey, Suite 100 Phone: 949-425-2526 Attn: Jennifer Lowe, Assoc. Planner
FROM:	Mark Grisafe
DATE:	July 26, 2011
REGARDING:	**15 Argonaut – CUP Description Letter**
VIA:	E-Mail
COPY:	File

Dear Jennifer

Ambry Genetics is a testing lab with offices, currently residing in the City of Aliso Viejo. As their operations have expanded, they require additional space. They have agreed to relocate to 15 Argonaut – also in the City of Aliso Viejo.

This new, larger facility, previously occupied by a memory chip company, had a similar business model which allows Ambry a cost effective and relatively seamless expansion. It can also better accommodate their current and anticipated needs and it allows Ambry the chance to remain in the City of Aliso Viejo.

Reviewing City guidelines, we understand that Ambry is considered generally a dry lab with a minimal wet lab component.

Below is a description of the lab spaces of this project:

105 – R&D 2,954 s.f. (dry lab) – Use of small tubes and plates with micro-liter sized reactions. Various sequencing reactions and sample preps for next generation sequencing.

107A,B,C – Test & Test Storage 1,092 s.f. & 491 s.f. (Future R&D dry lab)– for future expansion, no work going on in any of the 3 areas.

112 – Sequence (dry lab) - 1,053 s.f.- Samples are loaded onto various sequencing platforms using either sequencing plates or flow-cells (microscope slide sized chips). Very little to no bench work required. This room will house the sequencing equipment that will run either overnight or over several days.

113 – PCR (dry lab) - 434 s.f. This room will house all of our PCR machines. Samples will be placed in these machines in either plates or tubes and be left to cycle through various temperatures for a number of cycles. Again this is very little to no bench work required.

114A – Dcode (dry lab) - 451 s.f. Being left empty at the moment for future growth.

5618 E. CONANT STREET LONG BEACH, CA 90808 562.420.1035

114B - QA (wet lab) - 449 s.f. This room is what I would consider "wet" because this is where we do all of our electrophoresis which uses buffered TAE solution mixed in with de-ionized water. Techs will load acrylamide gels with patient sample and let run for several hours as they gradually heat up and while constant voltage is being applied.

114C – Solutions (wet lab) - 329 s.f. - This is also what I would consider "wet" because this is where we use all of our chemicals in larger sized reactions. Usually in liters or in tens of liters. This is our reagent prep area.

The minimal amount of wet lab and the kinds and quantities of chemicals at this facility pose a minimal threat to public safety, yet Ambry is regulated by the following agencies:
The Federal agencies are CLIA = Clinical Laboratory Improvement Amendments and CAP = College of American Pathologists.

Federal	License #
CLIA	05D0981414
CAP	LAP# 7154701

In addition, they are liscened in the following States:

State	License #
California	CLF11694
Florida	800016789
Rhode Island	LCDO00439
Pennsylvania	027832
Maryland	1052
New York	PFI: 8160

Ambry Genetics also maintains a standard office emergency preparedness protocol.

Thank You,

Mark A. Grisafe, AIA

Moulton Niguel Water
WATER QUALITY AND SERVICE ARE #1

July 13, 2011

Phase 1

City of Aliso Viejo
12 Journey, Suite 100
Aliso Viejo, CA 92656

Attention: Joanna Stevens

Regarding: Ambry Genetics
15 Argonaut

Dear Ms. Stevens:

This letter serves as notice that the Moulton Niguel Water District (MNWD) will serve water and sanitary sewer to the above subject development. This project is completely within MNWD boundaries. MNWD staff has determined that there is no need for grease intercepting facilities. This indication of MNWD's ability to serve the above-referenced project is conditioned upon the payment of all applicable fees.

The availability of water services is subject to the suppliers of water to MNWD continuing to honor their contractual obligation relative to the amount of water to be supplied. MNWD can make no representations as to the future intention of said suppliers in this regard.

Sincerely,

MOULTON NIGUEL WATER DISTRICT

Mark H. Mountford, P.E.
Associate Engineer

MHM:jc

cc: Paul Schmidtbauer, SOCWA

\\atlas\home\jcaperton\My Documents\Data\WORD\WILLSERV\willserveAmbryGenetics 7-2011.doc

a public agency at:
27500 La Paz Road, Laguna Niguel, CA 92677-3489
Mailing Address: P.O. Box 30203, Laguna Niguel, CA 92607-0203
949/425-3532 FAX 949/643-2489

CITY OF ALISO VIEJO
CERTIFICATE OF OCCUPANCY APPLICATION

BUSINESS NAME: AMBRY GENETICS

BUSINESS ADDRESS: 15 ARGONAUT ALISO VIEJO, CA 92656

TYPE OF BUSINESS: BIOMEDICAL

DETAILED DESCRIPTION OF BUSINESS:
R & D AT EXISTING BUILDING

BUSINESS DAYS/HOURS:

EXISTING SQUARE FOOTAGE: 37,406 S.F.

CHECK APPLICABLE BOXES:

- ☐ CHANGE OF OWNER
- ☐ CHANGE OF BUSINESS NAME
- ☐ TENANT IMPROVEMENTS PERFORMED
- ☐ NO TENANT IMPROVEMENTS PERFORMED
- ☑ NEW TENANT

SQUARE FOOTAGE BY USE: (EX. OFFICE% / WAREHOUSE%, RETAIL%, STORAGE%)
82% R&D - 30,966 S.F. / WAREHOUSE - 6,440 S.F. 18%

NUMBER OF PARKING SPACES PROVIDED: 85

NUMBER OF EMPLOYEES: **NUMBER OF RESTROOMS:** 3

OCCUPANCY GROUP: B **OCCUPANCY LOAD:** **TYPE OF CONSTRUCTION:** III-B

DOES THIS BUILDING HAVE FIRE SPRINKLERS INSTALLED? (YES) / NO

IF YOU ANSWER "YES" TO ANY QUESTIONS BELOW, PLEASE EXPLAIN IN DETAIL	YES	NO
WILL ANY TOXIC, HAZARDOUS, FLAMMABLE LIQUIDS, CHEMICALS OR ANY SOILD MATERIALS BE STORED AT THIS LOCATION?		✓
WILL ANY MATERIALS OR CHEMICALS BE MANUFACTURED OR FABRICATED AT THIS LOCATION?		✓

EXPLAIN:

OWNER OF BUSINESS	OWNER OF BUILDING OR MANAGEMENT COMPANY
NAME: AMBRY GENETICS	NAME: AICI LLC
ADDRESS: 15 ARGONAUT	ADDRESS: 2321 ROSECRANS AVE, STE 230 EL SEGUNDO, CA 90245
PHONE: 949-900-5518	PHONE: 310-725-0006
FAX: 949-900-5501	FAX: 310-725-0033

OWNER OF BUILDING OR MANAGEMENT COMPANY:

NAME (PRINT): ANNE WAGNER **TITLE:** CONTROLLER

SIGNATURE: Anne Wagner **DATE:** 6/30/11

I CERTIFY THAT THE ABOVE INFORMATION IS TRUE TO THE BEST OF MY KNOWLEDGE:

BUSINESS OWNER'S NAME (PRINT) Dunlap, James **TITLE:** OPS MANAGER

BUSINESS ONWER'S SIGNATURE: **DATE:** 6/30/11

PLANNING	APPROVED BY:	DATE:

South Orange County Environmental Protection Permit Screening Form

Applicant Name: MARK GRISAFE	Business Name: AMBRY GENETICS
Mailing Address: 5848 E. CONANT ST.	Facility Address: 100 COLUMBIA
City: LONG BEACH State: CA Zip: 90808	City: ALISO VIEJO State: Zip:
Contact Name: MARK Title:	Phone: Business Type:
Brief Project Description: OFFICE TI	Building Occupancy Class:
Business Status: ☐ New ☐ Existing ☐ Change of Ownership ☑ Relocation	Project Status: ☐ New ☑ Interior Alteration (TI) ☐ Minor Alteration

Please review each category and Mark ☒ next to all that apply to your project. If none apply, Mark ☒ next to No. 97 and sign the declaration below.

Facility Types: Is your facility in a category below?

- ☐ **Will facility occupant use, handle or store hazardous materials in a quantity that is ≥ 55 gallons of liquid, 500 lbs. of solids, or 200 cu. ft. of compressed gas, at any time?** (1)
- ☐ **Within 1,000 ft. of (K-12) school or acute/long term health care facility** (2)
- ☐ **Assembly (50 or more for drinking, dining or education)** (3)
- ☐ **Dry Cleaner** (4)
- ☐ **Metal Finisher** (5)
- ☐ **Plating Shop** (6)
- ☐ **Photo Processor** (7)
- ☐ **Print Shop** (8)
- ☐ **Wood Stripping/Refinishing** (9)
- ☐ **Circuit Board Manufacturer** (10)
- ☐ **Medical/Health Care/Dental Office** (11)
- ☑ **Biomedical Operation** (12)
- ☐ **Restaurant** (13)
- ☐ **Food Preparation Facility** (14)
- ☐ **Motel or Hotel** (15)
- ☐ **Gasoline Station** (16)
- ☐ **Automotive Body/Repair Shop** (17)
- ☐ **Auto Wrecking Yard** (18)
- ☐ **Battery Storage, Use, Charging** (19)
- ☐ **Tire/Rubber Storage (2,500 sq. ft.)** (20)

Equipment: Will any of the following items be utilized at your facility?

- ☐ **Fuel storage/dispensing equipment** (21)
- ☐ **Above/below ground storage tanks** (22)
- ☐ **Underground storage tank for hazardous materials** (23)
- ☐ **Above ground storage tank for petroleum products** (24)
- ☐ **Public swimming pool** (25)
- ☐ **Refrigeration equipment** (26)
- ☐ **Ovens, industrial baking/drying** (27)
- ☐ Charbroiler (28)
- ☐ **Spray booth** (29)
- ☐ **Printing press (screen/lithographic/ flexographic)** (30)
- ☐ Abrasive blasting cabinet/room (31)
- ☐ **Grinder over 2 horsepower** (32)
- ☐ **Dust collector, scrubber, or other air pollution control equipment** (33)
- ☐ Elevators (34)
- ☐ Tower Cranes, Scaffolding (35)
- ☐ Boiler/Combustion (36)
- ☐ **Steam boilers** (volume > 15 PSI) (37)
- ☐ Internal combustion engine (> 50 HP, excluding motor vehicles) (38)
- ☐ Pressure vessels (volume > 1.5 cu. ft. 150 PSI of air) (39)
- ☐ **Retail stationary propane tanks** (40)
- ☐ **Chemical coagulation/precipitation** (41)
- ☐ **Cyanide destruction or chromium reduction** (42)
- ☐ **Air flotation** (43)

Will this facility use any of the following pretreatment systems for wastewater?

- ☐ **Acid or base neutralization** (44)
- ☐ **Interceptor, clarifier, sump, trap** (45)
- ☐ **Screen, filter, or grit removal** (46)
- ☐ **Solvent separation** (47)
- ☐ **Centrifuge or cyclone** (48)
- ☐ **Grease or oil removal** (49)
- ☐ **Spill protection** (50)

Processes: Will you conduct any of the following processes on site?

- ☐ **Treating hazardous waste on-site** (51)
- ☐ **High piled combustible storage (>12' or 6' for palettes)** (52)
- ☐ Asbestos removal (53)
- ☐ **Producing dust (wood work, milling, grinding), fumes, smoke, odors** (54)
- ☐ **Etching/casting/melting metals** (55)
- ☐ **Molding, extruding, curing plastics** (56)
- ☐ **Mixing and blending or refining of liquids and/or powders** (57)
- ☐ **Storage of acids, solvents, organic liquids or fuels** (58)
- ☐ **Application of paints/adhesives** (59)
- ☐ **Spraying/dipping** (60)
- ☐ **Welding and cutting** (61)
- ☐ Trenching and shoring (62)
- ☐ Land disturbance/construction (63)

Materials: Will you use, store or handle hazardous materials?

- ☐ **Hazardous materials** (See Definitions) (64)
- ☐ **Extremely hazardous substances** (List Available) (65)
- ☐ **Explosives, highly toxic material** (See Definitions) (66)
- ☐ **Combustible fiber (>100 cu. ft.)** (67)
- ☐ **Combustible material (> 2 cu. ft.)** (68)
- ☐ **Matches (storage >14,400 matches)** (69)
- ☐ **Liquefied petroleum gas** (70)
- ☐ **Medical gas installations** (71)
- ☐ **Aerosol products** (72)
- ☐ **Commercial grade pesticides, fertilizers or radioactive isotopes** (73)
- ☐ **Carcinogens** (List Available) (74)

Waste/Discharge: Will your facility potentially discharge the following?

- ☐ **Generation of hazardous waste** (75)
- ☐ **Toxic organic compounds, currently on EPA, SCAQMD, or RCRA list** (76)
- ☐ **Toxic/poisonous gases or wastes** (77)
- ☐ **Flammable waste** (78)
- ☐ **Radioactive materials** (79)
- ☐ **Acid materials (pH < 6.0)** (80)
- ☐ **Basic materials (pH > 11.0)** (81)
- ☐ **Materials that could obstruct sewer** (82)
- ☐ **Wastes > 3/8 inches in diameter** (83)
- ☐ **Any Petroleum based oils** (84)
- ☐ **Cyanide wastes** (85)
- ☐ **Total dissolved solids >1000 MG/L** (86)
- ☐ **Dissolved sulfides over 0.1 MG/L** (87)
- ☐ **Discharge with temperature >140° F** (88)
- ☐ **Highly colored wastes** (89)
- ☐ **Highly odorous wastes** (90)
- ☐ **Phenolic wastes** (91)
- ☐ **Arsenic, boron, cadmium, chromium, copper, lead, mercury** (92)
- ☐ **Rainwater to sewer (Not allowed)** (93)
- ☐ Industrial storm water run-off (94)
- ☐ Discharge into surface waters (95)
- ☐ Impacts to groundwater/changes in absorption rates (96)

☐ None of the Above Apply (97)

I understand that this form is provided to assist permit applicants to determine regulatory requirements and achieve compliance and that **bold** categories may require a permit prior to construction and operation. I certify that to the best of my knowledge the information I provided on this form is accurate.

Signature: _____ Print Name: MARK GRISAFE Date: 6/30/11

For Office Use Only	Approvals Required: ☐A ☐C ☐F ☐H ☐O ☐R ____ ☐S ____ ☐Other: ____	Plan Review/Permit No.	Staff:

Revised 12:00 1/23/01

FIRE

ORANGE COUNTY FIRE AUTHORITY

Plan Submittal Criteria for COMMERCIAL projects, MULTIFAMILY RESIDENTIAL projects and RESIDENTIAL TRACT developments

COM

INSTRUCTIONS: Fill in the project/business address and provide a brief description of the scope of work and type of operation that will take place. Answer questions 1 through 10, read and initial items 11 and 12, then complete and sign the certification section. If you answer "YES" to questions 1 through 10, submit the type of plan indicated in italics to the OCFA (see www.ocfa.org for submittal information and locations). In some cases, other plan types not indicated herein may also be necessary depending on specific conditions or business operations. If you need help completing this form or have questions regarding requirements for review, please contact the OCFA at 714-573-6108 or visit us at 1 Fire Authority Road in Irvine for assistance.

Address (street number/name, suite, city): 15 ARGONAUT, ALISO VIEJO

Project Scope/Business Description: OFFICE T.I.

YES	NO	**Are the following applicable to the proposed project or business?**
☐	☑	1. Construction of a new building, a new story, or increase the footprint of an existing building? Changes to roadways, curbs, or parking lots? Addition, relocation, or modification of fire hydrants or fences/gates? Construction within 300 feet of an active or proposed oil well? *Fire Master Plan*
☐	☑	2. Property is adjacent to a wildland area or non-irrigated native vegetation? *Fire Master Plan; a Fuel Modification Plan may also be required.*
☐	☑	3. Located in or <100' from a Division of Oil, Gas, and Geothermal Resources (DOGGR) field boundary, <300' from an oil/gas seep, or <1000' from a landfill? *Methane Work Plan.*
☐	☑	4. Installation/modification/repair of underground piping, backflow preventers, or fire department connections serving private fire hydrant/sprinkler/standpipe systems? *Underground Plan.*
☐	☑	5. Drinking/dining/recreation/religious functions or other gatherings in a room >750 sq.ft. or >49 people? Healthcare/outpatient services for >5 people who may be incapable of immediate evacuation without assistance? Daycare/education for children? Adult daycare? 24-hour care/supervision? Incarceration or restraint? Hotel/apartment/residential facility with 3+ units? Congregate housing/dormitories with 17+ people? A high-rise structure (55 feet)? *Architectural Plan*
☐	☑	6. Installation or modification of electromechanical locks delaying/preventing egress from a room or building? *Architectural, Sprinkler, and Alarm Plan.*
☐	☑	7. Installation/modification/use of spray booths; dust collection; dry cleaning; industrial ovens/drying equipment; industrial/commercial refrigeration systems; compressed gasses; tanks for cryogenic or flammable/combustible liquids; vapor recovery; smoke control; battery back-up or charging systems; welding/brazing/soldering, open flame torches, cutting/grinding or other similar operations? *Special Equipment Plan*
☐	☑	8. Storage, equipment, processes, or research involving flammable/combustible liquids or other chemicals? Motor vehicle or aircraft maintenance/repair facility? Cabinetry, woodworking, or finishing facility? *Architectural Plan and Chemical Classification; Special Equipment Plans may also be necessary.*
☐	☑	9. Storage or merchandizing areas in excess of 500 sq. ft. where items are located higher than 12' (6' for high-hazard commodities, plastic, rubber, foam, etc.)? *High-piled Storage Plan*
☐	☑	10. Cooking under a Type I commercial hood; installation or modification of a fire extinguishing system located in a commercial cooking hood? *Hood & Duct Extinguishing System, not just the hood mechanical plan.*

Initial each of the following two items indicating that you have read and understand the statement:

11. *Sprinkler/Alarm Requirements: Consult California Building and Fire Codes and local ordinances to determine sprinkler or alarm system requirements; if a system is required, plans shall be submitted to the OCFA. Existing buildings undergoing remodel must be evaluated by a licensed contractor to determine if modification is needed; if so, the licensed contractor shall submit plans for approval prior to any changes taking place. (Initial here: ____)

12. Fire Hazard Severity Zone: Consult the maps available at the building department or on the OCFA website to determine if your site is located in a FHSZ. Buildings in a FHSZ may be subject to special construction requirements detailed in CBC Chapter 7A—the building department will determine specific requirements. (Initial here: ____)

I certify under penalty of perjury under the laws of the State of California that the above is true:

Print name: MARK ORISAFE Signature: ____

Phone Number: 562-420-1035 Date: 6/30/11

Building Department: *If all of the questions have been answered "NO" and the project does not otherwise require OCFA review of sprinkler or alarm plans*, then you may accept this signed form as a written release that OCFA review is not required. Should you still require that the applicant have plans approved by the OCFA please initial here _____ or attach an OCFA referral form and have the applicant submit the form along with the appropriate plans and fees for OCFA review.*

1-6-2011 ee

CITY OF ALISO VIEJO

DISABLED ACCESS COMPLIANCE

THE ENTIRE TENANT SPACE, THE PRIMARY ENTRANCE TO THE BUILDING, THE PRIMARY PATH OF TRAVEL FROM THE ACCESSIBLE PARKING SPACE(S) TO THE TENANT SPACE, AND THE SANITARY FACILITIES (FOR BOTH SEXES), DRINKING FOUNTAINS AND PUBLIC TELEPHONES SERVING THE TENANT SPACE MUST BE ACCESSIBLE TO PEOPLE WITH DISABILITIES IN COMPLIANCE WITH STATE OF CALIFORNIA TITLE 24.

I HAVE READ, UNDERSTAND, AND ACCEPT RESPONISBILITY FOR COMPLIANCE WITH THE REQUIREMENTS SET FORTH IN THE STATEMENT ABOVE.

15 ARGONAUT,

Project Address

Sign & Date: 6/30/11

Applicant: MARK A. GRISAFE

Address: 5618 E. CONANT ST.
LONG BEACH CA. 90808

Phone: 562-420-1035

City of Aliso Viejo

SCAQMD RULE 1403 VERIFICATION FORM

INSTRUCTIONS: Complete section 1, **read** section 2, and **complete** and **sign** section 3.

SECTION 1

Job Address: 15 ARGONAUT

Use of building to be demolished: OFFICE & R&D

Building Size (ft): _____ x _____ No. of Stories: 2

Property Owner: AIC1, LLC

Address: 2321 ROSECRANS AVE, STE 2230 EL SEGUNDO CA. 90245

Phone No.: 310-725-0006

Applicant's/Contractor Name: MARK GRISAFE

Company Name: M GRISAFE ARCHITECT

Address: 5610 E. CONANT ST. LONG BEACH CA 90808

Phone No.: 562 420 1035 State Lic No.: C 28845

SECTION 2

Under California Health and Safety Code regulations, applicants must file with the South Coast Air Quality Management Control District (SCAQMD) an Asbestos Demolition/Renovation Notification for every demolition EVEN WHERE NO ASBESTOS IS PRESENT and for each renovation operation where the amount of friable asbestos-containing material is greater than or equal to100 square or linear feet. NOTIFICATION MUST BE FILED 10 WORKING DAYS PRIOR TO COMMENCEMENT OF ANY WORK.

APPLICANTS ARE RESPONSIBLE for fully satisfying the provisions of these requirements and for obtaining the necessary approvals. For additional information contact:

South Coast Air Quality Management District
21865 E. Copley Dr.
Diamond Bar, CA 91765-4182
(909) 396-2336

SECTION 3

I certify I have read the above excerpt and the information I have provided on this form is true and correct, and I further certify the following: Please initial.

_____ I certify that the amount of friable asbestos-containing material involved with this proposed renovation operation does not equal or exceed 100 square or linear feet.

__✓__ I declare that the written asbestos notification is not applicable

_____ Attached are the copies of all written asbestos notifications and SCAQMD approvals regarding the above reference project.

Applicant's Signature: _____ Date: 8/30/11

Print Name: MARK A. GRISAFE

Attachment C

City Tracking # _____

South Coast
Air Quality Management District
21865 E. Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-3529 • http://www.aqmd.gov

Air Quality Permit Checklist

California State Law Code 65850.2 prohibits cities from issuing an occupancy permit to a business without clearance from the local air quality agency. This checklist will determine if you need to obtain clearance from the South Coast Air Quality Management District (AQMD).

Company Name: AMBRT GENETICS

Property Address: 15 ARGONAUT

City: ALISO VIEJO Zip Code: 92656

Contact Person: JAMES DUNLOP Title: OPERATIONS MNGR

Type of Business: BIO MEDICAL Telephone: (949) 900-5510

Applicant (print name) MARK GRISAFE Signature: _____

- Will the facility have any of the following equipment? Yes [ ] No [✓]
  - Charbroiler
  - Dry cleaning machine
  - Spray booth
  - Printing press (screen/lithographic/flexographic)
  - Internal combustion engine (greater than 50 HP (excluding motor vehicles)
  - Boiler/combustion equipment (greater than 2 million BTU/hr. maximum input)
  - Abrasive blasting cabinet/room
  - Baghouse/cartridge-type dust filter/scrubber
  - Motor fuel storage and dispensing equipment

- Will any of the following operations be performed? Yes [ ] No [✓]
  - Application of paints or adhesives
  - Etching, plating, casting, or melting of metals
  - Molding, extruding, or curing of plastics
  - Mixing and blending of liquids and/or powders
  - Storage of acids, solvents, organic liquids, or fuels
  - Production of fumes, dust, smoke, or strong odors

If you answered "No" to both questions, *this checklist is your clearance from AQMD.* If you answered "Yes" to either question, you must contact AQMD to determine if air quality permits are required. If permits are needed, AQMD will assist you in submitting permit application(s) and then provide you with a clearance letter. You can call AQMD at their Small Business Assistance Office at **(800) 388-2121**.

Revised March 1999

City of Aliso Viejo
Building and Safety Department
12 Journey
Aliso Viejo, CA 92656

PLAN CHECK

Submittal Date: June 30, 2011

Plan Check # 68254

Applicant MARK GRISAFE

Plan Check Fee: $1,216.75

Address 5618 E. CONANT SST

Contact:

Zip 90808 City LONG BEACH

Lot Apn Tract

Job Address: 15

Job Street: ARGONAUT

Telephone: (562) 420-1035

Project Description

PLAN REVIEW TENANT IMPROVEMENT TO EXISTING RESEARCH AND DEVELOPMENT BLDG.

TENANT: AMBRY GENETICS

VALUATION: $250,000.00

Calculated by

Receipt # 12851

DATE	2/14/11
INVOICE NO.	391973
BILL OF LADING	12568
CUSTOMER NO.	7670
CUSTOMER P.O.	L 28716 FF4

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE,AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SHIP TO
CCC STEEL, INC. C/O
ANCON TRANS BNSF R/R
VERNON, CA FOR TRK DEL
TO COMPTON, CA

SPECIFICATIONS
ASTM A992/A992M-06a A572/A572M GR50-07
ASTM A709/A709M-09 GR50 (345)
ASTM A709/A709M-09 GR50S (345S)
ASTM A6/A6M-09

SOLD TO
CCC STEEL, INC.
2576 E. VICTORIA ST.

RANCHO DOMINGUEZ, CA 90220-0000

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH PSI / MPa	TENSILE STRENGTH PSI / MPa	ELONG %	CHARPY IMPACT TEMP °F / °C	CHARPY IMPACT ENERGY FT-LBS / JOULES	C	Mn	P	S	Si	Cu	Ni	Cr	Mo / Sn	V / Pcm	Cb	CE / CI
1	W21 - 62.0	3	360641	.76	53000	70000	27			.08	.90	.018	.030	.22	.31	.10	.12	.02	.00	.017	.29
	40'			.76	54000	71000	28											.01	.16		
	W530 x 92.0				365	483	27														
	12.192 M				372	490	28														
2	W21 - 62.0	3	358289	.76	53000	70000	24			.07	.90	.008	.020	.26	.30	.12	.11	.03	.00	.015	.28
	50'			.77	53000	69000	26											.01	.15		
	W530 x 92.0				365	483	24														
	15.240 M				365	476	26														
3	W21 - 62.0	1	356007	.77	55000	71000	26			.08	.90	.022	.032	.23	.31	.13	.14	.04	.00	.016	.30
	60'			.79	57000	72000	27											.01	.16		
	W530 x 92.0				379	490	26														
	18.288 M				393	496	27														
4	W21 - 62.0	2	360635	.77	55000	71000	25			.08	.90	.015	.030	.25	.33	.11	.11	.03	.00	.016	.29
	60'			.75	52000	69000	26											.01	.16		
	W530 x 92.0				379	490	25														
	18.288 M				359	476	26														
5	W21 - 83.0	3	309883	.77	55000	71000	26			.07	1.13	.016	.030	.28	.30	.11	.10	.03	.00	.019	.32
	45'			.76	55000	72000	25											.01	.16		
	W530 x123.0				379	490	26														
	13.716 M				379	496	25														
6	W21 - 83.0	3	360671	.72	55000	76000	27			.08	1.10	.016	.023	.30	.30	.14	.16	.04	.00	.021	.33
	50'			.72	55000	76000	27											.01	.18		
	W530 x123.0				379	524	27														
	15.240 M				379	524	27														
7	W24 - 55.0	1	360541	.78	57000	73000	24			.08	.91	.012	.027	.26	.32	.10	.08	.02	.00	.017	.28
	30'			.79	58000	73000	24											.01	.16		
	W610 x 82.0				393	503	24														
	9.144 M				400	503	24														
8	W24 - 55.0	1	360546	.82	58000	71000	26			.08	.90	.013	.024	.23	.36	.10	.09	.02	.00	.018	.28
	30'			.80	57000	71000	25											.01	.16		
	W610 x 82.0				400	490	26														
	9.144 M				393	490	25														
9	W24 - 55.0	1	360554	.81	58000	72000	26			.07	.90	.011	.024	.24	.27	.10	.09	.02	.00	.019	.26
	30'			.80	57000	71000	25											.01	.15		
	W610 x 82.0				400	496	26														
	9.144 M				393	490	25														

Pcm = C + Si/30 + Mn/20 + Cu/20 + Ni/60 + Cr/20 + Mo/15 + V/10 + 5 B (B=Approx. .0005)

CARBON EQUIVALENT: CE = CE(IIW) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15

Mercury has not been used in the direct manufacturing of this material.

Corrosion Index: CI=26.01(%Cu)+3.88(%Ni)+1.20(%Cr)+1.49(%Si)+17.28(%P)-7.29(%Cu)(%Ni)-9.10(%Ni)(%P)-33.39(%Cu)^2

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications listed in the Specifications Block above.

Gary Lennell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

14 Day of 02/11

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2013

CHARLENE WALLIS NOTARY PUBLIC MY Comm. Exp. 10-21-2013 MISSISSIPPI CO. ARKANSAS

CERTIFIED MILL TEST REPORT

Date: 03 / 13 / 2010

Steel Dynamics, Inc.®
Structural and Rail Division • Columbia City, Indiana
(260) 625-8100 (260) 625-8950 FAX
Quality Steel 100% EAF Melted and Manufactured in the USA
Recycled content: PC = 84-75%, PI = 15-10%

Ship to:
CCC Steel, Inc.
225 West Manville Street
UP Zone # 41, Track 728
Compton CA, 90220 US
Attn: Mark Ritchie

Customer # 000194

Bill to:
CCC Steel, Inc.
PO Box 5923
Compton CA, 90224 US
Attn: John Pyka

GENERAL INFORMATION

Product	Wide Flange Beam
Size	W21X44
	W 530 x 66
Heat Number	A056794
Condition(s)	As-Rolled
	Fine Grained
	Fully Killed

SPECIFICATIONS

Standards	Grades
ASTM A6/A6M	
» ASTM A992/A992M - 06a	A992 / A992M
ASTM A709/A709M - 06a	A709 g50S/g345S
ASTM A572/A572M - 06	A572 gr50/gr345
CSA G40.21-04	50W/350W

SHIPMENT DETAILS

BOL # 0000189003

Bundle / ASN #	Length	pcs	Customer PO
021426067	55' 0"	4	L28368pp

CHEMICAL ANALYSIS (weight percent)

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Nb/Cb	N	B	*C1	*C2	*PC	*I	Analysis Type
.06	1.02	.021	.024	.19	.37	.10	.14	.044	.013	.022	.001	.0116	.0003	.30	.33	.15	5.95	Heat

MECHANICAL TESTING

Test	Yield (fy) Strength ksi / MPa	Tensile (fu) Strength ksi / MPa	fy / fu ratio	% Elong. {8" gage}
1	62 / 431	74 / 513	.84	26
2	63 / 431	75 / 515	.84	27
3				
4				
5				
6				
7				

Charpy Impact Tests (available only when specified at time of order)

Temp F / C	Absorbed Energy ft-lbf / J Specimen 1	Specimen 2	Specimen 3	Average	Minimum

Notes: *Calculated Chemistry Values: Carbon Equivalents (C1, C2, PC), Corrosion Index (I)

CE1 {IIW}=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15 **CE2** {AWS}=C+(Mn+Si)/6+(Cr+Mo+V)/5+(Ni+Cu)/15 **Pcm** {AWS} = C+Si/30+Mn/20+Cu/20+Ni/60+Cr/20+mo/15+V/10+5B

I {ASTM G101}= 26.01(Cu)+3.88(Ni)+1.20(Cr)+1.49(Si)+17.29(P)-7.29(Cu)(Ni)-9.10(Ni)(P)-33.39(Cu²)

I hereby certify that the content of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser designated requirements.

Signed: *Yury Krotov*
Manager of Technical Services

State of Indiana, County of Whitley Sworn to and subscribed before me this _____ day of _____

Signed: _____ My commission expires: _____
Notary Public

FormF-6100-002-054 rev 1

ASTM A6 - 14.6: A signature is not required on the test report; however, the document shall clearly identify the organization submitting the report. Notwithstanding the absence of a signature, the organization submitting the report is responsible for the content of the report

DATE	2/21/11
INVOICE NO.	393240
BILL OF LADING	13456
CUSTOMER NO.	7670
CUSTOMER P.O.	L 28728 FF4

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE,AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SHIP TO
CCC STEEL, INC. C/O
ANCON TRANS BNSF R/R
VERNON, CA FOR TRK DEL
TO COMPTON, CA

SOLD TO
CCC STEEL, INC.
2576 E. VICTORIA ST.

RANCHO DOMINGUEZ, CA 90220-0000

SPECIFICATIONS
ASTM A992/A992M-06a A572/A572M GR50-07
ASTM A709/A709M-09 GR50 (345)
ASTM A709/A709M-09 GR50S (345S)
ASTM A6/A6M-09

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH PSI / MPa	TENSILE STRENGTH PSI / MPa	ELONG % / %	CHARPY IMPACT TEMP °F / °C	CHARPY IMPACT IMPACT ENERGY FT-LBS / JOULES	C	Mn	P	S	Si	Cu	Ni	Cr	Mo / Sn	V / Pcm	Cb	CE / CI
1	W18 - 35.0	4	361105	.81	57000	70000	24			.08	.90	.017	.035	.23	.34	.13	.13	.03	.00	.016	.29
	30'			.81	57000	70000	28											.01	.16		
	W460 x 52.0				393	483	24														
	9.144 M				393	483	28														
2	W18 - 35.0	1	361111	.79	56000	71000	24			.08	.92	.015	.030	.23	.30	.12	.10	.03	.00	.016	.29
	30'			.80	56000	70000	24											.01	.16		
	W460 x 52.0				386	490	24														
	9.144 M				386	483	24														
3	W18 - 35.0	1	361048	.83	59000	71000	24			.07	.90	.013	.034	.22	.32	.15	.13	.04	.00	.016	.28
	50'			.80	57000	71000	24											.01	.15		
	W460 x 52.0				407	490	24														
	15.240 M				393	490	24														
4	W18 - 35.0	1	361062	.83	59000	71000	24			.08	.90	.013	.023	.23	.35	.12	.12	.03	.01	.016	.29
	50'			.83	59000	71000	26											.01	.16		
	W460 x 52.0				407	490	24														
	15.240 M				407	490	26														
5	W18 - 35.0	1	361082	.83	60000	72000	24			.07	.90	.012	.031	.20	.35	.13	.12	.03	.00	.016	.28
	50'			.81	58000	72000	25											.01	.15		
	W460 x 52.0				414	496	24														
	15.240 M				400	496	25														
6	W18 - 35.0	1	361083	.81	56000	69000	25			.08	.90	.016	.032	.22	.34	.13	.10	.03	.00	.016	.29
	50'			.80	56000	70000	26											.01	.16		
	W460 x 52.0				386	476	25														
	15.240 M				386	483	26														
7	W18 - 35.0	1	361086	.82	58000	71000	22			.07	.91	.023	.035	.22	.32	.14	.16	.03	.00	.016	.29
	50'			.81	58000	72000	23											.01	.15		
	W460 x 52.0				400	490	22														
	15.240 M				400	496	23														
8	W18 - 50.0	2	361220	.77	56000	73000	26			.07	1.10	.017	.028	.31	.35	.12	.10	.03	.00	.016	.31
	40'			.76	55000	72000	25											.01	.16		
	W460 x 74.0				386	503	26														
	12.192 M				379	496	25														
9	W18 - 50.0	1	361222	.79	59000	75000	24			.08	1.10	.020	.028	.28	.35	.13	.12	.03	.00	.023	.32
	40'			.78	58000	74000	23											.01	.17		
	W460 x 74.0				407	517	24														
	12.192 M				400	510	23														

Pcm = C + Si/30 + Mn/20 + Cu/20 + Ni/60 + Cr/20 + Mo/15 + V/10 + 5 B Approx. 0005

CARBON EQUIVALENT: CE = CE(IIW) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15
Mercury has not been used in the direct manufacturing of this material.

Corrosion Index: CI=26.01(%Cu)+3.88(%Ni)+1.20(%Cr)+1.49(%Si)+17.28(%P)-7.29(%Cu)(%Ni)-9.10(%Ni)(%P)-33.39(%Cu)^2

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications listed in the Specifications Block above.

Gary Lemell
QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS
21 Day of 02/11
Charlene Wallis NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2013

CHARLENE WALLIS NOTARY PUBLIC MISSISSIPPI CO. ARKANSAS MY Comm. Exp. 10-21-2013

JORGE DE ANDA
INSPECTION SERVICES

(626) 377-3428

DEPT. OF BLDG. & SAFETY
CITY OF Aliso Viejo CA, Orange County

SPECIAL INSPECTION REPORT

BUILDING PERMIT NO. 68318 JOB NO _____ DATE _____

JOB IDENTIFICATION / ADDRESS Arganaut 15 Aliso Viejo ca, orange county ca,

GENERAL CONTRACTOR / ADDRESS R & C Electrical Contractors Inc.

SUB-CONTRACTOR / ADDRESS J & D Iron Worker Inc. S. El Monte CA 91733

STRUCTURAL ENGINEER / ADDRESS Spiro Structural Engineering Co.

TYPE OF WORK:

REINFORCED CONCRETE _____ MASONRY _____ HIGH - STRENGHT BOLTS Epoxy 5/8 anchors. SET-XP

PRESTRESSED CONCRETE _____ WELDING X GYPSUM CONCRETE _____

WELDER / WELDERS	WELDER (S) I.D. NUMBER	CITY	RECEIPT NUMBER
Juan Valencia	Po14546	Los Angeles city (Structural Steel - AWS).	

DATE OF INSPECTION	DESCRIPTION OF WORK INSPECTED
all-steel welded with flaw	Continuous Visual Inspection of Field welding of 3/8x4x3
process, using	angle iron welded to existing 6x6x1/4 T.S 1/4 fillet welds
E71T-8	both sides to support new W24x55, & W21x44 &
9-22-11	W18x35 beams, with (6) 7/8 HS bolts, per connection.
	Inspection of (21) 1/4x3x3 angle iron welded 1/4 fillet weld
	at 3 sides to support new shear wall.
—	Inspection of 3/4x3 studs welded to (1) new colum &
9-23-11	all existing Colum's on North side of Building to support
	new shear walls. per-plan.
all holes brushed & Blown before Epoxy SET-XP	Inspection of (3) new 4" STD pipe columns welded to 3/8 Bottom
	plates 1/4 fillet welds all-around at (3) Locations. per-plan.
	& (6) 5/8" Epoxy anchors. to support 4" pipe column, with an embalment 6"

DATE	REG.	OVERTIME	TIME IN	TIME OUT	MILEAGE	CODE	INITIALS
9-23-11	8		9:15 am	4:45 pm		UBC/CBC	

HOURS

ALL INSPECTION BASED ON MINIMUM OF 4 HOURS & OVER 4 HOURS - 8 HOURS MINIMUM. IN ADDITION, ANY INSPECTION EXTENDING PAST NOON HOUR WILL BE 8 HOURS MINIMUM

ATTORNEY'S FEES - IF ANY ACTION AT LAW OR IN EQUITY IS BROUGHT TO ENFORCE OR INTERPRET THE TERMS OF THIS CONTRACT, THE PREVAILING PARTY SHALL BE ENTITLED TO REASONABLE ATTORNEY'S FEES, COSTS AND NECESSARY DISBURSEMENTS IN ADDITION TO ANY OTHER RELIEF TO WHICH SUCH PARTY MAY BE ENTITLED

6.C #1151
REGISTERED DEPUTY BUILDING INSPECTOR'S CERTIFIED SIGNED BY INSPECTOR _____

I.C.# 5005971-85
I.D. NUMBER _____ HAS BEEN FILED AND IT STATES THAT THE ABOVE WORK HAS BEEN INSPECTED BY HIM AND COMPLIES WITH THE PROVISIONS OF THE BUILDING CODE APPLICABLE THERETO.

RESPECTIVELY SUBMITTED

APPROVED BY: _____ BY: _____

PROJECT SUPERINTENDENT JORGE DE ANDA

JORGE DE ANDA
INSPECTION SERVICES
(626) 377-3426

DEPT. OF BLDG. & SAFETY
CITY OF Aliso Viejo CA
Orange County

SPECIAL INSPECTION REPORT

BUILDING PERMIT NO. 68318 JOB NO. _____ DATE _____

JOB IDENTIFICATION / ADDRESS ARGONAUT 15 ALISO VIEJO CA, ORANGE COUNTY

GENERAL CONTRACTOR / ADDRESS R & C ELECTRICAL CONTRACTING CO.

SUB-CONTRACTOR / ADDRESS Cal Jay Builders. co.

STRUCTURAL ENGINEER / ADDRESS SPIRE Structural Engineering.

TYPE OF WORK:

REINFORCED CONCRETE _____ MASONRY _____ HIGH - STRENGHT BOLTS Epoxy SET-XP

PRESTRESSED CONCRETE _____ WELDING _____ GYPSUM CONCRETE _____

WELDER / WELDERS	WELDER (S) I.D. NUMBER	CITY	RECEIPT NUMBER
—	—	—	—

DATE OF INSPECTION	DESCRIPTION OF WORK INSPECTED
—	Continuous Visual Inspection of Bolts epoxied into existing
	Concrete Panel & footings.
9-25-2011	Inspection of (102) 5/8 anchor bolts at ledger 4" embalment
9-24-2011	Detail 15 S-300.
	Inspection of (88) HOU2 Holdowns at ledger 4" embalment
	Detail 10 & 11 S-300.
9-25-2011	Inspection of (9) 5/8 anchor bolts at new foundation with 4"
	embalment Detail 17 S-200
9-22-2011	Inspection 5/8 anchor bolts at (3) new 4" pipe columns with
	6" embalment Detail 5 S-300.
—	All holes brushed & Blown before epoxy.
—	Epoxy # Simpson SET-XP

HOURS

DATE	REG.	OVERTIME	TIME IN	TIME OUT	MILEAGE	CODE	INITIALS
9-28-2011	8	/	8:15am	3:20pm	/	UBC/LLC	

ALL INSPECTION BASED ON MINIMUM OF 4 HOURS & OVER 4 HOURS - 8 HOURS MINIMUM. IN ADDITION, ANY INSPECTION EXTENDING PAST NOON HOUR WILL BE 8 HOURS MINIMUM.

ATTORNEY'S FEES - IF ANY ACTION AT LAW OR IN EQUITY IS BROUGHT TO ENFORCE OR INTERPRET THE TERMS OF THIS CONTRACT, THE PREVAILING PARTY SHALL BE ENTITLED TO REASONABLE ATTORNEY'S FEES, COSTS AND NECESSARY DISBURSEMENTS IN ADDITION TO ANY OTHER RELIEF TO WHICH SUCH PARTY MAY BE ENTITLED.

O.C #1151
REGISTERED DEPUTY BUILDING INSPECTOR'S CERTIFIED SIGNED BY INSPECTOR _____

I.D. NUMBER 1 CC#5009351-05 HAS BEEN FILED AND IT STATES THAT THE ABOVE WORK HAS BEEN INSPECTED BY HIM AND COMPLIES WITH THE PROVISIONS OF THE BUILDING CODE APPLICABLE THERETO.

RESPECTIVELY SUBMITTED

APPROVED BY: _____ **BY:** _____
PROJECT SUPERINTENDENT JORGE DE ANDA

JORGE DE ANDA
INSPECTION SERVICES

(626) 377-3428

DEPT. OF BLDG. & SAFETY
CITY OF Aliso Viejo CA

SPECIAL INSPECTION REPORT

BUILDING PERMIT NO. 68318 JOB NO. _____ DATE _____

JOB IDENTIFICATION / ADDRESS 15 Argonaut Aliso Viejo CA, 92656

GENERAL CONTRACTOR / ADDRESS Cal Tax Builders. General Contractor (R&C Contracting Co.)

SUB-CONTRACTOR / ADDRESS Cal Tax Builder's General Contractor.

STRUCTURAL ENGINEER / ADDRESS Spire structural engineering / architect, Mark A. Grisak AIA

TYPE OF WORK:

REINFORCED CONCRETE _____ MASONRY _____ HIGH - STRENGHT BOLTS _____

PRESTRESSED CONCRETE _____ WELDING _____ GYPSUM CONCRETE _____

Epoxy. #3, #4 X dowels.

WELDER / WELDERS	WELDER (S) I.D. NUMBER	CITY	RECEIPT NUMBER
—	—	—	—

DATE OF INSPECTION	DESCRIPTION OF WORK INSPECTED
9-9-2011	Continous Visual Inspection of #4 & #3 dowels Epoxied 6" embedment to support new footing & new footing pad. per plan. S200 sheet 17.
—	Inspection of (74) #3 dowels Epoxied into existing concrete slab to support new slab & footing, with an embedment of 6", at 18" O.C.
—	Inspection of (18) #4 ~~dowels~~ dowels Epoxied into existing concrete slab to support new slab & footing. also with an embedment of 6". per S300 det. #1.
—	All holes brushed & Blown before epoxy. Epoxy # SET-XP.

HOURS

DATE	REG.	OVERTIME	TIME IN	TIME OUT	MILEAGE	CODE	INITIALS
9-9-2011	8		8:45 AM	10:15 AM		164	Simpson

ALL INSPECTION BASED ON MINIMUM OF 4 HOURS & OVER 4 HOURS - 8 HOURS MINIMUM. IN ADDITION, ANY INSPECTION EXTENDING PAST NOON HOUR WILL BE 8 HOURS MINIMUM.

ATTORNEY'S FEES - IF ANY ACTION AT LAW OR IN EQUITY IS BROUGHT TO ENFORCE OR INTERPRET THE TERMS OF THIS CONTRACT, THE PREVAILING PARTY SHALL BE ENTITLED TO REASONABLE ATTORNEY'S FEES, COSTS AND NECESSARY DISBURSEMENTS IN ADDITION TO ANY OTHER RELIEF TO WHICH SUCH PARTY MAY BE ENTITLED.

O.C # 1151
REGISTERED DEPUTY BUILDING INSPECTOR'S CERTIFIED SIGNED BY INSPECTOR _____

I.C. # 5005951-85
I.D. NUMBER _____ HAS BEEN FILED AND IT STATES THAT THE ABOVE WORK HAS BEEN INSPECTED BY HIM AND COMPLIES WITH THE PROVISIONS OF THE BUILDING CODE APPLICABLE THERETO.

RESPECTIVELY SUBMITTED

APPROVED BY: _____ **BY:** _____

PROJECT SUPERINTENDENT JORGE DE ANDA

SPIRE
STRUCTURAL ENGINEERING

September 29, 2011 Memo 11.162.1

Mark Grisafe
5618 E. Conant St
Long Beach, CA 90808

Subject: Drawing Clarification and Modification
Address: 15 Argonaut, Aliso Viejo, CA 92656

Dear Mark:

Item 1: Shear walls

Per E-mail from Mark and Brian requesting additional holdown information: there are no holdowns required for 15 Argonaut. Per the plans (1/S210) the shear wall symbol will indicate if a holdown is required. See legend for more information. The symbol at the one wood shear wall indicates "NONE" for the holdown type. The Typical Structural Panel Shear wall Construction detail (3/S310) shows where holdowns would located if required.

Item 2: Rooftop Units

Two rooftop unit have been relocated moved per contractors request. Please see attached SK- 2 for partial plan. Similar detailing may be applied at the other units.

Please feel free to call with any questions or if we can be of additional assistance.

Sincerely,

Jeffrey M Roettele

REGISTERED PROFESSIONAL ENGINEER
JEREMY C. WELTZIN
No. S4614
EXP. 6/30/13
STRUCTURAL
STATE OF CALIFORNIA

23441 South Pointe Drive, Suite 245, Laguna Hills, California 92653 Tel: 949.916.3440 Fax: 949.916.3445
www.spirestructures.com

Date Received: 8-04-11

REQUEST FOR BUILDING PERMIT ISSUANCE

HOLD HARMLESS AGREEMENT

TO: **Building Department / Engineering Department / Planning Department**

APPLICANT: AICI, LLC

PROJECT ADDRESS: 15 ARGONAUT **PLAN CHECK#:** 68254

PROJECT DESCRIPTION: TENANT IMPROVEMENT BUILD OUT FOR NEW TENANT, AMBRY GENETICS

Building Permit Issuance. Following City of Aliso Viejo ("City") plan check review, the above listed project may be submitted to the Building Department/Engineering Department for issuance of a building permit. Applicant acknowledges no building permit final or Certificate of Occupancy shall be granted until all planning/zoning clearances have been obtained and all appeal periods exhausted. Applicant further acknowledges an appeal of planning/zoning approval may occur within ten (10) days of the date of planning discretionary approval determination and a public hearing may be required as part of the appeal process. Applicant acknowledges additional conditions or requirements may be placed on the project or planning/zoning approval may be overturned and the project denied. Applicant further acknowledges and agrees that in the event the approval is appealed and overturned or encumbered with additional conditions or requirements that may require additional building permit submittals, reviews, and issuances, that all plan check fees, building permit fees, and planning processing fees paid as part of the City's process are non-refundable and non-transferable.

Indemnification. Applicant shall defend, indemnify and hold City, its officials, officers, employees, volunteers and agents free and harmless from any and all claims, demands, causes of action, costs, expenses, liability, loss, damage or injury, in law or equity, to property or persons, including wrongful death, in any manner arising out of or incident to any alleged acts, omissions or willful misconduct of Applicant, its officials, officers, employees, agents, consultants, contractors and subcontractors arising out of or in connection with this Agreement, including but not limited to denial of the project and any changes that are required as a result of any pending discretionary actions and appeal periods.

Attorneys' Fees. If either Party commences an action against the other Party, either legal, administrative or otherwise, to enforce, interpret, rescind, or otherwise relating to this Agreement, the prevailing Party in such action shall be entitled to have and recover from the losing Party reasonable attorneys' fees and all other costs and expenses of such action.

Applicant:

Signed: Anne Wagner Date: 8/3/11

Print Name: ANNE WAGNER Company: AICI, LLC

Revised 5/01/09

RECEIVED

AUG 04 2011

PLANNING DEPARTMENT

CITY OF ALISO VIEJO - PERMIT / PLAN REVIEW APPLICATION

JOB ADDRESS: 15 ARGONAUT **APN#/TRACT#/LOT# :**

APPLICANT'S NAME: MARK GRISAFE, ARCHITECT

ADDRESS: 5618 E. CONANT ST. CITY: LONG BEACH ZIP CODE: 90808

PHONE NUMBER: 562 420-1035

PROPERTY OWNER'S NAME: AIC LLC

ADDRESS: 2321 ROSECRANS AVE STE 3230 CITY: EL SEGUNDO ZIP CODE: 90245

PHONE NUMBER: 310-725-0006

NAME OF BUSINESS TO OCCUPY BUILDING/SPACE: AMBRY GENETICS

ARCH./ENGINEER: M GRISAFE ARCHITECT

ADDRESS: 5618 E. CONANT ST. CITY: LONG BCH ZIP CODE: 90808

LICENSE NUMBER: C28845 PHONE NUMBER: (562)420-1035

CONTRACTOR'S NAME: R&C CONTRACTORS PHONE NUMBER: 562-860-3430

ADDRESS: 21113 JUAN AVE. CITY: HAWAIIAN GRDNS ZIP CODE: 90716

CONT. LICENSE CLASS / NUMBER: 939057 EXP. DATE: 10-31-2011

WRITTEN DESCRIPTION OF WORK:	SQUARE FOOTAGE:
T.I. OF EXISTING R&D BLDG	37,406 S.F.

OCCUPANCY: B/S **OCCUPANT LOAD:** **TYPE OF CONSTRUCTION:** II-B **SPRINKLERED?** (YES) / NO

VALUATION OF JOB: $ 250K

PUBLIC WORKS SCREENING QUESTIONS

LANDSCAPE PERMIT

DOES THIS PROJECT INCLUDE NEW LANDSCAPE OR LANDSCAPE RENOVATIONS FOR:	YES	NO
RESIDENTIAL PROJECTS – 5,000 SF AREA OR MORE?		
COMMERCIAL/HOA/PROPERTY MGMT PROJECTS – 2,500 SF AREA OR MORE?		✓

IF YES TO EITHER QUESTION, LANDSCAPE PERMIT IS REQUIRED

WATER QUALITY PERMIT	YES	NO
DOES THIS PROJECT REQUIRE ANY MOVEMENT OF SOIL?		✓
DOES THIS PROJECT REQUIRE ANY OUTSIDE STORAGE OF MATERIALS?		✓

IF YES TO EITHER QUESTION, WATER QUALITY PERMIT IS REQUIRED

CONSTRUCTION AND DEMOLITION (C&D) PERMIT	YES	NO
DOES THIS PROJECT INVOLVE MORE THAN 5,000 SF?	✓	
IS THE TOTAL VALUE OF THE PROJECT $50,000 OR MORE?	✓	

IF YES TO EITHER QUESTION, C&D PERMIT IS REQUIRED

WATER POLLUTION PREVENTION	YES	NO
DOES THIS PROJECT INCLUDE ONE ACRE OR MORE OF DISTURBED SOIL?		✓

IF YES, STORM WATER POLLUTION PREVENTION PLAN (SWPPP, STATE) IS REQUIRED

	YES	NO
IS THIS A NON-RESIDENTIAL PROJECT THAT INCLUDES LESS THAN ONE ACRE OF DISTURBED SOIL?	✓	

IF YES, WATER POLLUTION CONTROL PLAN (WPCP, CITY) IS REQUIRED

✓ **SIGNATURE OF APPLICANT OR AGENT:** _____

OFFICE USE ONLY DO NOT WRITE BELOW THIS LINE

Plan Check	1216.75	Plumbing	
Building	1871.93	Electrical	
Issuance		Mechanical	
Scanning		SMIP	
General Plan Maintenance	387.24	SB 1473	
Planning		CPTED	
Other:			

APPROVED TO SUBMIT PER PLANNING: _____ Revised 01-03-11

CITY OF ALISO VIEJO
MECHANICAL, ELECTRICAL, AND PLUMBING TAKE OFF SHEET

MECHANICAL UNIT FEE SCHEDULE

QTY	ITEM	FEE	QTY	ITEM	FEE
	FORCED AIR GRAVITY FAU DUCTS UP TO 100,000 BTUS			AIR HANDLING UNIT < = 5,000 CFM	
	OVER 100,000 BTUS			AIR HANDLING UNIT > 5,000 CFM	
	EVAPORATIVE COOLER			INSTALLATION REPAIR ALTERATION RELOCATION OR ADD TO EA. BOILER OR COMPRESSOR OR ABSORPTION SYSTEM < = HP OR 100,000 BTUS	
	COMMERCIAL VENTILATING FAN				
	COMMERCIAL VENTILATING SYSTEM				
	EXHAUST HOOD W/ FANS / DUCTS			> 5 HP OR 100,000 BTUS	
	RES INCINERATOR NEW / RELOCATE			INSTALLATION/REPLACEMENT OF AIR	
	COMM INCINERATOR NEW / RELOCATE			CONDITIONING OF HEAT PUMPS	
	REHEAT/COOLING COIL/STRIP HTR			< = 5,000 TONS/HP	
	INCIDENTAL GAS PIPING			> 5 TONS/HP	
	FLOOR WALL OR SUSPENDED HEATERS			OTHER:	
	APPLIANCE VENTS				
	REPAIR / ALT TO EA HTG APPLIANCE REFRIGERATION UNIT, COMFORT COOLING UNIT, ABSORPTION UNIT, OR EA COMFORT HTG / COOLING ABSORPTION OR EVAPORATIVE COOLING SYST. INCL. REGIST. GRILLS		1		

PLUMBING UNIT FEE SCHEDULE

QTY	ITEM	FEE	QTY	ITEM	FEE
	PER FIXTURE-SINK, TOILET, DISPOSAL WTR HEATER, DISHWASHER, SOFTNER RAINWATER SYSTEM (PER DRAIN) ALT OR REPAIR OF PIPING OR TREATMENT SYSTEM		3	TEMPORARY SERVICE COMMERCIAL	
				GAS PIPING OUTLETS 1-5	
				EACH ADDITIONAL	
				CARBON DIOXIDE SYSTEM	
	BUILDING SEWER			**SPRINKLER SYSTEM (PER METER)** RESIDENTIAL	
	PRE-INVESTIGATE PRIVATE SEWER			COMMERCIAL	
	PRIVATE SEWER			STANDPIPES (ANY COMBINATION)	
	SEEPAGE PIT,SEPTIC TANK,SEWER CAP OR DRAINAGE FIELD			SPRINKLER SYSTEM ALTERATION	
	VACCUUM BREAKERS BACKFLOW DEVICES OR FIXTURES ON TANK/VATS 1-5 DEVICES			**YARD PIPING, UNDER GROUND SPRINKLER OR YARD PIPING, ALTERATIONS ONLY, NOT COMPLETE SYSTEM COMPLETE DISTRIBUTION (PER 1,000)**	
	EACH ADDITIONAL			YARD GAS SYSTEM	
	INDUSTRIAL WASTE PRETREATMENT			YARD WASTE SYSTEM	
	GAS REGULATOR (EACH)			YARD COLLECTION SYSTEM	
	TEMPORARY SERVICE RESIDENTIAL			OTHER:	

ELECTRICAL UNIT FEE SCHEDULE

QTY	ITEM	FEE	QTY	ITEM	FEE
	SERVICE METER			SWITCHBOARD >600 VOLTS EACH ADDIT.	
	ANNUAL ELECTRICAL PERMIT			SERVICE/SWITCHBOARD<=600 VOLTS	
	SELF CONTAINED WIRED APPLIANCE			600 AMPS OR LESS	
	BUSWAYS FOR TROLLYS AND PLUGINS TYPE BUSWAYS EA 100 OR FRACTION			601-1000 AMPS	
				1001- AND GREATER	
	POWER APPARATUS (HP,KW,KVA) LESS THAN AND EQUAL TO 1			OVER 600 VOLTS, ALL LAMPS	
				RELOCATION OF RESIDENTIAL SERVICE	
	1 UP TO AND EQUAL T 10			PRELOWERING	
	FROM 10 TO AND EQUAL TO 50			INSPECTION PER 10 SQFT	
	FROM 50 AND INCLUSIVE OF 100			GARAGE CARPORT PER 100 SQFT	
	OVER 100			PRELOWERING INSPEC. FOR COMMERCIAL	
	RADIANT CEILING HEAT PER ROOM			ALL OTHER INSPECTION SEE TABLE	
	FIXTURES AND OUTLETS FIRST 20 (EACH)			**TEMPORARY POWER LIGHTING**	
			200	SERVICE	
	ADDITIONAL (EACH)			RESIDENTIAL WORK SERVICE	
	5 OF MULTIPLE OUTLET STRIP		10	COMMERCIAL WORK SERVICE PEDESTALS, PIGGYBACK, POLES (EACH)	
	MULTIPLE APPLIANCE OUTLET ASSEMB.				
	POL MOUNTED VAPOR FIXTURE			CONST. POLE (EACH NO POWER)	
	ADDITNL FIXTURES ON SINGLE POLE		25	CONST. LIGHTING <=500 LAMPS	
	LAMP HOLDING DEVICES 1 - 20 (EACH)			CONST. LIGHTING >500 LAMPS	
	NEXT 200 (EACH)			**SIGNAGE (INCLUDES GAS TUBE TYPE)**	
	EACH ADDITIONAL			ONE SIGN & TRANSFORMER	
	FLASHER / TIME CLOCK			EACH ADDITIONAL SAME BUILDING	
	SERVICES PEDESTAL			EA EXTRA TRANSFORMER FLASHER TIMER EA ADDIT. SIGN/TRANS SAME LOT	
	SUBPANEL	1	1	MOVE EACH SIGN/TRANS	
	SWITCHBOARD<600 VOLTS FIRST SECTION			ALTERING CHANGING LETTERING	
	SWITCHBOARD <600 VOLTS EACH ADDIT.			CONVERTING SIGN OR DECORATVE TUBING	
	SWITCHBOARD >600 VOLTS FIRST SECTION			OTHER:	

CERTIFICATE OF ACCEPTANCE	LTG-2A
Lighting Control Acceptance Document	(Page 1 of 3)

Project Name/Address:
TENANT IMPROVEMENT FOR AMBRY GENETICS-PHASE ONE 15 ARGONAUT ALISO VIEJO, 92656

System Name or Identification/Tag:	System Location or Area Served:

Enforcement Agency:	Permit Number:
Note: Submit one Certificate of Acceptance for each system that must demonstrate compliance.	Enforcement Agency Use: Checked by/Date

FIELD TECHNICIAN'S DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, the information provided on this form is true and correct.
- I am the person who performed the acceptance requirements verification reported on this Certificate of Acceptance (Field Technician).
- I certify that the construction/installation identified on this form complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency, and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7.
- I have confirmed that the Installation Certificate(s) for the construction/installation identified on this form has been completed and is posted or made available with the building permit(s) issued for the building.

Company Name: R+C ELECTRICAL INC.		
Field Technician's Name: DONALD F BROWN		Field Technician's Signature:
	Date Signed:	Position With Company (Title): ELECTRICAL FOREMAN

RESPONSIBLE PERSON'S DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, that I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this form.
- I am a licensed contractor, architect, or engineer, who is eligible under Division 3 of the Business and Professions Code, in the applicable classification, to take responsibility for the scope of work specified on this document and attest to the declarations in this statement (responsible person).
- I certify that the information provided on this form substantiates that the construction/installation identified on this form complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency, and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7.
- I have confirmed that the Installation Certificate(s) for the construction/installation identified on this form has been completed and is posted or made available with the building permit(s) issued for the building.
- I will ensure that a completed, signed copy of this Certificate of Acceptance shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a signed copy of this Certificate of Acceptance is required to be included with the documentation the builder provides to the building owner at occupancy.

Company Name: R&C Electrical Inc.			Phone: (562) 860-3430
Responsible Person's Name: Rob MAINGOT		Responsible Person's Signature:	
License: Lic. # 939057	Date Signed: 12/12/11	Position With Company (Title): President	

Occupant Sensor, Manual Daylighting Control, and Automatic Time Switch Control		
Intent:	Lights are turned off when not needed per Section 119(d) & 131(d).	
Construction Inspection		
1	Instrumentation to perform test includes, but not limited to:	
	a.	Hand-held amperage and voltage meter
	b.	Power meter

continued on next page

CERTIFICATE OF ACCEPTANCE	LTG-2A
Lighting Control Acceptance Document	(Page 2 of 3)

Project Name/Address: TENANT IMPROVEMENT FOR AMBRY GENETICS-PHASE ONE 15 ARGONAUT ALISO VIEJO

System Name or Identification/Tag:	System Location or Area Served:

2	Occupancy Sensor Construction Inspection		
	☒	Occupancy sensor has been located to minimize false signals	
	☐	Light meter	
	☐	Ultrasonic occupancy sensors do not emit audible sound (119a) 5 feet from source	
3	Manual Daylighting Controls Construction Inspection		
	☐	If dimming ballasts are specified for light fixtures within the daylit area, make sure they meet all the Standards requirements, including "reduced flicker operation" for manual dimming control systems	
4	Automatic Time Switch Controls Construction Inspection		
	a.	Automatic time switch control is programmed for (check all):	
			Weekdays
			Weekend
			Holidays
	b.	Document for the owner automatic time switch programming (check all):	
			Weekdays settings
			Weekend settings
			Holidays settings
			Set-up settings
			Preference program setting
		Verify the correct time and date is properly set in the time switch	
	☐	Verify the battery is installed and energized	
	☐	Override time limit is no more than 2 hours	
	☒	Occupant Sensors and Automatic Time Switch Controls have been certified to the Energy Commission in accordance with the applicable provision in Section 119 of the Standards, and model numbers for all such controls are listed on the Commission database as Certified Appliance and Control Devices	

A.	Select Acceptance Test (Indicate lighting control systems Names/Designations by the applicable tests below)	
☒	1	Occupancy Sensor
☐	2	Manual Daylighting Controls
	3	Automatic Time Switch Controls

B.	**Equipment Testing Requirements** Check and verify those items applicable to selected system:	Applicable Lighting Control Systems		
Occupancy Sensor - Step 1: Simulate an unoccupied condition		1	2	3
a.	Lights controlled by occupancy sensors turn off within a maximum of 30 minutes from start of an unoccupied condition per Standard Section 119(d)	(Y) / N	Y / N	Y / N
b.	The occupant sensor does not trigger a false "on" from movement in an area adjacent to the controlled space or from HVAC operation	(Y) / N	Y / N	Y / N
c.	Signal sensitivity is adequate to achieve desired control	(Y) / N	Y / N	Y / N
Occupant Sensor - Step 2: Simulate an occupied condition				
a.	Status indicator or annunciator operates correctly	(Y) / N	Y / N	Y / N
b.	Lights controlled by occupancy sensors turn on when Immediately upon an occupied condition *OR* (this requirement is mutually exclusive with Step 2.c.)		Y / N	Y / N
c.	Sensor indicates space is "occupied" and lights turn on manually	(Y) / N	Y / N	Y / N

continued on next page

CERTIFICATE OF ACCEPTANCE	LTG-2A
Lighting Control Acceptance Document	**(Page 3 of 3)**

Project Name/Address:
TENANT IMPROVEMENT FOR AMBRY GENETICS-PHASE ONE 15 ARGONAUT ALISO VIEJO, CA

System Name or Identification/Tag:	System Location or Area Served:

Occupant Sensor - Step 3: System returned to initial operating conditions		(Y)/N	Y / N	Y / N
Occupant Sensor - Step 4 - Sensor is also a multi-Level Occupant Sensor used to qualify for a Power Adjustment Factor in Section 146(a)2D of the Standards. If yes, then 'a,' 'b,' and 'c' must also be yes.		(Y) (N)	Y / N	Y / N
a.	The first stage activates between 30 to 70% of the lighting either manually or automatically.	(Y) (N)	Y / N	Y / N
b.	A reasonably uniform level of illuminance is achieved by dimming of all lamps or luminaires; or by switching alternate lamps in luminaires, alternate luminaires, or alternate rows of luminaires.	(Y) (N)	Y / N	Y / N
c.	After the first stage occurs, manual switches have been provided to activate the alternate set of lights, activate 100% of the lighting power, and manually deactivate all of the lights.	(Y) (N)	Y / N	Y / N
Manual Daylighting Controls - Step 1: Manual switching control				
a.	At least 50% of lighting power in daylit areas is separately controlled from other lights	Y /	Y / N	Y / N
b.	The amount of light delivered to the space is uniformly reduced	Y	Y / N	Y / N
Manual Daylighting Controls - Step 2: System returned to initial operating conditions		Y /	Y / N	Y / N
Automatic Time Switch Controls - Step 1: Simulate occupied condition				
a.	All lights can be turned on and off by their respective area control switch	Y / N	Y / N	Y / N
b.	Verify the switch only operates lighting in the ceiling-height partitioned area in which the switch is located	Y / N	Y / N	Y / N
Automatic Time Switch Controls - Step 2: Simulate unoccupied condition				
a.	All non-exempt lighting turn off per Section 131(d)1	Y / N	Y / N	Y / N
b.	Manual override switch allows only the lights in the selected ceiling height partitioned space where the override switch is located, to turn on or remain on until the next scheduled shut off occurs	Y / N	Y / N	Y / N
c.	All non-exempt lighting turns off	Y / N	Y / N	Y / N
Automatic Time Switch Controls - Step 3: System returned to initial operating conditions		Y / N	Y / N	Y / N
Note: Shaded areas do not apply for particular test procedure				

C.	**PASS / FAIL Evaluation (check one):**
☑	PASS: All applicable **Construction Inspection** responses are complete and all applicable **Equipment Testing Requirements** responses are positive (Y - yes)
☐	FAIL: Any applicable **Construction Inspection** responses are incomplete *OR* there is one or more negative (N - no) responses in any applicable **Equipment Testing Requirements** section. Provide explanation below. Use and attach additional pages if necessary.

CERTIFICATE OF ACCEPTANCE	LTG-2A
Lighting Control Acceptance Document	(Page 1 of 3)

Project Name/Address:
TENANT IMPROVEMENT FOR AMBRY GENETICS - PHASE TWO 15 ARGONAUT ALISO VIEJO, CA 92656

System Name or Identification/Tag:	System Location or Area Served:

Enforcement Agency:	Permit Number:
Note: Submit one Certificate of Acceptance for each system that must demonstrate compliance.	Enforcement Agency Use: Checked by/Date

FIELD TECHNICIAN'S DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, the information provided on this form is true and correct.
- I am the person who performed the acceptance requirements verification reported on this Certificate of Acceptance (Field Technician).
- I certify that the construction/installation identified on this form complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency, and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7.
- I have confirmed that the Installation Certificate(s) for the construction/installation identified on this form has been completed and is posted or made available with the building permit(s) issued for the building.

Company Name: R+C ELECTRICAL INC.		
Field Technician's Name: DONALD F. BROWN		Field Technician's Signature:
	Date Signed:	Position With Company (Title): FIELD FOREMAN

RESPONSIBLE PERSON'S DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, that I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this form.
- I am a licensed contractor, architect, or engineer, who is eligible under Division 3 of the Business and Professions Code, in the applicable classification, to take responsibility for the scope of work specified on this document and attest to the declarations in this statement (responsible person).
- I certify that the information provided on this form substantiates that the construction/installation identified on this form complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency, and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7.
- I have confirmed that the Installation Certificate(s) for the construction/installation identified on this form has been completed and is posted or made available with the building permit(s) issued for the building.
- I will ensure that a completed, signed copy of this Certificate of Acceptance shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a signed copy of this Certificate of Acceptance is required to be included with the documentation the builder provides to the building owner at occupancy.

Company Name: R&C Electrical Inc.			Phone: (562) 860-3430
Responsible Person's Name: Ron MAINGOT		Responsible Person's Signature:	
License: Lic. # 939057	Date Signed: 12/12/11	Position With Company (Title): President	

Occupant Sensor, Manual Daylighting Control, and Automatic Time Switch Control		
Intent:	Lights are turned off when not needed per Section 119(d) & 131(d).	
Construction Inspection		
1	Instrumentation to perform test includes, but not limited to:	
	a.	Hand-held amperage and voltage meter
	b.	Power meter

continued on next page

CERTIFICATE OF ACCEPTANCE	LTG-2A
Lighting Control Acceptance Document	(Page 2 of 3)

Project Name/Address:
TENENT IMPROVEMENT FOR AMBRY GENETICS - PHASE TWO 15 ARGONAUT ALISO VIEJO, CA

System Name or Identification/Tag:	System Location or Area Served:

2	Occupancy Sensor Construction Inspection		
	☑	Occupancy sensor has been located to minimize false signals	
	☐	Light meter	
	☐	Ultrasonic occupancy sensors do not emit audible sound (119a) 5 feet from source	
3	Manual Daylighting Controls Construction Inspection		
	☐	If dimming ballasts are specified for light fixtures within the daylit area, make sure they meet all the Standards requirements, including "reduced flicker operation" for manual dimming control systems	
4	Automatic Time Switch Controls Construction Inspection		
	a.	Automatic time switch control is programmed for (check all):	
		☐	Weekdays
		☐	Weekend
		☐	Holidays
	b.	Document for the owner automatic time switch programming (check all):	
		☐	Weekdays settings
		☐	Weekend settings
		☐	Holidays settings
		☐	Set-up settings
		☐	Preference program setting
	☐	Verify the correct time and date is properly set in the time switch	
	☐	Verify the battery is installed and energized	
	☐	Override time limit is no more than 2 hours	
	☐	Occupant Sensors and Automatic Time Switch Controls have been certified to the Energy Commission in accordance with the applicable provision in Section 119 of the Standards, and model numbers for all such controls are listed on the Commission database as Certified Appliance and Control Devices	

A.	**Select Acceptance Test** (Indicate lighting control systems Names/Designations by the applicable tests below)	
☑	1	Occupancy Sensor
☐	2	Manual Daylighting Controls
☐	3	Automatic Time Switch Controls

B. **Equipment Testing Requirements** Check and verify those items applicable to selected system:		Applicable Lighting Control Systems		
Occupancy Sensor - Step 1: Simulate an unoccupied condition		1	2	3
a.	Lights controlled by occupancy sensors turn off within a maximum of 30 minutes from start of an unoccupied condition per Standard Section 119(d)	(Y) / N	Y / N	Y / N
b.	The occupant sensor does not trigger a false "on" from movement in an area adjacent to the controlled space or from HVAC operation	(Y) / N	Y / N	Y / N
c.	Signal sensitivity is adequate to achieve desired control	(Y) / N	Y / N	Y / N
Occupant Sensor - Step 2: Simulate an occupied condition				
a.	Status indicator or annunciator operates correctly	(Y) / N	Y / N	Y / N
b.	Lights controlled by occupancy sensors turn on when Immediately upon an occupied condition *OR* (this requirement is mutually exclusive with Step 2.c.)	–	Y / N	Y / N
c.	Sensor indicates space is "occupied" and lights turn on manually	(Y) / N	Y / N	Y / N

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CERTIFICATE OF ACCEPTANCE	LTG-2A
Lighting Control Acceptance Document	(Page 3 of 3)
Project Name/Address: TENANT IMPROVEMENT FOR AMBRY GENETICS - PHASE TWO 15 ARGONAUT ALISO VIEJO, CA	
System Name or Identification/Tag:	System Location or Area Served:

Occupant Sensor - Step 3: System returned to initial operating conditions		(Y) / N	Y / N	Y / N
Occupant Sensor - Step 4 - Sensor is also a multi-Level Occupant Sensor used to qualify for a Power Adjustment Factor in Section 146(a)2D of the Standards. If yes, then 'a,' 'b,' and 'c' must also be yes.		(Y) / N	Y / N	Y / N
a.	The first stage activates between 30 to 70% of the lighting either manually or automatically.	(Y) N	Y / N	Y / N
b.	A reasonably uniform level of illuminance is achieved by dimming of all lamps or luminaires; or by switching alternate lamps in luminaires, alternate luminaires, or alternate rows of luminaires.	(Y) N	Y / N	Y / N
c.	After the first stage occurs, manual switches have been provided to activate the alternate set of lights, activate 100% of the lighting power, and manually deactivate all of the lights.	(Y) N	Y / N	Y / N
Manual Daylighting Controls - Step 1: Manual switching control				
a.	At least 50% of lighting power in daylit areas is separately controlled from other lights	Y / N	Y / N	Y / N
b.	The amount of light delivered to the space is uniformly reduced	Y / N	Y / N	Y / N
Manual Daylighting Controls - Step 2: System returned to initial operating conditions		Y / N	Y / N	Y / N
Automatic Time Switch Controls - Step 1: Simulate occupied condition				
a.	All lights can be turned on and off by their respective area control switch	Y / N	Y / N	Y / N
b.	Verify the switch only operates lighting in the ceiling-height partitioned area in which the switch is located	Y / N	Y / N	Y / N
Automatic Time Switch Controls - Step 2: Simulate unoccupied condition				
a.	All non-exempt lighting turn off per Section 131(d)1	Y / N	Y / N	Y / N
b.	Manual override switch allows only the lights in the selected ceiling height partitioned space where the override switch is located, to turn on or remain on until the next scheduled shut off occurs	Y / N	Y / N	Y / N
c.	All non-exempt lighting turns off	Y / N	Y / N	Y / N
Automatic Time Switch Controls - Step 3: System returned to initial operating conditions		Y / N	Y / N	Y / N
Note: Shaded areas do not apply for particular test procedure				

C.	**PASS / FAIL Evaluation (check one):**
☑	PASS: All applicable **Construction Inspection** responses are complete and all applicable **Equipment Testing Requirements** responses are positive (Y - yes)
☐	FAIL: Any applicable **Construction Inspection** responses are incomplete *OR* there is one or more negative (N - no) responses in any applicable **Equipment Testing Requirements** section. Provide explanation below. Use and attach additional pages if necessary.

CERTIFICATE OF ACCEPTANCE	LTG-2A
Lighting Control Acceptance Document	(Page 1 of 3)

Project Name/Address:
TENANT IMPROVEMENT FOR AMBRY GENETICS-PHASE ONE 15 ARGONAUT ALISO VIEJO, 92656

System Name or Identification/Tag:	System Location or Area Served:

Enforcement Agency:	Permit Number:
Note: Submit one Certificate of Acceptance for each system that must demonstrate compliance.	Enforcement Agency Use: Checked by/Date

FIELD TECHNICIAN'S DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, the information provided on this form is true and correct.
- I am the person who performed the acceptance requirements verification reported on this Certificate of Acceptance (Field Technician).
- I certify that the construction/installation identified on this form complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency, and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7.
- I have confirmed that the Installation Certificate(s) for the construction/installation identified on this form has been completed and is posted or made available with the building permit(s) issued for the building.

Company Name: R+C ELECTRICAL INC.		
Field Technician's Name: DONALD F BROWN		Field Technician's Signature: Donald F. Brown
	Date Signed:	Position With Company (Title): ELECTRICAL FOREMAN

RESPONSIBLE PERSON'S DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, that I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this form.
- I am a licensed contractor, architect, or engineer, who is eligible under Division 3 of the Business and Professions Code, in the applicable classification, to take responsibility for the scope of work specified on this document and attest to the declarations in this statement (responsible person).
- I certify that the information provided on this form substantiates that the construction/installation identified on this form complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency, and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7.
- I have confirmed that the Installation Certificate(s) for the construction/installation identified on this form has been completed and is posted or made available with the building permit(s) issued for the building.
- I will ensure that a completed, signed copy of this Certificate of Acceptance shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a signed copy of this Certificate of Acceptance is required to be included with the documentation the builder provides to the building owner at occupancy.

Company Name: R&C Electrical Inc.			Phone: (562) 860-3430
Responsible Person's Name: Rob MAINGOT		Responsible Person's Signature:	
License: Lic. # 939057	Date Signed: 12/12/11	Position With Company (Title): PRESIDENT	

Occupant Sensor, Manual Daylighting Control, and Automatic Time Switch Control		
Intent:	Lights are turned off when not needed per Section 119(d) & 131(d).	
Construction Inspection		
1	Instrumentation to perform test includes, but not limited to:	
	a.	Hand-held amperage and voltage meter
	b.	Power meter

continued on next page

CERTIFICATE OF ACCEPTANCE	LTG-2A
Lighting Control Acceptance Document	(Page 2 of 3)

Project Name/Address: 15 ARGONAUT
TENANT IMPROVEMENT FOR AMBRY GENETICS-PHASE ONE AT 150 VIEJO

System Name or Identification/Tag:	System Location or Area Served:

2	Occupancy Sensor Construction Inspection		
	☒	Occupancy sensor has been located to minimize false signals	
	☐	Light meter	
	☐	Ultrasonic occupancy sensors do not emit audible sound (119a) 5 feet from source	
3	Manual Daylighting Controls Construction Inspection		
	☐	If dimming ballasts are specified for light fixtures within the daylit area, make sure they meet all the Standards requirements, including "reduced flicker operation" for manual dimming control systems	
4	Automatic Time Switch Controls Construction Inspection		
	a.	Automatic time switch control is programmed for (check all):	
			Weekdays
			Weekend
			Holidays
	b.	Document for the owner automatic time switch programming (check all):	
			Weekdays settings
			Weekend settings
			Holidays settings
			Set-up settings
			Preference program setting
		Verify the correct time and date is properly set in the time switch	
	☐	Verify the battery is installed and energized	
	☐	Override time limit is no more than 2 hours	
	☒	Occupant Sensors and Automatic Time Switch Controls have been certified to the Energy Commission in accordance with the applicable provision in Section 119 of the Standards, and model numbers for all such controls are listed on the Commission database as Certified Appliance and Control Devices	

A.	Select Acceptance Test (Indicate lighting control systems Names/Designations by the applicable tests below)	
☒	1	Occupancy Sensor
☐	2	Manual Daylighting Controls
	3	Automatic Time Switch Controls

B.	*Equipment* Testing Requirements Check and verify those items applicable to selected system:	Applicable Lighting Control Systems		
Occupancy Sensor - Step 1: Simulate an unoccupied condition		1	2	3
a.	Lights controlled by occupancy sensors turn off within a maximum of 30 minutes from start of an unoccupied condition per Standard Section 119(d)	(Y) / N	Y / N	Y / N
b.	The occupant sensor does not trigger a false "on" from movement in an area adjacent to the controlled space or from HVAC operation	(Y) / N	Y / N	Y / N
c.	Signal sensitivity is adequate to achieve desired control	(Y) / N	Y / N	Y / N
Occupant Sensor - Step 2: Simulate an occupied condition				
a.	Status indicator or annunciator operates correctly	(Y) / N	Y / N	Y / N
b.	Lights controlled by occupancy sensors turn on when Immediately upon an occupied condition *OR* (this requirement is mutually exclusive with Step 2.c.)		Y / N	Y / N
c.	Sensor indicates space is "occupied" and lights turn on manually	(Y) / N	Y / N	Y / N

continued on next page

CERTIFICATE OF ACCEPTANCE	LTG-2A
Lighting Control Acceptance Document	(Page 3 of 3)

Project Name/Address: TENANT IMPROVEMENT FOR AMBRY GENETICS - PHASE ONE 15 ARGONAUT ALISO VIEJO, CA

System Name or Identification/Tag:	System Location or Area Served:

Occupant Sensor - Step 3: System returned to initial operating conditions		(Y)/N	Y / N	Y / N
Occupant Sensor - Step 4 - Sensor is also a multi-Level Occupant Sensor used to qualify for a Power Adjustment Factor in Section 146(a)2D of the Standards. If yes, then 'a,' 'b,' and 'c' must also be yes.		(Y) (N)	Y / N	Y / N
a.	The first stage activates between 30 to 70% of the lighting either manually or automatically.	(Y) (N)	Y / N	Y / N
b.	A reasonably uniform level of illuminance is achieved by dimming of all lamps or luminaires; or by switching alternate lamps in luminaires, alternate luminaires, or alternate rows of luminaires.	(Y) (N)	Y / N	Y / N
c.	After the first stage occurs, manual switches have been provided to activate the alternate set of lights, activate 100% of the lighting power, and manually deactivate all of the lights.	(Y) (N)	Y / N	Y / N
Manual Daylighting Controls - Step 1: Manual switching control				
a.	At least 50% of lighting power in daylit areas is separately controlled from other lights	Y /	Y / N	Y / N
b.	The amount of light delivered to the space is uniformly reduced	Y	Y / N	Y / N
Manual Daylighting Controls - Step 2: System returned to initial operating conditions		Y /	Y / N	Y / N
Automatic Time Switch Controls - Step 1: Simulate occupied condition				
a.	All lights can be turned on and off by their respective area control switch	Y / N	Y / N	Y / N
b.	Verify the switch only operates lighting in the ceiling-height partitioned area in which the switch is located	Y / N	Y / N	Y / N
Automatic Time Switch Controls - Step 2: Simulate unoccupied condition				
a.	All non-exempt lighting turn off per Section 131(d)1	Y / N	Y / N	Y / N
b.	Manual override switch allows only the lights in the selected ceiling height partitioned space where the override switch is located, to turn on or remain on until the next scheduled shut off occurs	Y / N	Y / N	Y / N
c.	All non-exempt lighting turns off	Y / N	Y / N	Y / N
Automatic Time Switch Controls - Step 3: System returned to initial operating conditions		Y / N	Y / N	Y / N
Note: Shaded areas do not apply for particular test procedure				

C.	**PASS / FAIL Evaluation (check one):**
☑	PASS: All applicable **Construction Inspection** responses are complete and all applicable **Equipment Testing Requirements** responses are positive (Y - yes)
☐	FAIL: Any applicable **Construction Inspection** responses are incomplete *OR* there is one or more negative (N - no) responses in any applicable **Equipment Testing Requirements** section. Provide explanation below. Use and attach additional pages if necessary.

CERTIFICATE OF ACCEPTANCE	LTG-2A
Lighting Control Acceptance Document	(Page 1 of 3)

Project Name/Address:
TENANT IMPROVEMENT FOR AMBRY GENETICS - PHASE TWO 15 ARGONAUT ALISO VIEJO, CA 92656

System Name or Identification/Tag:	System Location or Area Served:

Enforcement Agency:	Permit Number:
Note: Submit one Certificate of Acceptance for each system that must demonstrate compliance.	Enforcement Agency Use: Checked by/Date

FIELD TECHNICIAN'S DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, the information provided on this form is true and correct.
- I am the person who performed the acceptance requirements verification reported on this Certificate of Acceptance (Field Technician).
- I certify that the construction/installation identified on this form complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency, and conforms to the applicable acceptance requirements and procedures specified in *Reference Nonresidential Appendix NA7.*
- I have confirmed that the Installation Certificate(s) for the construction/installation identified on this form has been completed and is posted or made available with the building permit(s) issued for the building.

Company Name: R+C ELECTRICAL INC.		
Field Technician's Name: DONALD F. BROWN		Field Technician's Signature:
	Date Signed:	Position With Company (Title): ELECTRICAL FOREMAN

RESPONSIBLE PERSON'S DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, that I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this form.
- I am a licensed contractor, architect, or engineer, who is eligible under Division 3 of the Business and Professions Code, in the applicable classification, to take responsibility for the scope of work specified on this document and attest to the declarations in this statement (responsible person).
- I certify that the information provided on this form substantiates that the construction/installation identified on this form complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency, and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7.
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Company Name: R&C Electrical Inc.		Phone: (562) 860-3430
Responsible Person's Name: Rob MAINGOT		Responsible Person's Signature:
License: Lic. # 939057	Date Signed: 12/12/11	Position With Company (Title): President

Occupant Sensor, Manual Daylighting Control, and Automatic Time Switch Control		
Intent:	Lights are turned off when not needed per Section 119(d) & 131(d).	
Construction Inspection		
1	Instrumentation to perform test includes, but not limited to:	
	a.	Hand-held amperage and voltage meter
	b.	Power meter

continued on next page

CERTIFICATE OF ACCEPTANCE	LTG-2A
Lighting Control Acceptance Document	(Page 2 of 3)

Project Name/Address:
TENENT IMPROVEMENT FOR AMBRY GENETICS - PHASE TWO 15 ARGONAUT ALISO VIEJO, CA

System Name or Identification/Tag:	System Location or Area Served:

2	Occupancy Sensor Construction Inspection		
	☑	Occupancy sensor has been located to minimize false signals	
	☐	Light meter	
	☐	Ultrasonic occupancy sensors do not emit audible sound (119a) 5 feet from source	
3	Manual Daylighting Controls Construction Inspection		
	☐	If dimming ballasts are specified for light fixtures within the daylit area, make sure they meet all the Standards requirements, including "reduced flicker operation" for manual dimming control systems	
4	Automatic Time Switch Controls Construction Inspection		
	a.	Automatic time switch control is programmed for (check all):	
		☐	Weekdays
		☐	Weekend
		☐	Holidays
	b.	Document for the owner automatic time switch programming (check all):	
		☐	Weekdays settings
		☐	Weekend settings
		☐	Holidays settings
		☐	Set-up settings
		☐	Preference program setting
	☐	Verify the correct time and date is properly set in the time switch	
	☐	Verify the battery is installed and energized	
	☐	Override time limit is no more than 2 hours	
	☐	Occupant Sensors and Automatic Time Switch Controls have been certified to the Energy Commission in accordance with the applicable provision in Section 119 of the Standards, and model numbers for all such controls are listed on the Commission database as Certified Appliance and Control Devices	

A.	**Select Acceptance Test** (Indicate lighting control systems Names/Designations by the applicable tests below)	
☑	1	Occupancy Sensor
☐	2	Manual Daylighting Controls
☐	3	Automatic Time Switch Controls

B.	**Equipment Testing Requirements** Check and verify those items applicable to selected system:	Applicable Lighting Control Systems		
Occupancy Sensor - Step 1: Simulate an unoccupied condition		1	2	3
a.	Lights controlled by occupancy sensors turn off within a maximum of 30 minutes from start of an unoccupied condition per Standard Section 119(d)	(Y) / N	Y / N	Y / N
b.	The occupant sensor does not trigger a false "on" from movement in an area adjacent to the controlled space or from HVAC operation	(Y) / N	Y / N	Y / N
c.	Signal sensitivity is adequate to achieve desired control	(Y) / N	Y / N	Y / N
Occupant Sensor - Step 2: Simulate an occupied condition				
a.	Status indicator or annunciator operates correctly	(Y) / N	Y / N	Y / N
b.	Lights controlled by occupancy sensors turn on when Immediately upon an occupied condition *OR* (this requirement is mutually exclusive with Step 2.c.)	-	Y / N	Y / N
c.	Sensor indicates space is "occupied" and lights turn on manually	(Y) / N	Y / N	Y / N

continued on next page

CERTIFICATE OF ACCEPTANCE	LTG-2A
Lighting Control Acceptance Document	(Page 3 of 3)

Project Name/Address:
TENANT IMPROVEMENT FOR AMPRY GENETICS - PHASE TWO 15 ARGONAUT ALISO VIEJO, CA

System Name or Identification/Tag:	System Location or Area Served:

Occupant Sensor - Step 3: System returned to initial operating conditions		(Y) / N	Y / N	Y / N
Occupant Sensor - Step 4 - Sensor is also a multi-Level Occupant Sensor used to qualify for a Power Adjustment Factor in Section 146(a)2D of the Standards. If yes, then 'a,' 'b,' and 'c' must also be yes.		(Y) / N	Y / N	Y / N
a.	The first stage activates between 30 to 70% of the lighting either manually or automatically.	(Y) N	Y / N	Y / N
b.	A reasonably uniform level of illuminance is achieved by dimming of all lamps or luminaires; or by switching alternate lamps in luminaires, alternate luminaires, or alternate rows of luminaires.	(Y) N	Y / N	Y / N
c.	After the first stage occurs, manual switches have been provided to activate the alternate set of lights, activate 100% of the lighting power, and manually deactivate all of the lights.	(Y) N	Y / N	Y / N
Manual Daylighting Controls - Step 1: Manual switching control				
a.	At least 50% of lighting power in daylit areas is separately controlled from other lights	Y / N	Y / N	Y / N
b.	The amount of light delivered to the space is uniformly reduced	Y / N	Y / N	Y / N
Manual Daylighting Controls - Step 2: System returned to initial operating conditions		Y / N	Y / N	Y / N
Automatic Time Switch Controls - Step 1: Simulate occupied condition				
a.	All lights can be turned on and off by their respective area control switch	Y / N	Y / N	Y / N
b.	Verify the switch only operates lighting in the ceiling-height partitioned area in which the switch is located	Y / N	Y / N	Y / N
Automatic Time Switch Controls - Step 2: Simulate unoccupied condition				
a.	All non-exempt lighting turn off per Section 131(d)1	Y / N	Y / N	Y / N
b.	Manual override switch allows only the lights in the selected ceiling height partitioned space where the override switch is located, to turn on or remain on until the next scheduled shut off occurs	Y / N	Y / N	Y / N
c.	All non-exempt lighting turns off	Y / N	Y / N	Y / N
Automatic Time Switch Controls - Step 3: System returned to initial operating conditions		Y / N	Y / N	Y / N
Note: Shaded areas do not apply for particular test procedure				

C. PASS / FAIL Evaluation (check one):

☑ PASS: All applicable **Construction Inspection** responses are complete and all applicable **Equipment Testing Requirements** responses are positive (Y - yes)

☐ FAIL: Any applicable **Construction Inspection** responses are incomplete *OR* there is one or more negative (N - no) responses in any applicable **Equipment Testing Requirements** section. Provide explanation below. Use and attach additional pages if necessary.

John Shoemaker

From: BEAUCHAMP, MARGO J [MBeauchamp@ocsd.org]
Sent: Wednesday, December 21, 2011 6:13 PM
To: John Shoemaker
Subject: CPTED Inspection

John,

Today, 12/21/2011, I did the CPTED interior inspection for 15 Argonaut. The interior passes the CPTED inspection. I suggested that Ambry Genetics install a card reader for the first-floor electrical room which is adjacent to an exit door and roll-up door.

Tonight for the nighttime inspection of Ambry Genetics' exterior lighting, more than three-quarters of the wall-mounted exterior lighting and the parking lot lighting were not illuminating the building or parking lot.

I will approve the TC of O for 15 Argonaut, but I would request that all exterior lighting and light poles be operational for another CPTED nighttime inspection either on Thursday, 12/22/2011, or next week.

Also, the exterior lighting and parking lot lighting at 31 Argonaut (S&K Towing) was not illuminating the building or parking lot this evening. I asked the employee Kevin to inform Craig about the lighting not illuminating the areas.

Thank you.

Margo Beauchamp
Crime Prevention Specialist
Aliso Viejo Police Services
Orange County Sheriff's Department
PH: (949) 425-2563
Fax: (949) 425-3899

SUPERIOR
TEST & BALANCE

TEST AND BALANCE REPORT

PROJECT: AMBRY GENETICS

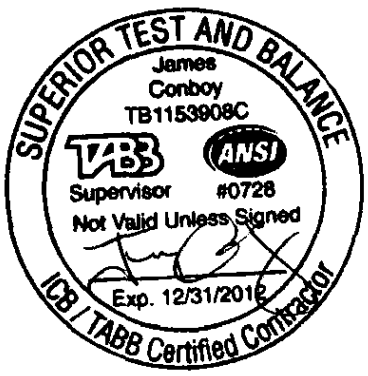
LOCATION: 15 ARGONAUT, ALISO VIEJO, CA 92650

REPORT DATE: NOVEMBER 21, 2011

CONTRACTOR: TURNER & SONS

ARCHITECT: MARK A. GRISAFE AIA

ENGINEER: KRUSIC & ASSOCIATES



840 W LEADORA AVENUE, GLENDORA CA 91741
TEL: 626.771.1012 FAX: 626.963.8258
EMAIL: SUPERIORTAB@GMAIL.COM

Instrumentation:

Digital Manometer	Alnor Balometer EBT-721
FlowHood	Alnor Balometer EBT-722
Tachometer	Jaquet 252
Digital Volt-Amp Meter	Fluke T5-600
Rotating Vein Anemometer	LCA30 VA

Description of Terms:

AK-	Free Area of Register, in square feet
ATM-	Atmospheric Pressure
CD-	Ceiling Diffuser, Supply
CE-	Ceiling Register, Exhaust
CFM-	Cubic Feet per Minute
CR-	Ceiling Register, Return
DD-	Direct Drive motor
FH-	readings taken with FlowHood, no AK factor
FL-	Full Load, Amperage
FPM-	Feet per Minute
GPM-	Gallons per Minute
HP-	Horse Power
LD-	Linear Diffuser, Supply
LR-	Linear Register, Return
N/A-	Not Available or Not Applicable
NL-	Not Listed
OSA-	Outside Air
PSIG-	Pounds per Square Inch, Read by Gauge
RPM-	Revolutions per Minute
SF-	Service Factor, Amperage
SP-	Static Pressure, in Inches of Water
SWE-	Side-Wall Register, Exhaust
SWR-	Side-Wall Register, Return
SWS-	Side-Wall Register, Supply
TP-	Thermally Protected, Amperage
VEL-	Velocity (Feet Per Minute)
ΔP-	Differential Pressure

SUPERIOR
TEST & BALANCE

Fan Test Report

Project: **Ambry Genetics - Aliso Viejo, CA**

	EQUIPMENT DATA			EQUIPMENT DATA			EQUIPMENT DATA		
Unit Name	AC-19			AC-20			AC-21		
Location / Area Served	Roof	2nd Floor		Roof	2nd Floor		Roof	2nd Floor	
Manufacturer / Model	York	XP048		York	XP036		York	XP060	
Serial Number	N1K1326029			N1K1326289			N1G1196060		
Motor Make	Marathon			Marathon			Marathon		
Motor HP / RPM / Frame	1.5	1725	56HZ	1.5	1725	56HZ	1.5	1725	56HZ
Volts / Phase / Hertz	460	3	60	460	3	60	460	3	60
F.L. Amps / S.F.	2.6	1.15		2.6	1.15		2.6	1.15	
Motor Sheave Diam./Bore	VL44 x 7/8"			VL44 x 7/8"			VL44 x 7/8"		
Fan Sheave Diam./Bore	AK56 x 1"			AK64 x 1"			AK56 x 1"		
Belt Size / # of Belts	A36		1	A37		1	A36		1
Sheave Closed %	10%			60%			10%		
Sheaves Center to Center	12 1/2"			12"			12 1/4"		
TEST DATA	**DESIGN**	**ACTUAL**	**DESIGN %**	**DESIGN**	**ACTUAL**	**DESIGN %**	**DESIGN**	**ACTUAL**	**DESIGN %**
Total Fan Airflow	1600	1590	99%	1600	1645	103%	2000	1998	100%
Total Outlet Airflow	1600	1590	99%	1600	1645	103%	2000	1998	100%
Return Airflow	1450	1426	98%	1500	1541	103%	1500	1509	101%
Minimum Outside Air	150	164	109%	100	104	104%	500	489	98%
S.P. Supply / Return		0.54"/0.39"			0.48"/0.38"			0.49"/0.46"	
External S.P.	0.35"	0.93"		0.35"	0.86"		0.35"	0.95"	
Total S.P.	-	1.28"		-	1.16"		-	1.34"	
Fan Speed (RPM)	-	1051	-	-	983	-	-	1062	-
Voltage	460	486/482/481		460	485/483/481		460	486/484/482	
Amperage T1/T2/T3	2.6	2.0/1.9/1.9		2.6	1.9/1.9/1.8		2.6	2.0/2.0/1.9	

NOTES:

SUPERIOR
TEST & BALANCE

Fan Test Report

Project: **Ambry Genetics - Aliso Viejo, CA**

	EQUIPMENT DATA			EQUIPMENT DATA			EQUIPMENT DATA		
Unit Name	**AC-22**								
Location / Area Served	**Roof**	**1st Floor**							
Manufacturer / Model	**York**	**XP090**							
Serial Number	**N1K1314851**								
Motor Make	**Marathon**								
Motor HP / RPM / Frame	**3**	**1725**	**56HZ**						
Volts / Phase / Hertz	**460**	**3**	**60**						
F.L. Amps / S.F.	**4.6**	**1.15**							
Motor Sheave Diam./Bore	**VM50 x 7/8"**								
Fan Sheave Diam./Bore	**AK61 x 1"**								
Belt Size / # of Belts	**A49**		**1**						
Sheave Closed %	**70%**								
Sheaves Center to Center	**17 1/4"**								
TEST DATA	**DESIGN**	**ACTUAL**	**DESIGN %**	**DESIGN**	**ACTUAL**	**DESIGN %**	**DESIGN**	**ACTUAL**	**DESIGN %**
Total Fan Airflow	**3000**	**3015**	**101%**						
Total Outlet Airflow	**3100**	**3015**	**97%**						
Return Airflow	**2475**	**2377**	**96%**						
Minimum Outside Air	**625**	**638**	**102%**						
S.P. Supply / Return		**0.80"/0.67"**							
External S.P.	**0.35"**	**1.47"**							
Total S.P.	-	**1.79"**							
Fan Speed (RPM)	-	**1246**	-						
Voltage	**460**	**480/482/483**							
Amperage T1/T2/T3	**4.6**	**4.4/4.2/4.1**							

NOTES:

SUPERIOR
TEST & BALANCE

Air Outlet Test Report

Project: **Ambry Genetics - Aliso Viejo, CA**

SYSTEM NAME / AREA SERVED	#	TYPE	SIZE	DESIGN AIRFLOW (CFM)	PRELIM AIRFLOW (CFM)	% OF DESIGN	PRELIM AIRFLOW (CFM)	% OF DESIGN	FINAL AIRFLOW (CFM)	% OF DESIGN	NOTE #
AC-19											
RM 233	1	CD	24" x 24"	200	247	124%			190	**95%**	1
RM 232	2	CD	24" x 24"	200	228	114%			200	**100%**	1
RM 231	3	CD	24" x 24"	400	401	100%			415	**104%**	1
RM 234	4	CD	24" x 24"	200	317	159%			194	**97%**	1
RM 235	5	CD	24" x 24"	200	177	89%			190	**95%**	1
RM 236	6	CD	24" x 24"	200	220	110%			199	**100%**	1
RM 237	7	CD	24" x 24"	200	233	117%			202	**101%**	1
				1600	1823	114%			**1590**	**99%**	1
RM 233	R1	CD	24" x 24"	175	236	135%			184	**105%**	1
RM 232	R2	CD	24" x 24"	175	166	95%			171	**98%**	1
RM 231	R3	CD	24" x 24"	400	331	83%			381	**95%**	1
RM 234	R4	CD	24" x 24"	175	226	129%			183	**105%**	1
RM 235	R5	CD	24" x 24"	175	154	88%			172	**98%**	1
RM 236	R6	CD	24" x 24"	175	144	82%			168	**96%**	1
RM 237	R7	CD	24" x 24"	175	139	79%			167	**95%**	1
				1450	1396	96%			**1426**	**98%**	1

NOTES:		
	1	Adjusted fan rpm from 1147 to 1051 following initial readings.
	2	
	3	
Notes correspond to Note # above.	4	

SUPERIOR
TEST & BALANCE

Air Outlet Test Report

Project: **Ambry Genetics - Aliso Viejo, CA**

SYSTEM NAME / AREA SERVED	#	TYPE	SIZE	DESIGN AIRFLOW (CFM)	PRELIM AIRFLOW (CFM)	% OF DESIGN	PRELIM AIRFLOW (CFM)	% OF DESIGN	FINAL AIRFLOW (CFM)	% OF DESIGN	NOTE #
AC-20											
RM 226	1	CD	24" x 24"	200	50	25%			198	**99%**	1
RM 225	2	CD	24" x 24"	200	61	31%			199	**100%**	1
RM 228	3	CD	24" x 24"	400	340	85%			402	**101%**	1
RM 229	4	CD	24" x 24"	400	469	117%			420	**105%**	1
RM 230	5	CD	24" x 24"	400	507	127%			414	**104%**	1
				1600	1427	89%			**1645**	**103%**	1
RM 226	R1	CD	24" x 24"	175	209	119%			184	**105%**	1
RM 225	R2	CD	24" x 24"	175	189	108%			182	**104%**	1
RM 228	R3	CD	24" x 24"	375	316	84%			395	**105%**	1
RM 229	R4	CD	24" x 24"	400	275	69%			395	**99%**	1
RM 230	R5	CD	24" x 24"	375	287	77%			385	**103%**	1
				1500	1276	85%			**1541**	**103%**	1

NOTES:		
	1	
	2	
	3	
Notes correspond to Note # above.	4	

SUPERIOR
TEST & BALANCE

Air Outlet Test Report

Project: **Ambry Genetics - Aliso Viejo, CA**

SYSTEM NAME / AREA SERVED	#	TYPE	SIZE	DESIGN AIRFLOW (CFM)	PRELIM AIRFLOW (CFM)	% OF DESIGN	PRELIM AIRFLOW (CFM)	% OF DESIGN	FINAL AIRFLOW (CFM)	% OF DESIGN	NOTE #
AC-21											
RM 224	1	CD	24" x 24"	335	287	86%	362	108%	349	**104%**	
RM 224	2	CD	24" x 24"	335	312	93%	268	80%	351	**105%**	
RM 224	3	CD	24" x 24"	335	396	118%	335	100%	334	**100%**	
RM 224	4	CD	24" x 24"	335	472	141%	386	115%	322	**96%**	
RM 224	5	CD	24" x 24"	325	548	169%	425	131%	312	**96%**	
RM 224	6	CD	24" x 24"	335	74	22%	474	141%	330	**99%**	
				2000	2089	104%	2250	113%	**1998**	**100%**	
RM 224	R1	CR	24" x 24"	375	423	113%	446	119%	367	**98%**	
RM 224	R2	CR	24" x 24"	375	495	132%	514	137%	393	**105%**	
RM 224	R3	CR	24" x 24"	375	410	109%	430	115%	364	**97%**	
RM 224	R4	CR	24" x 24"	375	434	116%	461	123%	385	**103%**	
				1500	1762	117%	1851	123%	**1509**	**101%**	

NOTES:		
	1	
	2	
	3	
Notes correspond to Note # above.	4	

SUPERIOR
TEST & BALANCE

Air Outlet Test Report

Project: **Ambry Genetics - Aliso Viejo, CA**

SYSTEM NAME / AREA SERVED	#	TYPE	SIZE	DESIGN AIRFLOW (CFM)	PRELIM AIRFLOW (CFM)	% OF DESIGN	PRELIM AIRFLOW (CFM)	% OF DESIGN	FINAL AIRFLOW (CFM)	% OF DESIGN	NOTE #
AC-22											
RM 122	1	CD	24" x 24"	240	224	93%	170	71%	228	**95%**	1
RM 122	2	CD	24" x 24"	240	53	22%	264	110%	229	**95%**	1
RM 122	3	CD	24" x 24"	240	493	205%	364	152%	231	**96%**	1
RM 120	4	CD	6" x 6"	100	233	233%	207	207%	105	**105%**	1
RM 122	5	CD	24" x 24"	240	274	114%	180	75%	252	**105%**	1
RM 122	6	CD	24" x 24"	245	402	164%	264	108%	236	**96%**	1
RM 122	7	CD	24" x 24"	245	66	27%	227	93%	233	**95%**	1
RM 122	8	CD	24" x 24"	245	37	15%	225	92%	235	**96%**	1
RM 122	9	CD	24" x 24"	245	316	129%	214	87%	232	**95%**	1
RM 118	10	CD	8" x 8"	100	132	132%	86	86%	95	**95%**	1
RM 117	11	CD	8" x 8"	100	136	136%	87	87%	102	**102%**	1
Corridor	12	CD	24" x 24"	200	62	31%	191	96%	206	**103%**	1
RM 123	13	CD	24" x 24"	220	64	29%	134	61%	209	**95%**	1
RM 123	14	CD	24" x 24"	220	234	106%	156	71%	210	**95%**	1
RM 123	15	CD	24" x 24"	220	143	65%	185	84%	212	**96%**	1
				3100	2869	93%	2954	95%	**3015**	**97%**	1

NOTES:		
	1	Adjusted fan rpm from 1161 to 1246 following second prelim readings.
	2	
Notes correspond to Note # above.	3	
	4	

SUPERIOR
TEST & BALANCE

Air Outlet Test Report

Project: **Ambry Genetics - Aliso Viejo, CA**

SYSTEM NAME / AREA SERVED	#	TYPE	SIZE	DESIGN AIRFLOW (CFM)	PRELIM AIRFLOW (CFM)	% OF DESIGN	PRELIM AIRFLOW (CFM)	% OF DESIGN	FINAL AIRFLOW (CFM)	% OF DESIGN	NOTE #
AC-22 (Cont.)											
RM 122	1	CR	24" x 24"	315	382	-	421	-	330	-	1,2
RM 122	2	CR	24" x 24"	325	296	-	340	-	341	-	1,2
RM 123	3	CR	24" x 24"	220	211	-	240	-	231	-	1,2
RM 122	4	CR	24" x 24"	325	237	-	282	-	290	-	1,2
RM 122	5	CR	24" x 24"	325	212	-	249	-	275	-	1,2
RM 122	6	CR	24" x 24"	325	173	-	200	-	264	-	1,2
RM 122	7	CR	24" x 24"	325	154	-	175	-	261	-	1,2
RM 123	8	CR	24" x 24"	220	96	-	108	-	189	-	1,2
RM 123	9	CR	24" x 24"	220	143	-	167	-	196	-	1,2
				2600	1904	-	2182	-	**2377**	-	1,2

NOTES:	1	Balanced returns to a return total of 2475 CFM to allow minimum OSA requirement of 625 CFM.
	2	Adjusted fan rpm from 1161 to 1246 following second prelim readings.
Notes correspond to Note # above.	3	

TESTING, ADJUSTING AND BALANCING BUREAU

THE PROFESSIONAL'S CHOICE℠

This certifies that

Superior Test and Balance

has completed the requirements of certification as a

Testing, Adjusting and Balancing Contractor

on

October 29, 2010

Michael J. Sullivan
Labor Co-Chairman

Roy Ringwood
ICB Co-Chairman

TB1153908C
Certification No.

Energy Management Institute Established 1983 NOMIC District of Columbia National Committee

Robert J. M...
Management Co-Chairman

Howard Stine
ICB Co-Chairman

December 31, 2012
Expiration Date

8

STATE OF CALIFORNIA

Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code
and the Rules and Regulations of the Contractors State License Board,
the Registrar of Contractors does hereby issue this license to:

PARAGON INCORPORATED *dba* SUPERIOR TEST AND BALANCE

to engage in the business or act in the capacity of a contractor
in the following classification(s):

D62 - AIR AND WATER BALANCING

Witness my hand and seal this day,

March 7, 2008

Issued March 6, 2008

Stephen P. Sands
Registrar of Contractors

911916

License Number

This license is the property of the Registrar of Contractors, is not transferrable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason. It becomes void if not renewed.

9

11-24 REV 12-07 OSP 07 105460

City of Aliso Viejo

Building and Safety Division
12 Journey, Suite 100
Aliso Viejo, CA 92656
P: (949) 425-2540
F: (949) 425-3899

APPLICATION FOR BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY

Inspection request line 949-425-2545

Job Information
Street Address: 15 ARGONAUT
Apt/Ste: _____ Lot: _____ APN: _____
Tract: _____ Cross St: _____

Applicant: MARK GRISAFE
Street Address: 5618 E. CONANT SST
City: LONG BEACH Zip: 90808
State: CA Phone: (562) 420-1035 Cell: _____

Owner: AICI, LLC
Street Address: 2321 ROSECRANS AVE
City: EL SEGUNDO Zip: 90245
State: CA Phone: (310) 725-0006 Cell: _____

Eng/Arch: MARK GRISAFE
Phone: (562) 420-1035 License #: C28845

LICENSED CONTRACTORS DECLARATION
I HEREBY CLAIM, UNDER PENALTY OF PERJURY, THE FOLLOWING STATEMENT: THAT I AM LICENSED UNDER PROVISIONS OF CHAPTER 9 COMMENCING WITH SECTION 7000 OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND AT THIS TIME MY CONTRACTORS LICENSE IS CURRENT, ACTIVE AND IN FULL FORCE.

Contractor: R AND C ELECTRICAL CONTRACTORS
Street Address: 21113 JUAN AVE
City: HAWAIIAN GARDENS Zip: 90716
State: CA Phone: (562) 860-3430 Cell: _____
LIC. #: 904308 Exp. Date: 10/31/2011 CLASS: B, C10

CONTRACTOR TO PROVIDE ACCESS TO ROOF & ATTIC

WORKERS' COMPENSATION DECLARATION
I HEREBY CLAIM, UNDER PENALTY OF PERJURY, ONE OF THE FOLLOWING STATEMENT:
☐ I HAVE AND WILL MAINTAIN A CERTIFICATE OF CONSENT TO SELF INSURE FOR WORKERS COMPENSATION, AS PROVIDED FOR BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED.
☒ I HAVE AND WILL MAINTAIN COMPENSATION INSURANCE AS REQUIRED BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK WHICH THIS PERMIT IS ISSUED.

Workers' Compensation Carrier	Policy #	Exp. Date
SOUTHERN INS CO	WSI0029363	9/10/2011

CERTIFICATE OF WORKERS COMPENSATION EXEMPTION
(THIS SECTION NEED NOT BE COMPLETED IF WORK IS $500 OR LESS)
☐ I CERTIFY UNDER PENALTY OF PERJURY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, THAT I SHALL NOT EMPLOY ANY PERSON IN A MANNER SO AS TO BECOME SUBJECT TO THE WORKERS COMPENSATION LAWS OF CALIFORNIA, AND AGREE THAT IF I SHOULD BECOME SUBJECT TO THE WORKERS COMPENSATION PROVISIONS OF SECTION 3700 OF THE LABOR CODE THAT I SHALL FORWITH COMPLY WITH THOSE PROVISIONS.
Warning: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars ($100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest, and attorney's fees.

OWNER BUILDER DECLARATION
I AM EXEMPT FROM THE CONTRACTORS LICENSE LAW FOR THE FOLLOWING REASON:
☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYEES WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED FOR, OR OFFERED FOR SALE (SECTION 7044, OF THE BUSINESS AND PROFESSIONS CODE)
☐ I, AS OWNER OF THE PROPERTY AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO COMPLETE THE PERMITTED PROJECT UNDER THE PROVISIONS OF SECTION 7044, OF THE BUSINESS & PROFESSIONS CODE.

I certify that I have read this application and state that the above information is correct, and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of the City of Aliso Viejo to enter upon the above mentioned property for inspection purposes.

Signature of Applicant or Agent

Brien Bohler 9-7-11
Print Applicant's/Agent's Name Date

Permit Number	Plan Review No.:
68318	68318

The following work is authorized by this permit
☒ Structural ☒ Plumbing ☒ Electrical ☒ Mechanical

Type of Project
☐ New ☐ Addition ☐ Occupancy Permit
☐ Alteration ☐ Demolition
☐ Repair ☒ Tenant Improvement

	Sq.Ft.		Sq.Ft.
NEW MEZZANINE	4407		
TI	4407		

Zoning Approved By: J. LOWE

Remarks/Special Conditions/Project Description
PERMIT TENANT IMPROVEMENT PHASE 2 FOR AMBRY GENETICS. BUILD NEW 2ND FL MEZZANINE 4407 SF WITH NEW OFFICES AND RESTROOMS BELOW. NEW HVAC SYSTEM AT ROOF TOP. MEP PERMITS ARE INCLUDED.

TENANT: AMBRY GENETICS
C&D APPROVED UNDER PERMIT 68254

4/6/12

This permit shall expire if the building or work authorized by such permit is suspended or abandoned for a period of 180 days.

All work shall conform to the 2010 C.B.C., 2010 C.M.C., 2010 C.P.C. and the 2010 C.E.C.

Group/Division/Type	High Fire Hazard
B/S, IIIB	☐ Yes ☐ No
Valuation	**Fire Sprinklers**
$355,204.00	☒ Yes ☐ No

Structural	$2,409.98
Electrical	$100.84
Mechanical	$47.36
Plumbing	$52.57
Plan check	
Issuance	$69.32
Microfilm	$80.00
Water Quality	
Total City Fee Due	$2,680.07
Seismic Fee	$74.59
SB 1473	$15.00
Total Amount Paid	$2,849.66

Issuance Approved Joanna Stevens

Date Issued	Receipt Number
Wed, Sep 7, 2011	13075

Permit Number: 68318

CONSTRUCTION AND PLANNING APPROVALS Permit #_____	Date	Insp.
1. Temporary Electrical Service or Pole		
2. Soil Pipe--Underground	9/21/11	JCS
3. Water Pipe--Underground / Underslab		
4. Water Service		
5. Property Sewer / House Connection		
6. Electrical Conduit--Underground		
7. Gas Line Underground & Test		
8. Footings & Steel Ufer ☐	9/9/11	JCS
9. Foundation--Slab on Grade	9/26/11	JCS
10. Retaining Wall Footing		
11. Pre--Grout ☐ Drainage ☐		
12. Gas Pipe-Underground & Test		
13. Rough Plumbg./Top Out/Shower Pan	10/26/11	JCS
14. Roof Drains & Overflows		
15. Rough Electrical--Conduit walls OK	11/2/11	JCS
16. Rough Electrical Wiring 10/26/11 JCS		
17. Rough Heating & Air Conditioning	11/2/11	JCS
18. Rough Factory Fireplace		
19. Ducts, Ventilating Bdrooms 10/26/11 JCS		
20. Fire Dampers		
21. Floor Sheathing		
22. Roof Sheathing		
23. Roof Framing		
24. Approved to Cover Exterior		
25. Rough Frame and Flashing	10/26/11	JCS
26. "T" Bar Ceiling/Elect./Mechanical	11/7/11	JCS
27. Insulation walls 10/26/11 JCS		
28. Lathing ☐ Interior ☐ Exterior		
29. Drywall Nailing	11/10/11	JCS
30. Electric Power Meter Final		
31. Final Electric		
32. Final Sign		
33. Hood or Canopy Final		
34. Final Factory Fireplace		
35. Final Mechanical		
36. Final Plumbing		
37. Water Service Final/Release		
38. Gas Final Including Connectors		
39. Solar Domestic--Final		
40. Re-roof Final		
41. Retaining Wall Final		
42. Handicap Regulations		
43. Landscape Final		
44. Zoining--Final		
45. Engineering--Final		
46. Health--Final		
47. Final Structure & Building		
48. Gas Release		
49. Electric Release		
***Inspector's Initials & Name		

POOL AND SPA APPROVALS Permit #_____	Date	Insp.
1. Pool & Equipment Location		
2. Steel Reinforcement		
3. Electrical Bonding		
4. Rough Plumbing & Pressure Test		
5. APPROVAL TO COVER--GUNITE		
6. Electrical Conduit--Underground		
7. Gas Pipe, ☐ Underground, Test		
8. Backwash Lines, P-Trap, ☐ Und.		
9. Backwash & Receptor--Final		
10. Fencing and Access Approval		
11. APPROVED FOR PLASTERING		
12. Heater & Vent--Final		
13. Plumbing System--Final		
14. Electrical--Final		
15. Solar System--Final		
16. POOL / SPA SYSTEM FINAL		

FIRE DEPT. REQUIREMENT APPROVALS Permit #_____	Date	Insp.
1. UNDERGROUND HYDRO		
2. PRODUCT PIPING ☐ GAS ☐ OIL		
3. UNDERGROUND FLUSH		
4. UND. STRG. TANK ☐ GAS ☐ OIL		
5. OVERHEAD HYDRO		
6. DRY CHEMICAL		
7. DRY STANDPIPE		
8. FIXED SYSTEM FINAL		
9. FIRE PREVENTION FINAL		

NOTES:

I, AS THE CONTRACTOR, HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT I AM A CERTIFIED HOME IMPROVEMENT CONTRACTOR UNDER THE PROVISIONS OF SECTIONS 7150 AND 7151 OF THE STATE OF CALIFORNIA BUSINESS AND PROFESSIONS CODE.

DATE:_____ **CONTRACTOR:**_____

Prem framing, floor nail & shear wall framing ok 10/26/11 JCS

1st fire T-BAR OK 11/14/11 JCS

CITY OF ALISO VIEJO
Community Development Department
12 Journey Suite 100
Aliso Viejo, CA 92656
Phone: (949) 425-2540

ROAD FEE WORKSHEET

DATE: 9/1/11 PLAN CHECK# 68318

PROJECT ADDRESS: 15 Argonaut

PROJECT NAME: Amboy Genetics

PREPARED BY: JOANNA STEVENS

SAN JOAQUIN HILL TRANSPORTATION CORRIDOR AGENCY
SJHTC-A (Make check payable to: City of Aliso Viejo)

SFD _____ units X $ _____ p/unit = $ _____

MFD _____ units X $ _____ p/unit = $ _____

COMM 4407 sq ft X $ 6.23 p/sqft = $ $ 27,455.61

COASTAL AREA ROAD IMPROVEMENTS AND TRAFFIC SIGNALS (CARITS):
ZONE 2D (Make check payable to the City of Aliso Viejo)

SFD _____ units X $ _____ p/unit = $ _____

MFD _____ units X $ _____ p/unit = $ _____

COMM 4407 sq ft X $ 1.576 p/sqft = $ $ 6,945.43

MOULTON PARKWAY (Make check payable to the City of Aliso Viejo)

SFD _____ units X $ _____ p/unit = $ _____

MFD _____ units X $ _____ p/unit = $ _____

COMM 4407 sq ft X $ .714 p/sqft = $ $ 3,14660

COMMENTS: _____

CITY OF ALISO VIEJO - PERMIT / PLAN REVIEW APPLICATION

JOB ADDRESS: 15 ARGONAUT **APN#/TRACT#/LOT# :**

APPLICANT'S NAME: MARK A. GRISAFE

ADDRESS: 5618 E. CONANT ST. CITY: LONG BEACH ZIP CODE: 90808

PHONE NUMBER: (562) 420-1035

PROPERTY OWNER'S NAME: AICI LLC

ADDRESS: 2321 ROSECRANS #E 2230 CITY: EL SEGUNDO ZIP CODE: 90245

PHONE NUMBER: 310 725-0006

NAME OF BUSINESS TO OCCUPY BUILDING/SPACE: AMBRIT

ARCH./ENGINEER: M GRISAFE ARCHITECT (SEE ATT.)

ADDRESS: CITY: ZIP CODE:

LICENSE NUMBER: PHONE NUMBER:

CONTRACTOR'S NAME: PHONE NUMBER:

ADDRESS: CITY: ZIP CODE:

CONT. LICENSE CLASS / NUMBER: EXP. DATE:

WRITTEN DESCRIPTION OF WORK: SQUARE FOOTAGE: 4,401 NEW

TENANT IMPROVEMENT TO EXIST. BUILDING INCLUDING NEW 2ND FLR. MEZZANINE W/ NEW OFFICES & RESTROOMS BELOW. NEW HVAC SYSTEM @ ROOF TOP - REFER TO PREVIOUS SUBMITTAL FOR PHASE I

OCCUPANCY: B/S **OCCUPANT LOAD:** **TYPE OF CONSTRUCTION:** V-B **SPRINKLERED?** (YES) / NO

VALUATION OF JOB: $ 200,000 = $ 355,204

PUBLIC WORKS SCREENING QUESTIONS

LANDSCAPE PERMIT

DOES THIS PROJECT INCLUDE NEW LANDSCAPE OR LANDSCAPE RENOVATIONS FOR:	YES	NO
RESIDENTIAL PROJECTS – 5,000 SF AREA OR MORE?		✓
COMMERCIAL/HOA/PROPERTY MGMT PROJECTS – 2,500 SF AREA OR MORE?		✓

IF YES TO EITHER QUESTION, LANDSCAPE PERMIT IS REQUIRED

WATER QUALITY PERMIT	YES	NO
DOES THIS PROJECT REQUIRE ANY MOVEMENT OF SOIL?		✓
DOES THIS PROJECT REQUIRE ANY OUTSIDE STORAGE OF MATERIALS?		✓

IF YES TO EITHER QUESTION, WATER QUALITY PERMIT IS REQUIRED

CONSTRUCTION AND DEMOLITION (C&D) PERMIT	YES	NO
DOES THIS PROJECT INVOLVE MORE THAN 5,000 SF?		
IS THE TOTAL VALUE OF THE PROJECT $50,000 OR MORE?	✓	

IF YES TO EITHER QUESTION, C&D PERMIT IS REQUIRED

WATER POLLUTION PREVENTION	YES	NO
DOES THIS PROJECT INCLUDE ONE ACRE OR MORE OF DISTURBED SOIL?		✓

IF YES, STORM WATER POLLUTION PREVENTION PLAN (SWPPP, STATE) IS REQUIRED

	YES	NO
IS THIS A NON-RESIDENTIAL PROJECT THAT INCLUDES LESS THAN ONE ACRE OF DISTURBED SOIL?		

IF YES, WATER POLLUTION CONTROL PLAN (WPCP, CITY) IS REQUIRED

✓ SIGNATURE OF APPLICANT OR AGENT:

OFFICE USE ONLY DO NOT WRITE BELOW THIS LINE

Plan Check	1566.48	Plumbing	
Building	2409.98	Electrical	
Issuance		Mechanical	
Scanning		SMIP	
General Plan Maintenance	497.93	SB 1473	
Planning		CPTED	420.00
Other:			

APPROVED TO SUBMIT PER PLANNING: _____

Revised 01-03-11

CITY OF ALISO VIEJO
MECHANICAL, ELECTRICAL, AND PLUMBING TAKE OFF SHEET

MECHANICAL UNIT FEE SCHEDULE

QTY	ITEM	FEE	QTY	ITEM	FEE
	FORCED AIR GRAVITY FAU DUCTS UP TO 100,000 BTUS		4	AIR HANDLING UNIT < = 5,000 CFM	
	OVER 100,000 BTUS			AIR HANDLING UNIT > 5,000 CFM	
	EVAPORATIVE COOLER			INSTALLATION REPAIR ALTERATION RELOCATION OR ADD TO EA. BOILER OR COMPRESSOR OR ABSORPTION SYSTEM	
	COMMERCIAL VENTILATING FAN				
	COMMERCIAL VENTILATING SYSTEM		1	< = HP OR 100,000 BTUS	
	EXHAUST HOOD W/ FANS / DUCTS			> 5 HP OR 100,000 BTUS	
	RES INCINERATOR NEW / RELOCATE			INSTALLATION/REPLACEMENT OF AIR	
	COMM INCINERATOR NEW / RELOCATE			CONDITIONING OF HEAT PUMPS	
	REHEAT/COOLING COIL/STRIP HTR			< = 5,000 TONS/HP	
	INCIDENTAL GAS PIPING			> 5 TONS/HP	
	FLOOR WALL OR SUSPENDED HEATERS			OTHER:	
	APPLIANCE VENTS				
	REPAIR / ALT TO EA HTG APPLIANCE REFRIGERATION UNIT, COMFORT COOLING UNIT, ABSORPTION UNIT, OR EA COMFORT HTG / COOLING ABSORPTION OR EVAPORATIVE COOLING SYST. INCL. REGIST. GRILLS				

PLUMBING UNIT FEE SCHEDULE

QTY	ITEM	FEE	QTY	ITEM	FEE
7	PER FIXTURE-SINK, TOILET, DISPOSAL WTR HEATER, DISHWASHER, SOFTNER RAINWATER SYSTEM (PER DRAIN) ALT OR REPAIR OF PIPING OR TREATMENT SYSTEM		6	TEMPORARY SERVICE COMMERCIAL	
			1	GAS PIPING-OUTLETS 1-5	
				EACH ADDITIONAL	
				CARBON DIOXIDE SYSTEM	
	BUILDING SEWER			**SPRINKLER SYSTEM (PER METER)**	
	PRE-INVESTIGATE PRIVATE SEWER			RESIDENTIAL	
	PRIVATE SEWER			COMMERCIAL	
	SEEPAGE PIT,SEPTIC TANK,SEWER CAP OR DRAINAGE FIELD			STANDPIPES (ANY COMBINATION)	
				SPRINKLER SYSTEM ALTERATION	
	VACCUUM BREAKERS BACKFLOW DEVICES OR FIXTURES ON TANK/VATS 1-5 DEVICES			**YARD PIPING, UNDER GROUND SPRINKLER OR YARD PIPING, ALTERATIONS ONLY, NOT COMPLETE SYSTEM COMPLETE DISTRIBUTION (PER 1,000)**	
	EACH ADDITIONAL			YARD GAS SYSTEM	
	INDUSTRIAL WASTE PRETREATMENT			YARD WASTE SYSTEM	
	GAS REGULATOR (EACH)			YARD COLLECTION SYSTEM	
	TEMPORARY SERVICE RESIDENTIAL			OTHER:	

ELECTRICAL UNIT FEE SCHEDULE

QTY	ITEM	FEE	QTY	ITEM	FEE
	SERVICE METER			SWITCHBOARD >600 VOLTS EACH ADDIT.	
	ANNUAL ELECTRICAL PERMIT			SERVICE/SWITCHBOARD<=600 VOLTS	
	SELF CONTAINED WIRED APPLIANCE			600 AMPS OR LESS	
	BUSWAYS FOR TROLLYS AND PLUGINS TYPE BUSWAYS EA 100 OR FRACTION			601-1000 AMPS	
				1001- AND GREATER	
	POWER APPARATUS (HP,KW,KVA)			OVER 600 VOLTS, ALL LAMPS	
	LESS THAN AND EQUAL TO 1			RELOCATION OF RESIDENTIAL SERVICE	
	1 UP TO AND EQUAL T 10			PRELOWERING	
	FROM 10 TO AND EQUAL TO 50			INSPECTION PER 10 SQFT	
	FROM 50 AND INCLUSIVE OF 100			GARAGE CARPORT PER 100 SQFT	
	OVER 100			PRELOWERING INSPEC. FOR COMMERCIAL	
	RADIANT CEILING HEAT PER ROOM			ALL OTHER INSPECTION SEE TABLE	
	FIXTURES AND OUTLETS FIRST 20 (EACH)		136	**TEMPORARY POWER LIGHTING** SERVICE	
	ADDITIONAL (EACH)			RESIDENTIAL WORK SERVICE	
	5 OF MULTIPLE OUTLET STRIP			COMMERCIAL WORK SERVICE	
	MULTIPLE APPLIANCE OUTLET ASSEMB.			PEDESTALS, PIGGYBACK, POLES (EACH)	
	POL MOUNTED VAPOR FIXTURE			CONST. POLE (EACH NO POWER)	
	ADDITNL FIXTURES ON SINGLE POLE			CONST. LIGHTING <=500 LAMPS	
	LAMP HOLDING DEVICES 1 – 20 (EACH)			CONST. LIGHTING >500 LAMPS	
	NEXT 200 (EACH)			**SIGNAGE (INCLUDES GAS TUBE TYPE)**	
	EACH ADDITIONAL			ONE SIGN & TRANSFORMER	
	FLASHER / TIME CLOCK			EACH ADDITIONAL SAME BUILDING	
	SERVICES PEDESTAL			EA EXTRA TRANSFORMER FLASHER TIMER EA ADDIT. SIGN/TRANS SAME LOT	
	SUBPANEL		0	MOVE EACH SIGN/TRANS	
	SWITCHBOARD<600 VOLTS FIRST SECTION			ALTERING CHANGING LETTERING	
	SWITCHBOARD <600 VOLTS EACH ADDIT.			CONVERTING SIGN OR DECORATVE TUBING	
	SWITCHBOARD >600 VOLTS FIRST SECTION			OTHER:	

CONTROL SHEET
CHECK LIST FOR APPROVALS REQUIRED FOR PLAN REVIEW

The following departments and agencies must approve the project in order to obtain a building permit.

PLAN REVIEW NO. 6831Y ADDRESS: 15 Argonaut

Reviewing Agency	Required	Waived	Approved
1. Planning Division	✓		✓
2. Crime Prevention Through Env. Design	✓		✓
3. Letter of Authorization from Landord	✓		✓
4. Letter of intent (commercial TI's)	✓		✓
5. Non-Structural Review	✓		FOR
6. Structural Review	✓		CAM
7. City Engineering Review			
8. City Landscaping Review			
9. Grading Release			
10. Residential Fire Questionnaire			
11. Comm. Alt. Questionnaire	✓		✓
12. Fire Department Review	✓	✓ plat attached email	
13. AQMD Permit			
14. Environmental Health	✓		
15. Water District Will Serve Letter			✓
16. Water Quality / NPDES			
17. Construction Waste & Demolition	✓		✓
18. Home Owners Association **(SUB & AVCA)**			
19. Other _____			

FEES AND MISCELLANEOUS

1 Transportation Corridor Fees	✓		✓
2. School Fees	✓		✓
3. Planning Plan Check Fees	✓		✓
4. Development Impact Fees (Planning)			
5. Other _____			

NOTIFICATIONS			**INITIAL**	**DATE**
Notified Arch./Contr./Other	Ready to Iss.	(Correct)	✓	8/12/19
Notified Arch./Contr./Other	(Ready to Iss.)	Correct	✓	9/1/19
Notified Arch./Contr./Other	~~Ready to Iss~~	Correct		
Notified Arch./Contr./Other	Ready to Iss	Correct		
Notified Arch./Contr./Other	Ready to Iss	Correct		
Notified Arch./Contr./Other	Ready to Iss	Correct		

Contact Person: MARK GRISAFE

Phone Number: (562) 420-1035

Capistrano Unified School District

COMMERCIAL/INDUSTRIAL PROJEC
CERTIFICATE OF COMPLIANCE
Developer Fee Program

DATE SUBMITTED: 9/6/2011
RECEIPT NO: N/A
DATEPAID: 9/6/2011
CHECK NO: N/A
SCHOOL DIST. NO: 6243
GRID CODE:

Project Name: AICI, LLC

Address: 15 ARGONAUT (Street) ALISO VIEJO, CA (Community, ST) 92656 (Zip)

Project Applicant: SAME

Phone: 310/725-0006

Applicant Address: (Street) (Community, ST) (ZIP)

Project Tract Map No.: Assessor Parcel No.(s): 623-093-10/623-093-1

Lot No(s):

Comments: NOT SUBJECT TO DEVELOPER FEES. THIS PROJECT WILL PAY MELLO-ROOS TAXES.

(Do not write below this line -- for School District staff use)

STATUS OF PROJECT

Project is charged fees under Government Code Section 65995
Applicant is hereby noticed that any party filing a protest regarding the imposition of fees pursuant to Government Code Section 53080 must do so within 90 days from the payment of the fee.

Enclosed and Covered Area: 4407 x Rate: $0.00 = FEE: $0.00

Number of Buildings: 1

School District Signature: Karla DalleTorre Date: 9/6/2011
Ron Lebs

Title: Deputy Superintendent

Preview/Reprint

Permit Tech

From: Bass, Kevin [KevinBass@ocfa.org]
Sent: Tuesday, August 30, 2011 1:36 PM
To: Permit Tech
Cc: Mark Grisafe; Ted Halsey
Subject: RE: 15 Argonaut

OCFA waiver OCFA did review plans in the end see SR # 179263

Thanks Joanna for reminding me about the OCFA plan review process. I'm a bit rusty since I'm in another fire prevention section and not involved with the planning side of these projects. Please accept this email as OCFA's waiver to allow for the issuance of building permits connected with this project. If you need any additional information or direction, feel free to call/email me.

Kevin Bass
Assistant Fire Marshal
OCFA Fire Prevention
(949) 347-2242

-----Original Message-----
From: Permit Tech [mailto:permittech@cityofalisoviejo.com]
Sent: Tuesday, August 30, 2011 12:51 PM
To: Bass, Kevin
Cc: Mark Grisafe; Ted Halsey
Subject: RE: 15 Argonaut

Hi Kevin,

Our standard procedure for plan check submittals is to have the customer fill out a variety of screening forms to determine what agency will need to review and approve the project.

In this case the customer answered yes to OCFA's screening from question No.1 "Construction of a new bldg, new story, or increase the footprint....", which triggered the city to require OCFA approval. When scenarios like this happen where the answer is a yes but OCFA determines a review is not required, that's when we require something in writing waiving the review. Does that make sense?

Having said that, I can accept this email as OCFA's acknowledgment of the project and determination that an "architectural" review is not required.

Feel free to contact me if you have any questions. I'm here from 7:30 am to 12pm Monday - Friday, closed every other Friday.

Thank you,
Joanna

-----Original Message-----
From: Bass, Kevin [mailto:KevinBass@ocfa.org]
Sent: Tuesday, August 30, 2011 12:09 PM
To: Permit Tech
Cc: 'Mark Grisafe'
Subject: FW: 15 Argonaut

Hi Joanna,
If you look below to the email string, you'll see the OCFA's plan reviewers' comments on the subject of OCFA approval for issuance of a building permit for TI's to a B occupancy. It looks like the plan submittal criteria form at the city would be sufficient for OCFA approval if all answers are "no". If this won't do, can you give me a call at my office after lunch? I should be back in the office about 1:30 p.m. Thanks, Kevin

Kevin Bass
Assistant Fire Marshal
OCFA Fire Prevention
(949) 347-2242

-----Original Message-----
From: Pivaroff, Lynne
Sent: Tuesday, August 30, 2011 11:40 AM
To: Elmer, Eric; Bass, Kevin
Cc: Colmenares, Ruben
Subject: RE: 15 Argonaut

Thanks Eric.

-----Original Message-----
From: Elmer, Eric
Sent: Tuesday, August 30, 2011 11:29 AM
To: Bass, Kevin
Cc: Pivaroff, Lynne; Colmenares, Ruben
Subject: RE: 15 Argonaut

Lynne's right. If the city needs something in writing though, I would recommend that the applicant fill out a plan submittal criteria form. If they answer no to all the questions, the city can accept that as a waiver for OCFA review.

ERIC ELMER, FIRE PREVENTION ANALYST Orange County Fire Authority| Planning & Development Services ericelmer@ocfa.org 1 P. 714.573.6118 1 F. 714.368.8843
Mailing: P.O. Box 57115 | Irvine, CA 92602

Smoke Alarms & Fire Sprinklers Save Lives. Visit ocfa.org to learn more about reducing your fire risk.

-----Original Message-----
From: Pivaroff, Lynne
Sent: Tuesday, August 30, 2011 11:20 AM
To: Bass, Kevin; Colmenares, Ruben
Cc: Elmer, Eric
Subject: RE: 15 Argonaut

Hi Kevin,
The mezzanine is a Building call. We wouldn't hold up building permits. All we care about is the sprinkler T.I. plans to be submitted before they cover up the sprinkler pipe.

-----Original Message-----
From: Bass, Kevin
Sent: Tuesday, August 30, 2011 11:05 AM
To: Colmenares, Ruben; Pivaroff, Lynne
Subject: FW: 15 Argonaut

Ruben and Lynne,
The project is a TI for a B occupancy with no permits or hazardous materials over threshold amounts. A sprinkler plan will be required since they are constructing a mezzanine, but that should be it. What I'm confused about is the waiver for the city to allow this project to go forward. Have we (OCFA) done this in the past with a city building department to allow issuance of building permits? Any help would be appreciated.
Thanks, Kevin

-----Original Message-----
From: Mark Grisafe [mailto:mark@mgrisafearchitect.com]
Sent: Tuesday, August 30, 2011 10:43 AM
To: Bass, Kevin
Cc: Permit Tech
Subject: FW: 15 Argonaut

Hi Kevin-

Can you send Joanna at the City of Aliso Viejo an e-mail per her comment below?

Thanks!
Mark

------ Forwarded Message
From: Permit Tech <permittech@cityofalisoviejo.com>
Date: Tue, 30 Aug 2011 08:43:26 -0700
To: Mark Grisafe <mark@mgrisafearchitect.com>
Cc: Rob Maingot <Rob@randccontracting.com>, Brien Bohler <brien@randccontracting.com>, Ted Halsey <thalsey@cityofalisoviejo.com>
Conversation: 15 Argonaut
Subject: RE: 15 Argonaut

Hi Mark,

I talked to Ted this morning regarding your resubmital and he had no issues with the changes you made to the plans; however, I do have to send the structural out for recheck. It should be no more than 5 business days for review.

Regarding OCFA, you are correct in the fact that fire sprinklers are a separate submittal/permit; therefore it won't hold up your permit.
However, what we need in order to release the permit is an approval or waiver for the mezzanine and TI work. An email from Kevin waiving the review would be fine.

If you have any questions feel free to contact me.

Thank you,
Joanna

-----Original Message-----
From: Mark Grisafe [mailto:mark@mgrisafearchitect.com]
Sent: Monday, August 29, 2011 1:59 PM
To: Permit Tech
Cc: Rob Maingot; Brien Bohler
Subject: 15 Argonaut

Hi Joanna-

Once Ted has had an opportunity to review and approve the drawings I dropped off today please let me know.

You mentioned that one outstanding item was the OFCA approval. I spoke to Kevin at OFCA. He wanted to make sure that the sprinklers were a deferred submittal, which we have indicated they are. He said in that case, he would defer to Ted as to issuance of a Permit and so OFCA review shouldn't hold up permit issuance.

Regards,

--
Mark Grisafe, AIA
5618 E. Conant Street
Long Beach CA 90808
P:562-420-1035
F:562-683-0440

------ End of Forwarded Message

CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN (CPTED)

Project Number: _____

Plan Check No.: 68318

Submittal Date: 7/26/2011

Receipt No.: 12918

Inspection Required: YES

PC Hours: 1 HR PLAN REVIEW & FUTURE INSPECTION

CONDUCTED BY

MARGO BEAUCHAMP
CRIME PREVENTION SPECIALIST
(949) 425-2563 *phone* (949) 425-3899 *facsimile*
mbeauchamp@cityofalisoviejo.com

CONDITIONED UPON INSPECTION OF NIGHT & EMERGENCY LIGHTING, PER DISCUSSION ON 8/15/2011 WITH M. GRISAFE

	Status	Date
1st Review	Approved/Corrections	
2nd Review	Approved/Corrections	
3rd Review	Approved/Corrections	

GENERAL INFORMATION

Project Name: AMBRY GENETICS

Proposal: New Addition Tenant Improvement ✓ 2ND FLOOR MEZZANINE, OFFICES, RESTROOMS

Address: 15 ARGONAUT

Contact: MARK GRISAFE Phone: (562) 420-1035 Fax/Email: _____

TYPE OF STRUCTURE

☐ Commercial Building ☐ Parking Structure ☐ Residential Building(s)

☐ Open Space/Recreation ☐ Other _____

SITE INFORMATION

☐ Lot Size _____

☐ Dimensions _____ (width) _____ (depth)

☐ Lot Coverage _____%

☐ Landscape Coverage _____%

☐ Tenant Space Size _____ ☐ Building Height _____

Moulton Niguel Water
WATER QUALITY AND SERVICE ARE #1

August 8, 2011

City of Aliso Viejo
12 Journey, Suite 100
Aliso Viejo, CA 92656

Attention: Joanna Stevens

Regarding: Ambry Genetics
15 Argonaut
(Phase 2)

Dear Ms. Stevens:

This letter serves as notice that the Moulton Niguel Water District (MNWD) will serve water and sanitary sewer to the above subject development. This project is completely within MNWD boundaries. MNWD staff has determined that there is no need for grease intercepting facilities. This indication of MNWD's ability to serve the above-referenced project is conditioned upon the payment of all applicable fees.

The availability of water services is subject to the suppliers of water to MNWD continuing to honor their contractual obligation relative to the amount of water to be supplied. MNWD can make no representations as to the future intention of said suppliers in this regard.

Sincerely,

MOULTON NIGUEL WATER DISTRICT

Mark H. Mountford, P.E.
Associate Engineer

MHM:jc

cc: Paul Schmidtbauer, SOCWA

G:\WILLSERV\willserveAmbryGenetics-Phase 2.doc

a public agency at:
27500 La Paz Road, Laguna Niguel, CA 92677-3489
Mailing Address: P.O. Box 30203, Laguna Niguel, CA 92607-0203
949/425-3532 FAX 949/643-2489

mg GRISAFE ARCHITECT

TRANSMITTAL

TO:	CITY OF ALISO VIEJO 12 Journey, Suite 100 Phone: 949-425-2526 Attn: Jennifer Lowe, Assoc. Planner
FROM:	Mark Grisafe
DATE:	July 26, 2011
REGARDING:	**15 Argonaut – CUP Description Letter**
VIA:	E-Mail
COPY:	File

Dear Jennifer

Ambry Genetics is a testing lab with offices, currently residing in the City of Aliso Viejo. As their operations have expanded, they require additional space. They have agreed to relocate to 15 Argonaut – also in the City of Aliso Viejo.

This new, larger facility, previously occupied by a memory chip company, had a similar business model which allows Ambry a cost effective and relatively seamless expansion. It can also better accommodate their current and anticipated needs and it allows Ambry the chance to remain in the City of Aliso Viejo.

Reviewing City guidelines, we understand that Ambry is considered generally a dry lab with a minimal wet lab component.

Below is a description of the lab spaces of this project:

105 – R&D 2,954 s.f. (dry lab) – Use of small tubes and plates with micro-liter sized reactions. Various sequencing reactions and sample preps for next generation sequencing.

107A,B,C – Test & Test Storage 1,092 s.f. & 491 s.f. (Future R&D dry lab)– for future expansion, no work going on in any of the 3 areas.

112 – Sequence (dry lab) - 1,053 s.f.- Samples are loaded onto various sequencing platforms using either sequencing plates or flow-cells (microscope slide sized chips). Very little to no bench work required. This room will house the sequencing equipment that will run either overnight or over several days.

113 – PCR (dry lab) - 434 s.f. This room will house all of our PCR machines. Samples will be placed in these machines in either plates or tubes and be left to cycle through various temperatures for a number of cycles. Again this is very little to no bench work required.

114A – Dcode (dry lab) - 451 s.f. Being left empty at the moment for future growth.

5618 E. CONANT STREET LONG BEACH, CA 90808 562.420.1035

114B - QA (wet lab) - 449 s.f. This room is what I would consider "wet" because this is where we do all of our electrophoresis which uses buffered TAE solution mixed in with de-ionized water. Techs will load acrylamide gels with patient sample and let run for several hours as they gradually heat up and while constant voltage is being applied.

114C – Solutions (wet lab) - 329 s.f. - This is also what I would consider "wet" because this is where we use all of our chemicals in larger sized reactions. Usually in liters or in tens of liters. This is our reagent prep area.

The minimal amount of wet lab and the kinds and quantities of chemicals at this facility pose a minimal threat to public safety, yet Ambry is regulated by the following agencies:
The Federal agencies are CLIA = Clinical Laboratory Improvement Amendments and CAP = College of American Pathologists.

Federal	License #
CLIA	05D0981414
CAP	LAP# 7154701

In addition, they are liscened in the following States:

State	License #
California	CLF11694
Florida	800016789
Rhode Island	LCDO00439
Pennsylvania	027832
Maryland	1052
New York	PFI: 8160

Ambry Genetics also maintains a standard office emergency preparedness protocol.

Thank You,

Mark A. Grisafe, AIA

ORANGE COUNTY FIRE AUTHORITY
PLANNING AND DEVELOPMENT
SERVICE REQUEST

SR NUMBER: 179263

Please review the Submittal Criteria Form and complete the Permit Screening Form before completing this Service Request (SR). Be prepared to provide this SR number when inquiring about your plans. **Plan status @ www.ocfa.org, Inspection scheduling:** (714) 573-6150, **General questions** (714) 573-6100, **Technical Help** (714) 573-6108. Plan submittal information may be downloaded from our website at www.ocfa.org

1. Submitted by (Company name) M GRISAFFE ARCHITECT Phone 562 420 1035 Ext. _____

Address 5618 E. CONANT ST.

City LONG BEACH CA Zip code 90808

Bill to (if different) SAME Phone _____ Ext. _____

Address _____

City _____ Zip Code _____

Name of primary contact MARK GRISAFFE Phone 562 420-1035 Ext. _____

E-mail address MARK@MGRISAFFEARCHITECT.COM

2. Project Name (be specific) 15 ARGONAUT - PHASE II - AMBRY GENETICS

Project Address _____ Ste. # _____

Project City ALISO VIEJO Zip code _____

Provide one or more of the following: Tract/Lot # _____ Tentative Tract/Lot # _____ Parcel Map # 2B-27 P12

Tract, tentative tract or parcel map number is required for approval.

3. I hereby authorize the following project plan review services. I am aware that additional services may be required to complete this project and agree to pay all fees. I also acknowledge receipt of a copy hereof.

Signed: _____ Date: 8/29/11

JURISDICTIONAL USE ONLY CITY PLANNING DEPARTMENT ☐

PLAN SUBMITTED AT: OCFA CITY BUILDING DEPARTMENT ☐

CODE	QTY	FEE
PR 224	1	734-
OCFA SUBTOTAL:		
CITY FEES:		
TOTAL DUE:	734-	
ADD'L AMT PAID:		
ADD'L AMT PAID:		
ADD'L AMT PAID:		

COMMENTS

City Reference #:

Revision to SR #:

Re-stamp of SR #:

PAYMENT DATE	INITIALS	RECEIPT/CHECK#/GC#
8/29/11	KM	1349

OCFA USE ONLY

OCFA SERVICES PROVIDED

CODE	QTY	FEE
PR224	1	734
PR324	1	468
TOTAL DUE OCFA:		1202
REFUND TO CUSTOMER:		
BALANCE DUE OCFA:		468
ADD'L CITY FEES DUE:		

FORM DISTRIBUTION: WHITE: OCFA **YELLOW:** Refund/Payment – Customer Copy **PINK:** Building Department **GREEN:** Customer Copy

(Rev 10/8/08 km)

City of Aliso Viejo
Building and Safety Department
12 Journey
Aliso Viejo, CA 92656

PLAN CHECK

Submittal Date: _____ Plan Check # 68318

Applicant MARK GRISAFE Plan Check Fee: $1,566.48

Address 5618 E. CONANT SST Contact: _____

Zip 90808 City LONG BEACH _____

Lot Apn Tract Job Address: 15

_____ _____ _____ Job Street: ARGONAUT

Telephone: (562) 420-1035

Project Description

PLAN REVIEW TENANT IMPROVEMENT PHASE 2 FOR AMBRY GENETICS. BUILD NEW 2ND FL MEZZANINE 4407 SF WITH NEW OFFICES AND RESTROOMS BELOW. NEW HVAC SYSTEM AT ROOF TOP.

TENANT: AMBRY GENETICS

VALUATION: $355,204.00

Calculated by

Receipt # 12918

City of Aliso Viejo

Building and Safety Division
12 Journey, Suite 100
Aliso Viejo, CA 92656
P: (949) 425-2540
F: (949) 425-3899

APPLICATION FOR BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY

Inspection request line 949-425-2545

Job Information
Street Address: 15 ARGONAUT
Apt/Ste: _____ Lot: _____ APN: _____
Tract: _____ Cross St: _____

Applicant: HUNT'S FIRE PROTECTION
Street Address: 929 CARHART ST
City: FULLERTON Zip: 92833
State: CA Phone: (714) 915-2074 Cell: _____

Owner: AICI, LLC
Street Address: 2321 ROSECRANS AVE
City: EL SEGUNDO Zip: 90245
State: CA Phone: (310) 725-0006 Cell: _____

Eng/Arch: _____
Phone: _____ License #: _____

LICENSED CONTRACTORS DECLARATION
I HEREBY CLAIM, UNDER PENALTY OF PERJURY, THE FOLLOWING STATEMENT: THAT I AM LICENSED UNDER PROVISIONS OF CHAPTER 9 COMMENCING WITH SECTION 7000 OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND AT THIS TIME MY CONTRACTORS LICENSE IS CURRENT, ACTIVE AND IN FULL FORCE.

Contractor: HUNT'S FIRE PROTECTION
Street Address: 929 CARHART ST
City: FULLERTON Zip: 92833
State: CA Phone: (714) 915-2074 Cell: _____
LIC. #: 553703 Exp. Date: 1/31/2013 CLASS: C16

CONTRACTOR TO PROVIDE ACCESS TO ROOF & ATTIC

WORKERS' COMPENSATION DECLARATION
I HEREBY CLAIM, UNDER PENALTY OF PERJURY, ONE OF THE FOLLOWING STATEMENT:
☐ I HAVE AND WILL MAINTAIN A CERTIFICATE OF CONSENT TO SELF INSURE FOR WORKERS COMPENSATION, AS PROVIDED FOR BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED.
☒ I HAVE AND WILL MAINTAIN COMPENSATION INSURANCE AS REQUIRED BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK WHICH THIS PERMIT IS ISSUED.

Workers' Compensation Carrier	Policy #	Exp. Date
STATE FUND	238-0005560	1/1/2012

CERTIFICATE OF WORKERS COMPENSATION EXEMPTION
(THIS SECTION NEED NOT BE COMPLETED IF WORK IS $500 OR LESS)
☐ I CERTIFY UNDER PENALTY OF PERJURY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, THAT I SHALL NOT EMPLOY ANY PERSON IN A MANNER SO AS TO BECOME SUBJECT TO THE WORKERS COMPENSATION LAWS OF CALIFORNIA, AND AGREE THAT IF I SHOULD BECOME SUBJECT TO THE WORKERS COMPENSATION PROVISIONS OF SECTION 3700 OF THE LABOR CODE THAT I SHALL FORWITH COMPLY WITH THOSE PROVISIONS.
Warning: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars ($100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest, and attorney's fees.

OWNER BUILDER DECLARATION
I AM EXEMPT FROM THE CONTRACTORS LICENSE LAW FOR THE FOLLOWING REASON:
☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYEES WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED FOR, OR OFFERED FOR SALE (SECTION 7044, OF THE BUSINESS AND PROFESSIONS CODE)
☐ I, AS OWNER OF THE PROPERTY AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO COMPLETE THE PERMITTED PROJECT UNDER THE PROVISIONS OF SECTION 7044, OF THE BUSINESS & PROFESSIONS CODE.

I certify that I have read this application and state that the above information is correct, and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of the City of Aliso Viejo to enter upon the above mentioned property for inspection purposes.

Signature of Applicant or Agent

Bruce C Hunt 10-12-11
Print Applicant's/Agent's Name Date

Permit Number	Plan Review No.:
68590	68590

The following work is authorized by this permit
☐ Structural ☒ Plumbing ☐ Electrical ☐ Mechanical

Type of Project
☐ New ☐ Addition ☐ Occupancy Permit
☒ Alteration ☐ Demolition
☐ Repair ☐ Tenant Improvement

	Sq.Ft.		Sq.Ft.
FIRE SPRINKLERS			

Zoning Approved By: _____

Remarks/Special Conditions/Project Description
PERMIT TO ADD AND RELOCATE FIRE SPRINKLER HEADS 126 TOTAL FOR TI PERMIT 68318.

10/6/12

This permit shall expire if the building or work authorized by such permit is suspended or abandoned for a period of 180 days.

All work shall conform to the 2010 C.B.C., 2010 C.M.C., 2010 C.P.C. and the 2010 C.E.C.

Group/Division/Type _____ High Fire Hazard ☐ Yes ☐ No

Valuation _____ Fire Sprinklers ☐ Yes ☐ No

Structural	
Electrical	
Mechanical	
Plumbing	$31.53
Plan check	
Issuance	$17.33
Microfilm	$5.00
Water Quality	
Total City Fee Due	$48.86
Seismic Fee	
SB 1473	
Total Amount Paid	$53.86

Issuance Approved Joanna Stevens

Date Issued	Receipt Number
Wed. Oct 12, 2011	13215

Permit Number: 68590

CONSTRUCTION AND PLANNING APPROVALS Permit #_____	Date	Insp.
1. Temporary Electrical Service or Pole		
2. Soil Pipe--Underground		
3. Water Pipe--Underground / Underslab		
4. Water Service		
5. Property Sewer / House Connection		
6. Electrical Conduit--Underground		
7. Gas Line Underground & Test		
8. Footings & Steel Ufer ☐		
9. Foundation--Slab on Grade		
10. Retaining Wall Footing		
11. Pre--Grout ☐ Drainage ☐		
12. Gas Pipe-Underground & Test		
13. Rough Plumbg./Top Out/Shower Pan		
14. Roof Drains & Overflows		
15. Rough Electrical--Conduit		
16. Rough Electrical Wiring		
17. Rough Heating & Air Conditioning		
18. Rough Factory Fireplace		
19. Ducts, Ventilating		
20. Fire Dampers		
21. Floor Sheathing		
22. Roof Sheathing		
23. Roof Framing		
24. Approved to Cover Exterior		
25. Rough Frame and Flashing		
26. "T" Bar Ceiling/Elect./Mechanical		
27. Insulation		
28. Lathing ☐ Interior ☐ Exterior		
29. Drywall Nailing		
30. Electric Power Meter Final		
31. Final Electric		
32. Final Sign		
33. Hood or Canopy Final		
34. Final Factory Fireplace		
35. Final Mechanical		
36. Final Plumbing		
37. Water Service Final/Release		
38. Gas Final Including Connectors		
39. Solar Domestic--Final		
40. Re-roof Final		
41. Retaining Wall Final		
42. Handicap Regulations		
43. Landscape Final		
44. Zoining--Final		
45. Engineering--Final		
46. Health--Final		
47. Final Structure & Building		
48. Gas Release		
49. Electric Release		
***Inspector's Initials & Name		

POOL AND SPA APPROVALS Permit #_____	Date	Insp.
1. Pool & Equipment Location		
2. Steel Reinforcement		
3. Electrical Bonding		
4. Rough Plumbing & Pressure Test		
5. APPROVAL TO COVER--GUNITE		
6. Electrical Conduit--Underground		
7. Gas Pipe, ☐ Underground, Test		
8. Backwash Lines, P-Trap, ☐ Und.		
9. Backwash & Receptor--Final		
10. Fencing and Access Approval		
11. APPROVED FOR PLASTERING		
12. Heater & Vent--Final		
13. Plumbing System--Final		
14. Electrical--Final		
15. Solar System--Final		
16. POOL / SPA SYSTEM FINAL		

FIRE DEPT. REQUIREMENT APPROVALS Permit #_____	Date	Insp.
1. UNDERGROUND HYDRO		
2. PRODUCT PIPING ☐ GAS ☐ OIL		
3. UNDERGROUND FLUSH		
4. UND. STRG. TANK ☐ GAS ☐ OIL		
5. OVERHEAD HYDRO		
6. DRY CHEMICAL		
7. DRY STANDPIPE		
8. FIXED SYSTEM FINAL		
9. FIRE PREVENTION FINAL		

NOTES:

I, AS THE CONTRACTOR, HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT I AM A CERTIFIED HOME IMPROVEMENT CONTRACTOR UNDER THE PROVISIONS OF SECTIONS 7150 AND 7151 OF THE STATE OF CALIFORNIA BUSINESS AND PROFESSIONS CODE.

DATE:_____ CONTRACTOR:_____

ORANGE COUNTY FIRE AUTHORITY
PLANNING AND DEVELOPMENT
SERVICE REQUEST

SR NUMBER: 179631

Please review the Submittal Criteria Form and complete the Permit Screening Form before completing this Service Request (SR). Be prepared to provide this SR number when inquiring about your plans. **Plan status @ www.ocfa.org, Inspection scheduling:** (714) 573-6150, **General questions** (714) 573-6100, **Technical Help** (714) 573-6108. Plan submittal information may be downloaded from our website at www.ocfa.org

1. Submitted by (Company name) Hunt Fire Protection Phone (714) 915-2074 Ext. ____
   Address 929 Cachart St
   City Fullerton CA Zip code 92833
   Bill to (if different) ____ Phone ____ Ext. ____
   Address ____
   City ____ Zip Code ____
   Name of primary contact Bruce Hunt Phone (714) 915-2074 Ext. ____
   E-mail address Bruce@Huntsfire.com

2. Project Name (be specific) T.I. Ambry Genetics
   Project Address 15 Argonaut Ste. # ____
   Project City Aliso Viejo CA Zip code 92656
   Provide one or more of the following: Tract/Lot # ____ Tentative Tract/Lot # ____ Parcel Map # ____
   Tract, tentative tract or parcel map number is required for approval.

3. **I hereby authorize the following project plan review services. I am aware that additional services may be required to complete this project and agree to pay all fees. I also acknowledge receipt of a copy hereof.**
   Signed: [signature] Date: 9-13-11

JURISDICTIONAL USE ONLY — CITY PLANNING DEPARTMENT ☐ — CITY BUILDING DEPARTMENT ☐
PLAN SUBMITTED AT: HQ

CODE	QTY	FEE
PR440	1	681
OCFA SUBTOTAL:		681
CITY FEES:		
TOTAL DUE:		681
ADD'L AMT PAID:		
ADD'L AMT PAID:		
ADD'L AMT PAID:		

COMMENTS
City Reference #:
Revision to SR #:
Re-stamp of SR #:
CD ATTACHED

PAYMENT DATE	INITIALS	RECEIPT/CHECK#/CC#
11/3/11	MH	VI 2144

OCFA USE ONLY
OCFA SERVICES PROVIDED

CODE	QTY	FEE
PR440	1	681-
TOTAL DUE OCFA:		631-
REFUND TO CUSTOMER:		0
BALANCE DUE OCFA:		0
ADD'L CITY FEES DUE:		

FORM DISTRIBUTION: WHITE: OCFA **YELLOW:** Refund/Payment – Customer Copy **PINK:** Building Department **GREEN:** Customer Copy
(Rev 10/8/08 km)

City of Aliso Viejo

Building and Safety Division
12 Journey, Suite 100
Aliso Viejo, CA 92656
P: (949) 425-2540
F: (949) 425-3899

APPLICATION FOR BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY

Inspection request line 949-425-2545

Job Information
Street Address: 15 ARGONAUT
Apt/Ste: _____ Lot: _____ APN: _____
Tract: _____ Cross St: _____

Applicant: AMBRY GENETICS / JAMES L. DUNLOP
Street Address: 622 BLUE BIRD CANYON
City: LAGUNA BEACH Zip: 92651
State: CA Phone: (949) 545-8907 Cell: _____

Owner: AICI, LLC
Street Address: 2321 ROSECRANS AVE
City: EL SEGUNDO Zip: 90245
State: CA Phone: (310) 725-0006 Cell: _____

Engl/Arch: _____
Phone: _____ License #: _____

LICENSED CONTRACTORS DECLARATION
I HEREBY CLAIM, UNDER PENALTY OF PERJURY, THE FOLLOWING STATEMENT: THAT I AM LICENSED UNDER PROVISIONS OF CHAPTER 9 COMMENCING WITH SECTION 7000 OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND AT THIS TIME MY CONTRACTORS LICENSE IS CURRENT, ACTIVE AND IN FULL FORCE.

Contractor: _____
Street Address: _____
City: _____ Zip: _____
State: _____ Phone: _____ Cell: _____
LIC. #: _____ Exp. Date: _____ CLASS: _____

CONTRACTOR TO PROVIDE ACCESS TO ROOF & ATTIC

WORKERS' COMPENSATION DECLARATION
I HEREBY CLAIM, UNDER PENALTY OF PERJURY, ONE OF THE FOLLOWING STATEMENT:
☐ I HAVE AND WILL MAINTAIN A CERTIFICATE OF CONSENT TO SELF INSURE FOR WORKERS COMPENSATION, AS PROVIDED FOR BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED.
☐ I HAVE AND WILL MAINTAIN COMPENSATION INSURANCE AS REQUIRED BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK WHICH THIS PERMIT IS ISSUED.

Workers' Compensation Carrier | Policy # | Exp. Date

CERTIFICATE OF WORKERS COMPENSATION EXEMPTION
(THIS SECTION NEED NOT BE COMPLETED IF WORK IS $500 OR LESS)
☐ I CERTIFY UNDER PENALTY OF PERJURY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, THAT I SHALL NOT EMPLOY ANY PERSON IN A MANNER SO AS TO BECOME SUBJECT TO THE WORKERS COMPENSATION LAWS OF CALIFORNIA, AND AGREE THAT IF I SHOULD BECOME SUBJECT TO THE WORKERS COMPENSATION PROVISIONS OF SECTION 3700 OF THE LABOR CODE THAT I SHALL FORWITH COMPLY WITH THOSE PROVISIONS.
Warning: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars ($100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest, and attorney's fees.

OWNER BUILDER DECLARATION
I AM EXEMPT FROM THE CONTRACTORS LICENSE LAW FOR THE FOLLOWING REASON:
☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYEES WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED FOR, OR OFFERED FOR SALE (SECTION 7044, OF THE BUSINESS AND PROFESSIONS CODE)
☐ I, AS OWNER OF THE PROPERTY AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO COMPLETE THE PERMITTED PROJECT UNDER THE PROVISIONS OF SECTION 7044, OF THE BUSINESS & PROFESSIONS CODE.

I certify that I have read this application and state that the above information is correct, and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of the City of Aliso Viejo to enter upon the above mentioned property for inspection purposes.

Signature of Applicant or Agent

James L. Dunlop — Print Applicant's/Agent's Name
12/22/11 — Date

Permit Number	Plan Review No.:
68806	68806

The following work is authorized by this permit
☐ Structural ☐ Plumbing ☐ Electrical ☐ Mechanical

Type of Project
☐ New ☐ Addition ☐ Occupancy Permit
☐ Alteration ☐ Demolition
☐ Repair ☐ Tenant Improvement

	Sq.Ft.		Sq.Ft.
TEMP C OF O			

Zoning Approved By: _____

Remarks/Special Conditions/Project Description
TEMPORARY CERTIFICATE OF OCCUPANCY APPLICATION FOR 30 DAYS, EXPIRES 1/22/12.

4/6/12

This permit shall expire if the building or work authorized by such permit is suspended or abandoned for a period of 180 days.

All work shall conform to the 2010 C.B.C., 2010 C.M.C., 2010 C.P.C. and the 2010 C.E.C.

Group/Division/Type _____ High Fire Hazard ☐ Yes ☐ No

Valuation _____ Fire Sprinklers ☐ Yes ☐ No

Structural	$74.33
Electrical	
Mechanical	
Plumbing	
Plan check	
Issuance	$17.33
Microfilm	$5.00
Water Quality	
Total City Fee Due	$91.66
Seismic Fee	
SB 1473	
Total Amount Paid	$96.66

Issuance Approved Joanna Stevens

Date Issued	Receipt Number
Thu, Dec 22, 2011	13452

Permit Number: 68806

CONSTRUCTION AND PLANNING APPROVALS Permit #_____	Date	Insp.
1. Temporary Electrical Service or Pole		
2. Soil Pipe--Underground		
3. Water Pipe--Underground / Underslab		
4. Water Service		
5. Property Sewer / House Connection		
6. Electrical Conduit--Underground		
7. Gas Line Underground & Test		
8. Footings & Steel Ufer ☐		
9. Foundation--Slab on Grade		
10. Retaining Wall Footing		
11. Pre--Grout ☐ Drainage ☐		
12. Gas Pipe-Underground & Test		
13. Rough Plumbg./Top Out/Shower Pan		
14. Roof Drains & Overflows		
15. Rough Electrical--Conduit		
16. Rough Electrical Wiring		
17. Rough Heating & Air Conditioning		
18. Rough Factory Fireplace		
19. Ducts, Ventilating		
20. Fire Dampers		
21. Floor Sheathing		
22. Roof Sheathing		
23. Roof Framing		
24. Approved to Cover Exterior		
25. Rough Frame and Flashing		
26. "T" Bar Ceiling/Elect./Mechanical		
27. Insulation		
28. Lathing ☐ Interior ☐ Exterior		
29. Drywall Nailing		
30. Electric Power Meter Final		
31. Final Electric		
32. Final Sign		
33. Hood or Canopy Final		
34. Final Factory Fireplace		
35. Final Mechanical		
36. Final Plumbing		
37. Water Service Final/Release		
38. Gas Final Including Connectors		
39. Solar Domestic--Final		
40. Re-roof Final		
41. Retaining Wall Final		
42. Handicap Regulations		
43. Landscape Final		
44. Zoning--Final		
45. Engineering--Final		
46. Health--Final		
47. Final Structure & Building	4/6/12	JCS
48. Gas Release		
49. Electric Release		
***Inspector's Initials & Name		

POOL AND SPA APPROVALS Permit #_____	Date	Insp.
1. Pool & Equipment Location		
2. Steel Reinforcement		
3. Electrical Bonding		
4. Rough Plumbing & Pressure Test		
5. APPROVAL TO COVER--GUNITE		
6. Electrical Conduit--Underground		
7. Gas Pipe, ☐ Underground, Test		
8. Backwash Lines, P-Trap, ☐ Und.		
9. Backwash & Receptor--Final		
10. Fencing and Access Approval		
11. APPROVED FOR PLASTERING		
12. Heater & Vent--Final		
13. Plumbing System--Final		
14. Electrical--Final		
15. Solar System--Final		
16. POOL / SPA SYSTEM FINAL		

FIRE DEPT. REQUIREMENT APPROVALS Permit #_____	Date	Insp.
1. UNDERGROUND HYDRO		
2. PRODUCT PIPING ☐ GAS ☐ OIL		
3. UNDERGROUND FLUSH		
4. UND. STRG. TANK ☐ GAS ☐ OIL		
5. OVERHEAD HYDRO		
6. DRY CHEMICAL		
7. DRY STANDPIPE		
8. FIXED SYSTEM FINAL		
9. FIRE PREVENTION FINAL		

NOTES:

I, AS THE CONTRACTOR, HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT I AM A CERTIFIED HOME IMPROVEMENT CONTRACTOR UNDER THE PROVISIONS OF SECTIONS 7150 AND 7151 OF THE STATE OF CALIFORNIA BUSINESS AND PROFESSIONS CODE.

DATE:_____ **CONTRACTOR:**_____

CITY OF ALISO VIEJO
COMMUNITY DEVELOPMENT

APPLICATION FOR TEMPORARY CERTIFICATE OF OCCUPANCY

Project Name: 15 ARGONAUT - Ambry GENETICS

Owner's Name JAMES L. Dunlop Phone No.: 949-900-5518

Job Address 15 ARGONAUT, Aliso Viejo, CA 92656

Building Permit No. 68254 / 68318

Request is herby made for temporary use and occupancy on subject project only for a time period of 30 days.

I am fully aware of Section 110 of the California Building Code which indicates, in part, that no building or structure shall be used or occupied until the Building Official has issued a Certificate of Use and Occupancy for the building. I also understand that the fee is for administrative costs and is not refundable if application is denied.

This approval, if granted, will become void after 30 days, at which time a permanent Certificate of Use and Occupancy will be granted or occupancy terminated.

REASON FOR REQUEST To Move IN. To OPERATE OUR BUSINESS, A Fully FUNCTIONAL LABORATORY AND OPERATIONS FACILITY

JAMES L. DUNLOP

Signature& Print (Owner/Authorized Agent) Date 12/22/11

15 ARGONAUT, Aliso Viejo, CA 92656 Address

949-900-5500 Telephone

Fee:_____ Receipt No.:_____

Land Use Conditions of Approval Satisfied _____

Conditions not Satisfied (to be completed prior to final use and occupancy) _____

Approved by Planning Director _____

Building Conditions not satisfied (to be completed prior to final use and occupancy) OBTAIN FINAL APPROVAL FROM ALL APPLICABLE CITY AND COUNTY PERSONNEL - OCFA & CPTED

Approved by Building Official _____ Date: 12/22/11

DECLARATION AND AGREEMENT

City of Aliso Viejo
12 Journey
Aliso Viejo, CA 92656

In consideration of granting a Temporary Certificate of Occupancy for the area improved or established under Building Permit No. 08254 68318 we, the responsible parties, hereby acknowledge and agree, by signature, to the following:

1. The Building Official is authorized to issue a Temporary Certificate of Occupancy (TCO), before the completion of the entire work covered by the permit, provided that such portion or portions shall be occupied safely.
2. The Building Official shall set a period of time during which the TCO is valid.
3. The Building Official is authorized to suspend or revoke, in writing, a TCO whenever the Certificate is issued in error, or on the basis of incorrect information supplied, or where it is determined that the building or structure or portion thereof is in violation of any ordinance or regulation or any of the provisions of this code.
4. The owner/lease holder is responsible for and agrees to ensure occupancy does not extend beyond the defined TCO period. Further, that continued use and occupancy beyond the period granted is a violation of the California Building Code.
5. Renewal of the TCO may be granted for just cause. A new application and fees are due at the time of the request.
6. In signing this declaration and agreement the owner and contractor of record understands and agrees to the following stipulations.
   A. The project shall be completed before the expiration date of the TCO,
   B. Completion of the project requires that all Building Department corrections must be satisfied with the final Building Department signature on the inspection record, and
   C. All other interested departments must have approved the C of O.

OWNER/LEASEHOLDER *(The entity to which the Contractor of Record is responsible, Circle One)*	
Company Name:	Amby Genetics
Company Owner or Officer:	James L. Dunlop
Complete Address:	622 Bluebird Canyon, Laguna Beach 92651,
Phone Number(s):	949-545-8907
Signature:	Date: 12/22/11

CONTRACTOR OF RECORD	
Company Name:	R+C Contracting
Company Owner or Officer:	Brian Boutelle
Complete Address:	21113 Jaun Ave. Hawaiin Gardens CA 90716
Phone Number(s):	562-860-3430
Signature:	Date: 12/22/12

TEMPORARY CERTIFICATE OF OCCUPANCY APPLICATION NO. _____

PROJECT ADDRESS: _____

City of Aliso Viejo

Building and Safety Division
12 Journey, Suite 100
Aliso Viejo, CA 92656
P: (949) 425-2540
F: (949) 425-3899

APPLICATION FOR BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY

Inspection request line 949-425-2545

Job Information
Street Address: 15 ARGONAUT
Apt/Ste: Lot: APN:
Tract: Cross St:

Applicant: TOM VASIN
Street Address: 23122-E ALCALDE DR
City: LAGUNA HILLS Zip: 92653
State: CA Phone: (949) 382-6366 Cell:

Owner: AICI, LLC
Street Address: 2321 ROSECRANS AVE
City: EL SEGUNDO Zip: 90245
State: CA Phone: (310) 725-0006 Cell:

Eng/Arch:
Phone: License #:

LICENSED CONTRACTORS DECLARATION
I HEREBY CLAIM, UNDER PENALTY OF PERJURY, THE FOLLOWING STATEMENT: THAT I AM LICENSED UNDER PROVISIONS OF CHAPTER 9 COMMENCING WITH SECTION 7000 OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND AT THIS TIME MY CONTRACTORS LICENSE IS CURRENT, ACTIVE AND IN FULL FORCE.

Contractor: VASIN SIGN SOLUTIONS
Street Address: 23122-E ALCALDE DR
City: LAGUNA HILLS Zip: 92653
State: CA Phone: (949) 382-6366 Cell:
LIC. #: 852671 Exp. Date: 1/31/2013 CLASS: C61, D42

CONTRACTOR TO PROVIDE ACCESS TO ROOF & ATTIC

WORKERS' COMPENSATION DECLARATION
I HEREBY CLAIM, UNDER PENALTY OF PERJURY, ONE OF THE FOLLOWING STATEMENT:
☒ I HAVE AND WILL MAINTAIN A CERTIFICATE OF CONSENT TO SELF INSURE FOR WORKERS COMPENSATION, AS PROVIDED FOR BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED.
☐ I HAVE AND WILL MAINTAIN COMPENSATION INSURANCE AS REQUIRED BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK WHICH THIS PERMIT IS ISSUED.

Workers' Compensation Carrier	Policy #	Exp. Date
HARTFORD CASUALTY INS CO	72WECDD4981	4/4/2012

CERTIFICATE OF WORKERS COMPENSATION EXEMPTION
(THIS SECTION NEED NOT BE COMPLETED IF WORK IS $500 OR LESS)
☐ I CERTIFY UNDER PENALTY OF PERJURY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, THAT I SHALL NOT EMPLOY ANY PERSON IN A MANNER SO AS TO BECOME SUBJECT TO THE WORKERS COMPENSATION LAWS OF CALIFORNIA, AND AGREE THAT IF I SHOULD BECOME SUBJECT TO THE WORKERS COMPENSATION PROVISIONS OF SECTION 3700 OF THE LABOR CODE THAT I SHALL FORWITH COMPLY WITH THOSE PROVISIONS.
Warning: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars ($100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest, and attorney's fees.

OWNER BUILDER DECLARATION
I AM EXEMPT FROM THE CONTRACTORS LICENSE LAW FOR THE FOLLOWING REASON:
☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYEES WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED FOR, OR OFFERED FOR SALE (SECTION 7044, OF THE BUSINESS AND PROFESSIONS CODE)
☐ I, AS OWNER OF THE PROPERTY AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO COMPLETE THE PERMITTED PROJECT UNDER THE PROVISIONS OF SECTION 7044, OF THE BUSINESS & PROFESSIONS CODE.

I certify that I have read this application and state that the above information is correct, and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of the City of Aliso Viejo to enter upon the above mentioned property for inspection purposes.

Signature of Applicant or Agent

Thomas Vasin — Print Applicant's/Agent's Name
2/21/12 — Date

Permit Number	Plan Review No.:
68989	68989

The following work is authorized by this permit
☒ Structural ☐ Plumbing ☒ Electrical ☐ Mechanical

Type of Project
☒ New ☐ Addition ☐ Occupancy Permit
☐ Alteration ☐ Demolition
☐ Repair ☐ Tenant Improvement

	Sq.Ft.	Sq.Ft.
SIGN	36	

Zoning Approved By: J. LOWE

Remarks/Special Conditions/Project Description
INSTALL ILLUMINATED WALL SIGN TO READ "AMBRY GENETICS". FIELD VERIFY FOR CODE COMPLIANCE.

4/6/12

This permit shall expire if the building or work authorized by such permit is suspended or abandoned for a period of 180 days.

All work shall conform to the 2010 C.B.C., 2010 C.M.C., 2010 C.P.C. and the 2010 C.E.C.

Group/Division/Type
High Fire Hazard ☐ Yes ☐ No

Valuation: $5,190.00
Fire Sprinklers ☐ Yes ☐ No

Structural	$151.35
Electrical	$5.08
Mechanical	
Plumbing	
Plan check	$98.38
Issuance	$34.66
Microfilm	$10.00
Water Quality	
Total City Fee Due	$191.09
Seismic Fee	$1.09
SB 1473	$1.00
Total Amount Paid	$301.56

Issuance Approved: Joanna Stevens

Date Issued	Receipt Number
Tue, Feb 21, 2012	13710

Permit Number: 68989

CONSTRUCTION AND PLANNING APPROVALS Permit #_____	Date	Insp.
1. Temporary Electrical Service or Pole		
2. Soil Pipe--Underground		
3. Water Pipe--Underground / Underslab		
4. Water Service		
5. Property Sewer / House Connection		
6. Electrical Conduit--Underground		
7. Gas Line Underground & Test		
8. Footings & Steel Ufer ☐		
9. Foundation--Slab on Grade		
10. Retaining Wall Footing		
11. Pre--Grout ☐ Drainage ☐		
12. Gas Pipe-Underground & Test		
13. Rough Plumbg./Top Out/Shower Pan		
14. Roof Drains & Overflows		
15. Rough Electrical--Conduit		
16. Rough Electrical Wiring		
17. Rough Heating & Air Conditioning		
18. Rough Factory Fireplace		
19. Ducts, Ventilating		
20. Fire Dampers		
21. Floor Sheathing		
22. Roof Sheathing		
23. Roof Framing		
24. Approved to Cover Exterior		
25. Rough Frame and Flashing		
26. "T" Bar Ceiling/Elect./Mechanical		
27. Insulation		
28. Lathing ☐ Interior ☐ Exterior		
29. Drywall Nailing		
30. Electric Power Meter Final		
31. Final Electric		
32. Final Sign		
33. Hood or Canopy Final		
34. Final Factory Fireplace		
35. Final Mechanical		
36. Final Plumbing		
37. Water Service Final/Release		
38. Gas Final Including Connectors		
39. Solar Domestic--Final		
40. Re-roof Final		
41. Retaining Wall Final		
42. Handicap Regulations		
43. Landscape Final		
44. Zoning--Final		
45. Engineering--Final		
46. Health--Final		
47. Final Structure & Building	4/6/12	DCS
48. Gas Release		
49. Electric Release		
***Inspector's Initials & Name		

POOL AND SPA APPROVALS Permit #_____	Date	Insp.
1. Pool & Equipment Location		
2. Steel Reinforcement		
3. Electrical Bonding		
4. Rough Plumbing & Pressure Test		
5. APPROVAL TO COVER--GUNITE		
6. Electrical Conduit--Underground		
7. Gas Pipe, ☐ Underground; Test		
8. Backwash Lines; P-Trap, ☐ Und.		
9. Backwash & Receptor--Final		
10. Fencing and Access Approval		
11. APPROVED FOR PLASTERING		
12. Heater & Vent--Final		
13. Plumbing System--Final		
14. Electrical--Final		
15. Solar System--Final		
16. POOL / SPA SYSTEM FINAL		

FIRE DEPT. REQUIREMENT APPROVALS Permit #_____	Date	Insp.
1. UNDERGROUND HYDRO		
2. PRODUCT PIPING ☐ GAS ☐ OIL		
3. UNDERGROUND FLUSH		
4. UND. STRG. TANK ☐ GAS ☐ OIL		
5. OVERHEAD HYDRO		
6. DRY CHEMICAL		
7. DRY STANDPIPE		
8. FIXED SYSTEM FINAL		
9. FIRE PREVENTION FINAL		

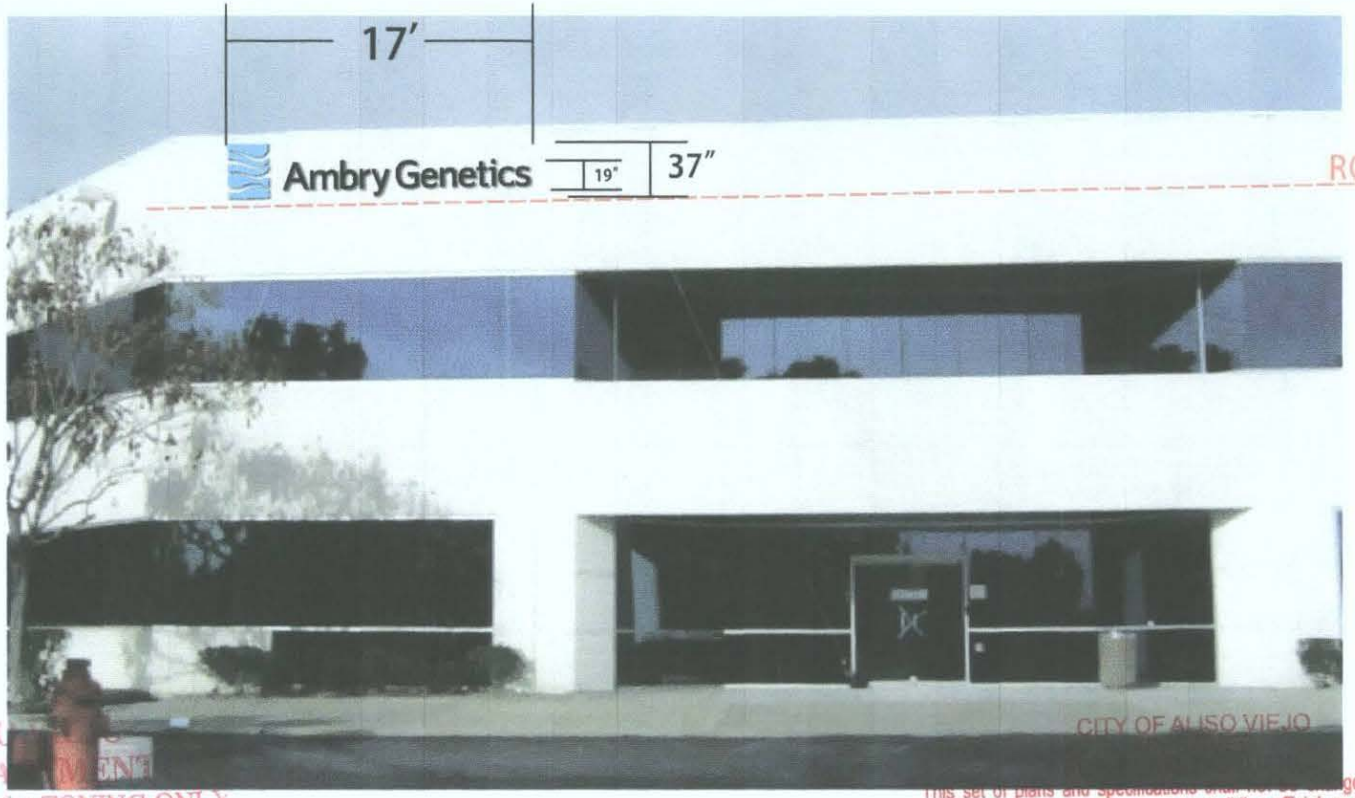
NOTES:

I, AS THE CONTRACTOR, HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT I AM A CERTIFIED HOME IMPROVEMENT CONTRACTOR UNDER THE PROVISIONS OF SECTIONS 7150 AND 7151 OF THE STATE OF CALIFORNIA BUSINESS AND PROFESSIONS CODE.

DATE:_____ CONTRACTOR:_____

Proposed New Building Sign

36 sq. ft.



CITY OF ALISO
PLANNING DEPA[illegible]
This plan has been reviewed for ZONING ONLY and meets the requirements of the Aliso Viejo Municipal Code.
APPROVED: JENNIFER LUCE
DATE: 2.21.12
COMMENTS:

[illegible]ged, modified o[illegible]
altered without authorization from the building official, and all work regu[illegible]
lated by this code shall be done in accordance with these approved plans.
This issuance or granting of a permit of approval of plans, specifications or computations shall not be considered to be a permit for or an approval of any violation of any of the provisions of this code or of any other ordinance of the jurisdiction. Permits presuming to give authority to violate or cancel the provisions of this code or other ordinances of this jurisdiction shall not be valid.
BY [signature] DATE 2/21/12

NOTE:
ALL CHANNEL LETTER WILL BE U.L. Approved.
ALL BUILDING PENETRATIONS WILL BE WATERPROOFED.

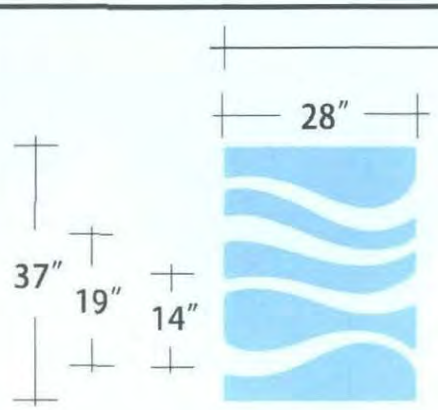
This is an original unpublished design created for your personal use with a project being planned by Vasin Sign Solutions, Inc. It should not to be shown to anyone outside your organization, nor should it to be copied, reproduced or exhibited in any fashion. If design is copied, reproduced or shopped around, client will be charged design fees or subjected to legal action.

PAGE NUMBER	DATE	PROJECT NAME	CLIENT NAME	CLIENT APPROVAL	NO. DATE REVISION BY
1 OF 3	2/14/12	AMBRY GENETICS BUILDING SIGN	SAME		
	DRAWN BY	ADDRESS	ADDRESS		
	TV	15 ARGONAUT		PROPERTY OWNER APPROVAL	
		CITY/STATE	CITY/STATE		
		ALISO VIEJO, CA 92656			

Vasin Sign Solutions
23122-E Alcalde Dr.
Laguna Hills, CA 92653
(949) 382-6366
Lic. # 852671

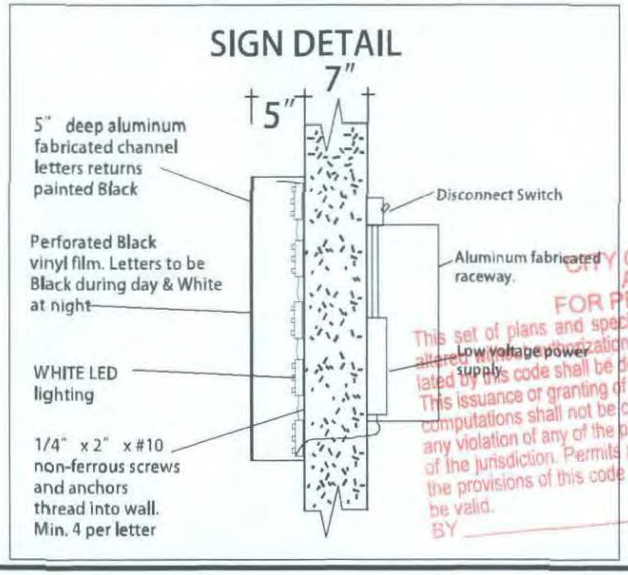
689 89

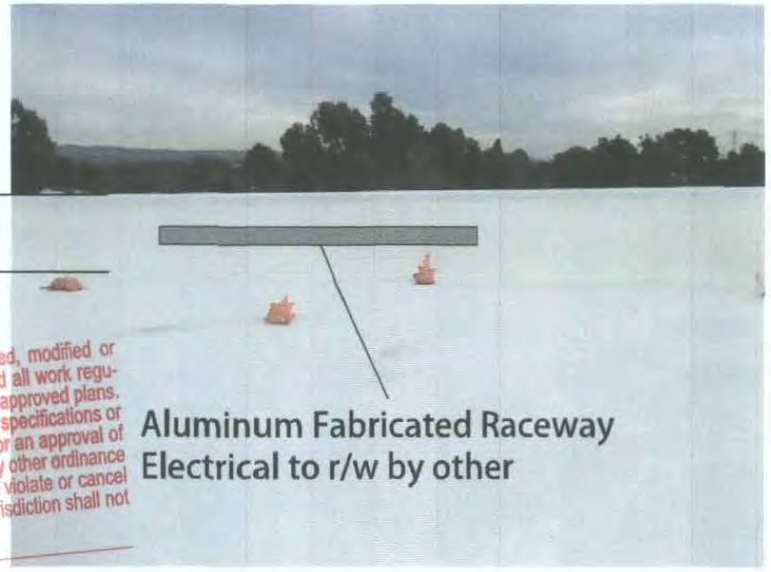
Proposed New Building Sign Detail



Ambry Genetics™

Logo color to match PMS 299 C
Logo to be individual channel pieces





CITY OF ALISO VIEJO
APPROVED
FOR PERMIT ISSUANCE
This set of plans and specifications shall not be changed, modified or altered without authorization from the building official, and all work regulated by this code shall be done in accordance with these approved plans. This issuance or granting of a permit of approval of plans, specifications or computations shall not be considered to be a permit for or an approval of any violation of any of the provisions of this code or of any other ordinance of the jurisdiction. Permits presuming to give authority to violate or cancel the provisions of this code or other ordinances of this jurisdiction shall not be valid.
DATE
BY

NOTE:
ALL CHANNEL LETTER WILL BE U.L. Approved.
ALL BUILDING PENETRATIONS WILL BE WATERPROOFED.

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PAGE NUMBER	DATE	PROJECT NAME	CLIENT NAME	CLIENT APPROVAL	NO. DATE REVISION BY
2 OF 3	2/14/12	AMBRY GENETICS BUILDING SIGN	SAME		
	DRAWN BY: TV	ADDRESS: 15 ARGONAUT	ADDRESS	PROPERTY OWNER APPROVAL	
		CITY/STATE: ALISO VIEJO, CA 92656	CITY/STATE		

Vasin Sign Solutions
23122-E Alcalde Dr.
Laguna Hills, CA 92653
(949) 382-6366
Lic. # 852671

Site Map



N

AMBRY GENETICS BUILDING SIGN

15 ARGONAUT

ALISO VIEJO, CA 92656

CITY OF ALISO VIEJO
APPROVED
FOR PERMIT ISSUANCE

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_____ DATE _____

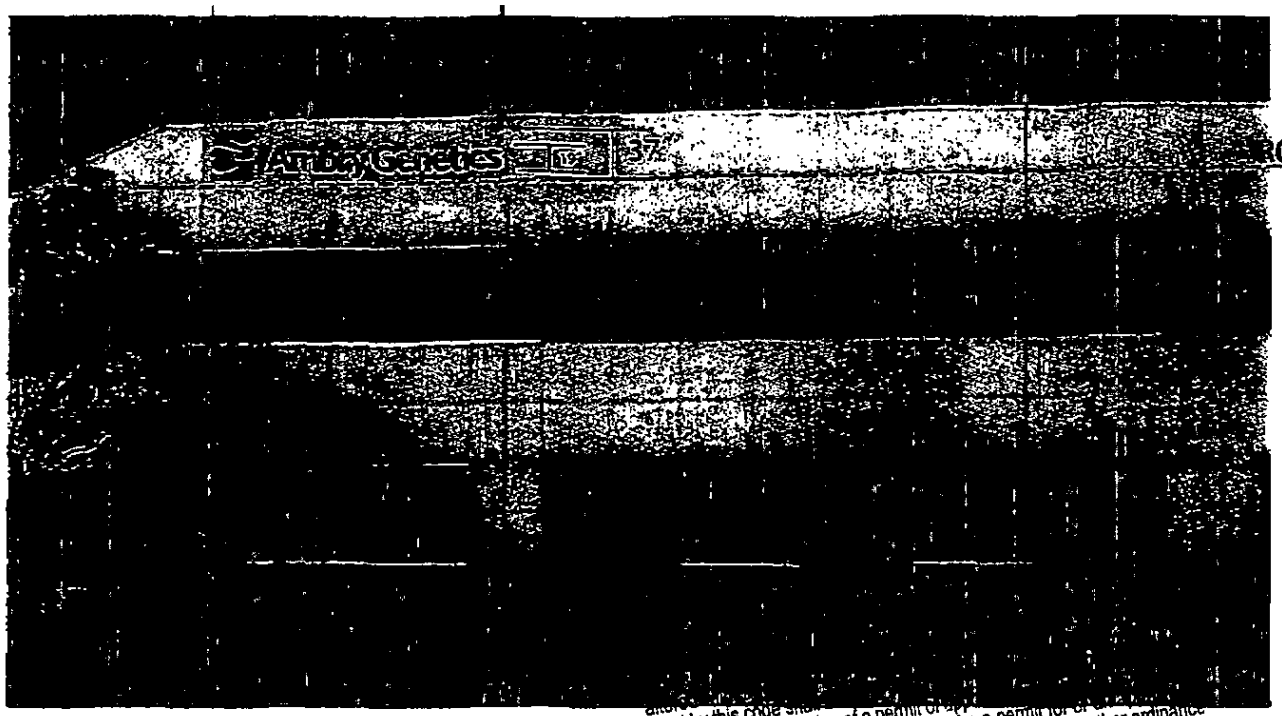
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	DRAWN BY	ADDRESS	ADDRESS	PROPERTY OWNER APPROVAL	
	TV	15 ARGONAUT			
		CITY/STATE	CITY/STATE		
		ALISO VIEJO, CA 92656			

Vasin Sign Solutions
23122-E Alcalde Dr.
Laguna Hills, CA 92653
(949) 382-6366
Lic. # 852671

Proposed New Building Sign



lated by this code shall ... This issuance or granting of a permit or approval shall not be considered to be a permit for or approval of any other ordinance computations shall not be considered to be a permit for or approval of any violation of any of the provisions of this code or of any other ordinance of the jurisdiction. Permits presuming to give authority to violate or cancel the provisions of this code or other ordinances of this jurisdiction shall not be valid.

BY _____ DATE _____

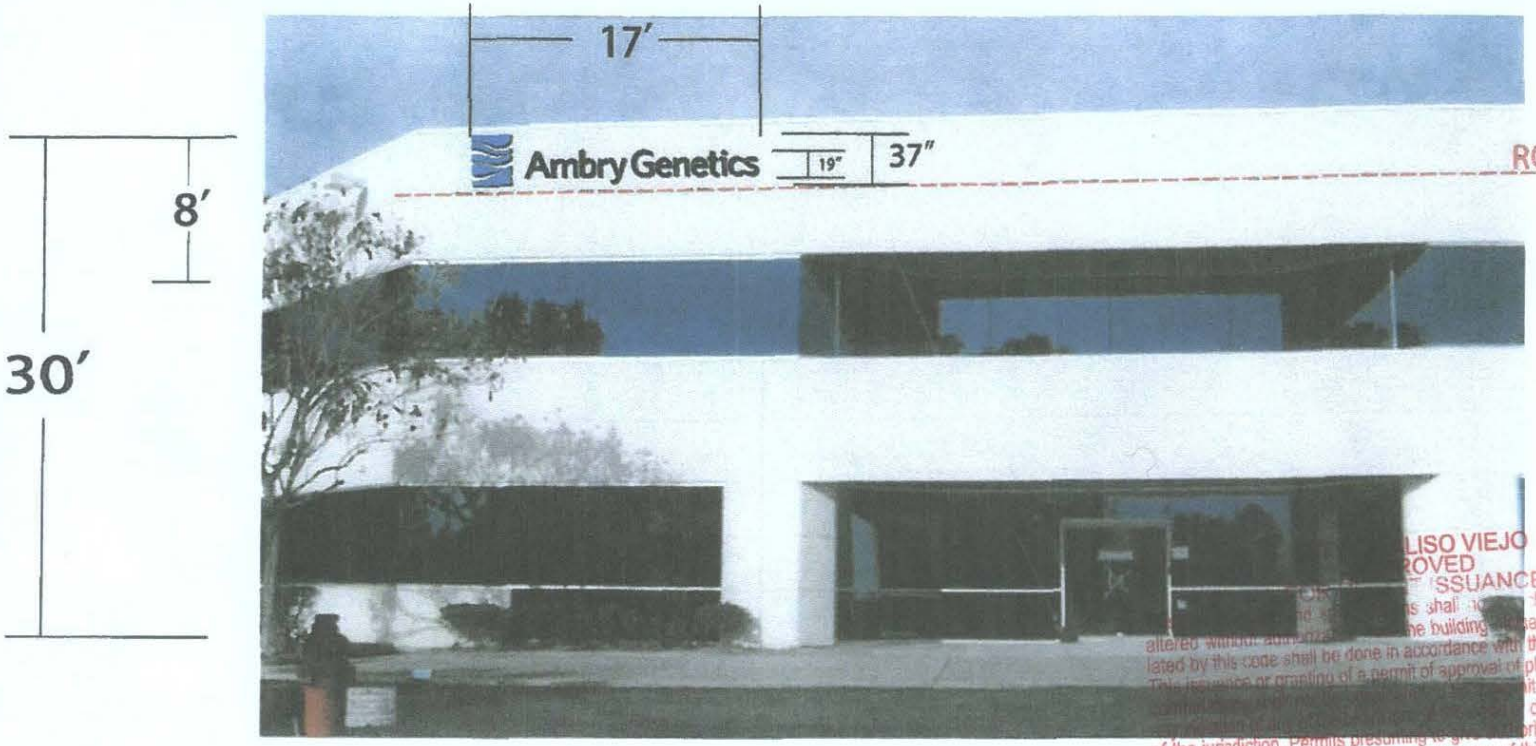
NOTE:
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1 OF 3	DATE: 2/14/12	PROJECT NAME: AMBRY GENETICS BUILDING SIGN	CLIENT NAME: SAME	CLIENT APPROVAL	NO. / DATE / REVISION / BY	Vasin Sign Solutions 23122-E Alicia Dr. Laguna Hills, CA 92653 (949) 362-8356 Lic. # 852671
	SHEET BY: TV	ADDRESS: 15 ARGONAUT	ADDRESS:	PROPERTY OWNER APPROVAL		
		CITY/STATE: ALISO VIEJO, CA 92656	CITY/STATE:			

AICI LLC

Proposed New Building Sign



ALISO VIEJO
APPROVED
DATE OF ISSUANCE
These approved plans
DATE
BY

NOTE:
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ALL BUILDING PENETRATIONS WILL BE WATERPROOFED.

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PAGE NUMBER	DATE	PROJECT NAME	CLIENT NAME	CLIENT APPROVAL	NO.	DATE	REVISION	BY
1 OF 3	2/14/12	AMBRY GENETICS BUILDING SIGN	SAME					
	DRAWN BY: TV	ADDRESS: 15 ARGONAUT	ADDRESS	PROPERTY OWNER APPROVAL				
		CITY/STATE: ALISO VIEJO, CA 92656	CITY/STATE					

AICI LLC

Vasin Sign Solutions
23122-E Alcalde Dr.
Laguna Hills, CA 92653
(949) 362-6366
Lic. # 852671

AICI, LLC
A DELAWARE LIMITED LIABILITY COMPANY
2101 ROSECRANS AVENUE, SUITE 4305
EL SEGUNDO, CA 90245
TELEPHONE (310) 414-0006
FACSIMILE (310) 414-0007

February 16, 2017

Ambry Genetics
15 Argonaut
Aliso Viejo, CA 92656

To whom it may concern;

On behalf of AICI LLC, I authorize the placement of the Ambry Genetics sign on the building located at 15 Argonaut as specified in the attached document.

Feel free to give us a call at (310) 414-0006 if you need further assistance or have any questions.

Sincerely,

Marisa Heinecke
AICI LLC

CITY OF ALISO VIEJO
APPROVED
FOR PERMIT ISSUANCE
This set of plans and specifications shall not be changed, modified or altered without authorization from the building official, and all work regulated by this code shall be done in accordance with these approved plans. This issuance or granting of a permit of approval of plans, specifications or computations shall not be considered to be a permit for or an approval of any violation of any of the provisions of this code or of any other ordinance of the jurisdiction. Permits presuming to give authority to violate or cancel the provisions of this code or other ordinances of this jurisdiction shall not be valid.
BY _____ DATE

City of Aliso Viejo

Building and Safety Division
12 Journey, Suite 100
Aliso Viejo, CA 92656
P: (949) 425-2540
F: (949) 425-3899

APPLICATION FOR BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY

Inspection request line 949-425-2545

Job Information
Street Address: 15 ARGONAUT
Apt/Ste: Lot: APN:
Tract: Cross St:

Applicant: WILLIAM MARLOWE
Street Address: 525 NEW JERSEY ST STE A
City: REDLANDS Zip: 92373
State: CA Phone: (909) 557-6312 Cell:

Owner: BLT ENTERPRISES
Street Address: 1714 16TH ST
City: SANTA MONICA Zip: 90404
State: CA Phone: (310) 314-0800 Cell:

Eng/Arch:
Phone: License #:

LICENSED CONTRACTORS DECLARATION
I HEREBY CLAIM, UNDER PENALTY OF PERJURY, THE FOLLOWING STATEMENT: THAT I AM LICENSED UNDER PROVISIONS OF CHAPTER 9 COMMENCING WITH SECTION 7000 OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND AT THIS TIME MY CONTRACTORS LICENSE IS CURRENT, ACTIVE AND IN FULL FORCE.

Contractor: CLARK ROOFING
Street Address: 525 NEW JERSEY ST STE A
City: REDLANDS Zip: 92373
State: CA Phone: (909) 335-6300 Cell:
LIC. #: 765388 Exp. Date: 7/31/2019 CLASS: C39

CONTRACTOR TO PROVIDE ACCESS TO ROOF & ATTIC

WORKERS' COMPENSATION DECLARATION
I HEREBY CLAIM, UNDER PENALTY OF PERJURY, ONE OF THE FOLLOWING STATEMENT:
☑ I HAVE AND WILL MAINTAIN A CERTIFICATE OF CONSENT TO SELF INSURE FOR WORKERS COMPENSATION, AS PROVIDED FOR BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED.
☐ I HAVE AND WILL MAINTAIN COMPENSATION INSURANCE AS REQUIRED BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK WHICH THIS PERMIT IS ISSUED.

Workers' Compensation Carrier	Policy #	Exp. Date
AMERICAN ZURICH INS CO	WC9000854	12/31/2017

CERTIFICATE OF WORKERS COMPENSATION EXEMPTION
(THIS SECTION NEED NOT BE COMPLETED IF WORK IS $500 OR LESS)
☐ CERTIFY UNDER PENALTY OF PERJURY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, THAT I SHALL NOT EMPLOY ANY PERSON IN A MANNER SO AS TO BECOME SUBJECT TO THE WORKERS COMPENSATION LAWS OF CALIFORNIA, AND AGREE THAT IF I SHOULD BECOME SUBJECT TO THE WORKERS COMPENSATION PROVISIONS OF SECTION 3700 OF THE LABOR CODE THAT I SHALL FORWITH COMPLY WITH THOSE PROVISIONS.
Warning: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars ($100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest, and attorney's fees.

OWNER BUILDER DECLARATION
I AM EXEMPT FROM THE CONTRACTORS LICENSE LAW FOR THE FOLLOWING REASON:
☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYEES WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED FOR, OR OFFERED FOR SALE (SECTION 7044, OF THE BUSINESS AND PROFESSIONS CODE)
☐ I, AS OWNER OF THE PROPERTY AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO COMPLETE THE PERMITTED PROJECT UNDER THE PROVISIONS OF SECTION 7044, OF THE BUSINESS & PROFESSIONS CODE.

I certify that I have read this application and state that the above information is correct, and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of the City of Aliso Viejo to enter upon the above mentioned property for inspection purposes.

William Marlowe
Signature of Applicant or Agent

William Marlowe 8-10-17
Print Applicant's/Agent's Name Date

Permit Number	Plan Review No.:
79247	79247

The following work is authorized by this permit
☒ Structural ☐ Plumbing ☐ Electrical ☐ Mechanical

Type of Project
☐ New ☐ Addition ☐ Occupancy Permit
☒ Alteration ☐ Demolition
☐ Repair ☐ Tenant Improvement

	Sq.Ft.	Sq.Ft.
REROOF	200000	

Zoning Approved By:

Remarks/Special Conditions/Project Description
TEAR OFF EXISTING BUR ROOF SYSTEM AND INSTALL NEW BUR ROOF SYSTEM.

C&D APPROVED - COLLECTED $1500 DEPOSIT

FINAL 9/15/2017
Dan Lindquist
DAN LINDQUIST

This permit shall expire if the building or work authorized by such permit is suspended or abandoned for a period of 180 days.

All work shall conform to the 2016 CBC, CMC, CPC, CEC, CRC, CGC and 2016 CA Energy Code.

Group/Division/Type
High Fire Hazard ☐ Yes ☐ No

Valuation
$125,000.00
Fire Sprinklers ☐ Yes ☐ No

Building	$1,103.53
Electrical	
Mechanical	
Plumbing	
Plan check	
Issuance	$17.33
Scanning	$3.00
Water Quality	
Total City Fee Due	$1,120.86
SMIP	
SB 1473	$5.00
Total Amount Paid	$1,128.86

Issuance Approved Joanna Stevens

Date Issued	Receipt Number
Thu, Aug 10, 2017	23201

Permit Number: 79247

CONSTRUCTION AND PLANNING APPROVALS Permit #_____	Date	Insp.
1. Temporary Electrical Service or Pole		
2. Soil Pipe--Underground		
3. Water Pipe--Underground / Underslab		
4. Water Service		
5. Property Sewer / House Connection		
6. Electrical Conduit--Underground		
7. Gas Line Underground & Test		
8. Footings & Steel Ufer ☐		
9. Foundation--Slab on Grade		
10. Retaining Wall Footing		
11. Pre--Grout ☐ Drainage ☐		
12. Gas Pipe-Underground & Test		
13. Rough Plumbg./Top Out/Shower Pan		
14. Roof Drains & Overflows		
15. Rough Electrical--Conduit		
16. Rough Electrical Wiring		
17. Rough Heating & Air Conditioning		
18. Rough Factory Fireplace		
19. Ducts, Ventilating		
20. Fire Dampers		
21. Floor Sheathing		
22. Roof Sheathing		
23. Roof Framing		
24. Approved to Cover Exterior		
25. Rough Frame and Flashing		
26. "T" Bar Ceiling/Elect./Mechanical		
27. Insulation		
28. Lathing ☐ Interior ☐ Exterior		
29. Drywall Nailing		
30. Electric Power Meter Final		
31. Final Electric		
32. Final Sign		
33. Hood or Canopy Final		
34. Final Factory Fireplace		
35. Final Mechanical		
36. Final Plumbing		
37. Water Service Final/Release		
38. Gas Final Including Connectors		
39. Solar Domestic--Final		
40. Re-roof Final	9/15/2017	Dan L
41. Retaining Wall Final		
42. Handicap Regulations		
43. Landscape Final		
44. Zoining--Final		
45. Engineering--Final		
46. Health--Final		
47. Final Structure & Building	9/15/2017	Dan L
48. Gas Release		
49. Electric Release		
***Inspector's Initials & Name	Dan L	DAN LINDQUIST

POOL AND SPA APPROVALS Permit #_____	Date	Insp.
1. Pool & Equipment Location		
2. Steel Reinforcement		
3. Electrical Bonding		
4. Rough Plumbing & Pressure Test		
5. APPROVAL TO COVER--GUNITE		
6. Electrical Conduit--Underground		
7. Gas Pipe, ☐ Underground, Test		
8. Backwash Lines, P-Trap, ☐ Und.		
9. Backwash & Receptor--Final		
10. Fencing and Access Approval		
11. APPROVED FOR PLASTERING		
12. Heater & Vent--Final		
13. Plumbing System--Final		
14. Electrical--Final		
15. Solar System--Final		
16. POOL / SPA SYSTEM FINAL		

FIRE DEPT. REQUIREMENT APPROVALS Permit #_____	Date	Insp.
1. UNDERGROUND HYDRO		
2. PRODUCT PIPING ☐ GAS ☐ OIL		
3. UNDERGROUND FLUSH		
4. UND. STRG. TANK ☐ GAS ☐ OIL		
5. OVERHEAD HYDRO		
6. DRY CHEMICAL		
7. DRY STANDPIPE		
8. FIXED SYSTEM FINAL		
9. FIRE PREVENTION FINAL		

NOTES:

I, AS THE CONTRACTOR, HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT I AM A CERTIFIED HOME IMPROVEMENT CONTRACTOR UNDER THE PROVISIONS OF SECTIONS 7150 AND 7151 OF THE STATE OF CALIFORNIA BUSINESS AND PROFESSIONS CODE.

DATE:_____ **CONTRACTOR:**_____

Stantec

Stantec is a global leader in sustainable architecture, engineering, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.



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FCS
An ADEC Innovation

E.2 - Phase II Environmental Site Assessment

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Phase II Environmental Site Assessment

15 Argonaut
Aliso Viejo, California 92656

Stantec

Prepared for:
Brandywine Homes

Prepared by:
Stantec Consulting Services, Inc.

Date:
September 4, 2025

Project/File:
185807004

Stantec Consulting Services Inc.

Disclaimer

The conclusions in the Report entitled Phase II Environmental Site Assessment are Stantec's professional opinion, as of the time of the Report, and concerning the scope described in the Report. The opinions in the document are based on conditions and information existing at the time the scope of work was conducted and do not take into account any subsequent changes. The Report relates solely to the specific project for which Stantec was retained and the stated purpose for which the Report was prepared. The Report is not to be used or relied on for any variation or extension of the project, or for any other project or purpose, and any unauthorized use or reliance is at the recipient's own risk.

Stantec can neither warrant nor guarantee that all information received from Brandywine and third parties in the preparation of the Report is correct. While Stantec has exercised a customary level of judgment or due diligence in the use of such information, Stantec assumes no responsibility for the consequences of any error or omission contained therein.

The work performed herein was done in conformance the Master Services agreement between the Client and Stantec (the "MSA"). In the event of any conflict between this document and the MSA, the MSA will prevail. Any reliance on this document by any third party is strictly prohibited. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

Prepared by:



Signature

Alicia Jansen

Senior Scientist

Reviewed by:



Signature

Jim DeWoody

Principal Scientist

Approved by:



Signature

Kyle Emerson, CEG

Senior Principal Geologist

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Executive Summary

Stantec Consulting Services, Inc. (Stantec) has performed a Phase II Environmental Site Assessment (ESA) of the property located at 35 15 Argonaut, Aliso Viejo, Orange County, California (the "Subject Property" **Figure 1**), on behalf of Brandywine Homes (the "Client"). The work was performed according to the requirements of the Master Services Agreement between Brandywine Homes and Stantec (the "MSA").

The Subject Property consists of approximately 4.35 acres of land associated with Assessor's Parcel Numbers (APNs) 623-093-10 and 623-093-11, and the address of 15 Argonaut, Aliso Viejo, Orange County, California. According to records obtained through Environmental Data Resources (EDR), the Subject Property appears to have been vacant from at least the 1930s to 1980s and was commercially developed with one structure and asphalt parking lot by 1989 in its present-day configuration. The Subject Property building is currently vacant. The adjoining properties and vicinity are developed with commercial/light industrial businesses and residential properties. A Subject Property Location Map is provided as Figure 1. A Subject Property Vicinity Map illustrating the main features of the Subject Property and vicinity is provided as Figure 2.

The following potential vapor encroachment condition (pVEC) and recognized environmental condition (REC) were identified during the Phase I ESA completed for Subject Property dated July 14, 2025:

- A west-adjoining fuel station located at 23022 Aliso Creek Road is listed as a gasoline service station since 1996 that reportedly houses three active underground storage tanks (USTs) installed between 2004 and 2016. The USTs range from 10,000 to 20,000 gallons in size and contain diesel, regular and premium unleaded fuel. A minor spill of two gallons of fuel was reported in 2018 due to a vehicle overfill onto concrete. The spill was cleaned by onsite personnel. The site received permit-related violations between 2014 and 2016 which were returned to compliance. No releases are reported at the site. Given the proximity of the fuel station to the Subject Property, and no documented assessment of soil, soil vapor, or groundwater at the site, as well as inferred groundwater flow to the east, this site represented a potential VEC and was considered a REC for the Subject Property.

Accordingly, to evaluate the concern identified above, Stantec performed a Phase II Environmental Site Assessment to evaluate subsurface conditions at the Subject Property.

Phase II ESA Results

All work was conducted under the direct supervision of a State of California professional geologist. Stantec provided the services of a field geologist to supervise and direct all on-site activities performed during this investigation, which included the following:

- Stantec obtained an Underground Service Alert (USA) ticket number prior to commencement of drilling activities. Additionally, Stantec subcontracted a private utility locator to clear all proposed boring locations.

- On August 26, 2025, Stantec personnel oversaw the advancement of three (3) soil vapor borings (SV-1 through SV-3) to 5-feet below ground surface (bgs) on the Subject Property.
- On August 28, 2025, Stantec personnel oversaw soil vapor sampling of the newly-installed soil vapor probes at the Site. Soil vapor sampling was performed by A&R Laboratories (ARL), and analyzed on-site in a mobile laboratory. Soil boring SV-2 was submerged in water due to irrigation and no sample could be collected.

Soils encountered during this investigation generally consisted of silt and clay with sand to the maximum explored depth of 5.5 feet below ground surface (bgs). PID readings were measured at 0.0 parts per million by volume (ppmV) at all locations. No olfactory response, staining, or odors were observed in any borings advanced during this investigation.

Laboratory analytical test results from this assessment are attached as **Appendix A**. A summary of the analytical data from this assessment is provided below:

- Soil Vapor: There were no detections of any volatile organic compounds (VOCs) above their respective laboratory reporting limits in the two soil vapor samples collected during this assessment (i.e. “non-detect”).

Given there were no detections of VOCs above their corresponding laboratory reporting limits, the off-site west-adjoining fuel station does not present a VEC to the Subject Property. No further assessment appears to be warranted.

1 Introduction

Stantec Consulting Services, Inc. (Stantec) has performed a Phase II Environmental Site Assessment (ESA) of the property located at 35 15 Argonaut, Aliso Viejo, Orange County, California (the "Subject Property" **Figure 1**), on behalf of Brandywine Homes (the "Client"). The work was performed according to the requirements of the Master Services Agreement between Brandywine Homes and Stantec (the "MSA").

1.1 Property Description and Operations

The Subject Property consists of approximately 4.35 acres of land associated with Assessor's Parcel Numbers (APNs) 623-093-10 and 623-093-11, and the address of 15 Argonaut, Aliso Viejo, Orange County, California. According to records obtained through Environmental Data Resources (EDR), the Subject Property appears to have been vacant from at least the 1930s to 1980s and was commercially developed with one structure and asphalt parking lot by 1989 in its present-day configuration. The Subject Property building is currently vacant. The adjoining properties and vicinity are developed with commercial/light industrial businesses and residential properties. A Subject Property Location Map is provided as Figure 1. A Subject Property Vicinity Map illustrating the main features of the Subject Property and vicinity is provided as Figure 2.

1.1.1 Site Geology and Hydrogeology

According to a previous environmental site assessment for the Subject Property by EMG in 2016, the general geology of the Subject Property and vicinity is comprised of sandstone, mudstone, siltstone, evaporite and conglomerate, dating from the Oligocene to the Pliocene epochs (EMG, 2016).

According to California DOC Earthquake Zone Map (Department of Conservation Map Server (ca.gov)), the Subject Property is not located within an Alquist-Priolo (AP) Earthquake Fault Zone boundary. The closest fault zone is located approximately 20 miles to the northwest of the Subject Property. The Subject Property lies within a Landslide Zone.

The Subject Property lies within the Aliso Creek Watershed located in southern Orange County. The Watershed is part of the Laguna subunit of the San Juan Hydrologic Basin. The Basin is comprised of coastal watersheds which drain to the Pacific Ocean. The Aliso Creek Watershed drains approximately 30 square miles and has limited water-bearing formations, which include two alluvial aquifers and one deeper aquifer. The alluvial aquifers are separated by a shale formation. Groundwater extraction is limited within this area due to saltwater intrusion (Orange County, 2018).

Site specific groundwater investigations were not conducted during this ESA; however, according to a 2022 *Second Half Groundwater Monitoring Report* for a release site located approximately one mile to the north, groundwater in the vicinity is estimated to be approximately 7.19-15.64 feet below top of well casing (btoc) with a flow direction generally to the east.

1.2 Background

The following potential vapor encroachment condition (pVEC) and recognized environmental condition (REC) were identified during the Phase I ESA completed for Subject Property dated July 14, 2025:

- A west-adjoining fuel station located at 23022 Aliso Creek Road is listed as a gasoline service station since 1996 that reportedly houses three active underground storage tanks (USTs) installed between 2004 and 2016. The USTs range from 10,000 to 20,000 gallons in size and contain diesel, regular and premium unleaded fuel. A minor spill of two gallons of fuel was reported in 2018 due to a vehicle overfill onto concrete. The spill was cleaned by onsite personnel. The site received permit-related violations between 2014 and 2016 which were returned to compliance. No releases are reported at the site. Given the proximity of the fuel station to the Subject Property, and no documented assessment of soil, soil vapor, or groundwater at the site, as well as inferred groundwater flow to the east, this site represents a potential VEC and is considered a REC for the Subject Property.

2 Field Investigation

All work was conducted under the direct supervision of a State of California professional geologist. Stantec provided the services of a field geologist to supervise and direct all on-site activities performed during this investigation, which included the following:

- Stantec obtained an Underground Service Alert (USA) ticket number prior to commencement of drilling activities. Additionally, Stantec subcontracted a private utility locator to clear all proposed boring locations.
- On August 26, 2025, Stantec personnel oversaw the advancement of three (3) soil vapor borings (SV-1 through SV-3) to 5-feet below ground surface (bgs) on the Subject Property.
- On August 28, 2025, Stantec personnel oversaw soil vapor sampling of the newly-installed soil vapor probes at the Site. Soil vapor sampling was performed by A&R Laboratories (ARL), and analyzed on-site in a mobile laboratory. Soil boring SV-2 was submerged in water due to irrigation and no sample could be collected.

All boring locations advanced during this investigation are depicted on **Figure 2**.

2.1 Pre-Field Activities

In accordance with federal Occupational Safety and Health Administration (OSHA) regulations (29 CFR, Section 1910.120), Stantec developed a site-specific Health and Safety Plan (HASP) for the Property. All Stantec personnel and subcontractors associated with the project were required to be familiar with and comply with all provisions of the HASP.

Stantec visited the Property to mark the proposed boring locations. Subsequent to the marking, underground service alert (USA) was notified at least 72-hours prior to the commencement of drilling activities.

2.2 Investigation

All soil and soil vapor borings were advanced using a hand auger to a maximum explored depth of 5.5 feet below ground surface (bgs). Soil vapor samples were collected to assess for the presence of VOCs. Boring locations are depicted on **Figure 2**.

2.2.1 Soil Boring and Sampling Protocols

All locations were cleared of belowground utilities by clearing the top 5.5 feet of soil using a hand auger. The soils from each of the direct push borings were visually examined by Stantec field personnel who classified the soils in accordance with the Unified Soil Classification System (USCS). A photo-ionization detector (PID) was used to monitor/field screen the soils collected. Field screening for VOCs was

achieved by removing the soil from the uppermost sample sleeve and placing it in a zip-lock type baggie. A PID probe was inserted into the baggie to monitor the headspace for VOC vapors.

Following classification and VOC vapor evaluation, the soil samples were carefully packaged for chemical analysis by sealing the ends of the acetate liner with Teflon ® sheeting, covering with plastic end caps, and sealing with non-VOC containing tape. The sample containers were labeled with the appropriate identification information (boring number, sample depth, sample collection date, and sample collection time). The samples were logged on a chain-of-custody form and delivered to a state certified laboratory for analysis. Laboratory analysis is discussed in Section 3.0.

2.2.2 Soil Vapor Probe Installation

At the completion of drilling to the target depths, select soil borings were converted to soil vapor monitoring points at the five-foot depth interval. Subsurface soil vapor probe installation was performed in accordance with the July 2015 DTSC “Advisory - Active Soil Gas Investigations” (DTSC Advisory).

Each sample probe was constructed with a 1-inch-long Airstone sampling screen set at the prescribed sampling intervals. Each of the sampling screens was constructed with a permeable Airstone vapor tip connected to ¼-inch outer diameter Nylaflow tubing that was lowered to the bottom of the borehole and backfilled with filter sand, until approximately 12-inches of filter pack was placed. A transition seal consisting of approximately 12-inches of dry bentonite was then placed above the filter pack, followed by an annular seal consisting of hydrated bentonite until the next sampling interval was reached. The sequence was then repeated to install the second monitoring point, and/ or completely backfill the borehole. At the surface, the exposed nylon tubing was capped with tight fitting plastic endcaps and labeled to indicate sampling depth. After installation of the soil vapor sample probes, subsurface conditions were allowed to equilibrate a minimum of 48-hours prior to leak testing and sample collection on August 28, 2025.

2.2.3 Soil Vapor Sampling

Soil vapor samples were collected on August 28, 2025, in accordance with the methods and procedures outlined by the DTSC Advisory, a minimum of 48-hours after installation, in order to allow for equilibration.

Prior to sampling, a shut-in test was conducted on the sampling train to ensure all connections and fittings were airtight. The shut-in test was performed on the sampling train by applying a vacuum of 100 inches of water to the sampling train and monitoring magnehelic gauges for a pressure drop for one minute. If loss of vacuum was observed, the fittings were adjusted as needed until no vacuum loss was observed during subsequent shut-in tests.

After the sampling equipment passed the shut-in test, the probes were purged using an air pump outfitted with a low-flow module to remove internal air from the sample train (calculated from the internal volume of the tubing and probe tip); the void space of the sand pack around the probe tip; and the void space of the dry bentonite (in the annular space). Three internal volumes were purged from each sampling location at a rate less than 200 milliliters per minute (ml/min).

Immediately following purging the internal volumes, the soil vapor samples were collected by the soil vapor sampling technician into pre-cleaned glass syringes at a rate of 200 ml/min. A tracer compound of was placed above the surface seal and along the sampling train to evaluate the integrity of the seal. No tracer compounds were detected in the soil vapor samples collected during this investigation. The soil vapor samples were transported to the on-site mobile laboratory and analyzed within 30 minutes of sample collection.

2.2.4 Field Equipment Cleaning Procedures

To maintain quality control during drilling operations, all drill rods and reusable soil sampling equipment was decontaminated using a triple bucket rinse. Prior to drilling at a given location or sampling interval, all equipment coming in direct contact with soil samples was scrubbed with an Alconox scrub solution followed by a clean tap water rinse and then a final distilled water rinse. The disposable acetate soil sample liners were used for one sampling interval and then discarded.

3 Laboratory Testing Program

Soil vapor samples collected during this investigation were delivered under COC to the on-site mobile laboratory operated by A&R Laboratories (ARL), based in Ontario, California. All soil vapor samples were analyzed for VOCs USEPA test method 8260 by the on-site mobile laboratory.

ARL are certified to perform hazardous waste testing by the California State Water Resources Control Board Environmental Laboratory Accreditation Program (ELAP).

Complete laboratory analytical results are presented on the laboratory data sheets attached as **Appendix A**.

4 Investigation Results

4.1 Field Observations

Stantec personnel oversaw a geophysical subsurface survey to clear all locations before ground disturbance. No utility conflicts were identified at proposed boring locations.

Soils encountered during this investigation consisted of sand with silt and clay with sand to the maximum explored depth of 5.5 feet bgs. PID readings were measured at 0.0 parts per million by volume (ppmV) at all locations. No olfactory response, staining, or odors were observed in any borings advanced during this investigation. All borings locations are shown on **Figure 2**.

4.2 Analytical Results

The laboratory test results from this investigation are discussed below and were compared to the DTSC Human and Ecologic Risk Office (HERO), Note Number 3, Modified Indoor Air Screening Level (MIASL) using an attenuation factor (AF) of 0.03. Given the Subject Property is contemplated as a future residential community, residential-use screening criteria were used for evaluation of the analytical data collected during this investigation.

Laboratory analytical test results from this assessment are attached as **Appendix A**.

4.2.1 Soil Vapor Results

Soil boring SV-2 was submerged in water due to irrigation and no sample could be collected. There were no detections of any VOCs above their respective laboratory reporting limits in the two soil vapor samples collected during this assessment (i.e. “non-detect”).

5 Discussion and Recommendations

Stantec has completed an evaluation of subsurface conditions on the Subject Property.

Given there were no detections of VOCs above their corresponding laboratory reporting limits, the off-site west-adjoining fuel station does not present a VEC to the Subject Property. No further assessment appears to be warranted.

6 Limitations

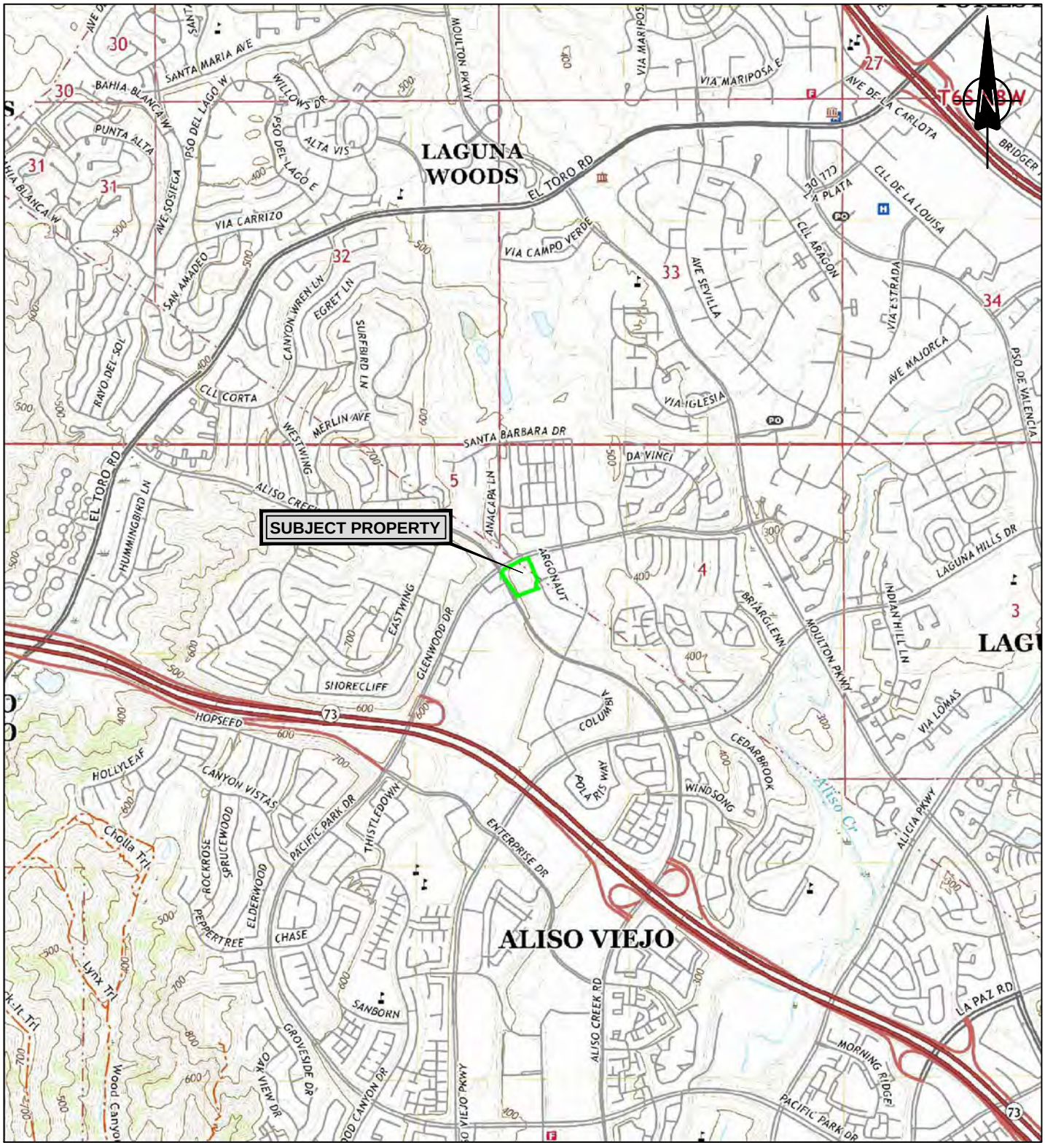
The conclusions presented in this report are professional opinions based on data described in this report, and those data presented by prior investigations performed by others. The opinions of this report have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location and are subject to the following inherent limitations. Stantec makes no other warranty, either expressed or implied, concerning the conclusions and professional advice that is contained within the body of this report.

Inherent in most projects performed in a heterogeneous subsurface environment, continuing excavation and assessments may reveal findings that are different than those presented herein. This facet of the environmental profession should be considered when formulating professional opinions on the limited data collected on these projects.

This report has been issued with the clear understanding that it is the responsibility of the owner, or their representative, to make appropriate notifications to regulatory agencies. It is specifically not the responsibility of Stantec to conduct appropriate notifications as specified by current County and State regulations.

The information presented in this report is valid as of the date our exploration was performed. Site conditions may degrade with time; consequently, the findings presented herein are subject to change. In the event of any conflict between the terms and conditions of this report and the terms and conditions of the MSA, the MSA shall control.

Figures



NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC SERVICES INC. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

SUBJECT PROPERTY LOCATION MAP

PHASE I ENVIRONMENTAL SITE ASSESSMENT

15 ARGONAUT, ALISO VIEJO, CALIFORNIA 92656

Project No.:	185807004
Scale:	AS SHOWN
Date:	25/07/17
Dwn. By:	CD SC2025070028
App'd By:	KE

Fig. No.: 1

Client: BRANDYWINE HOMES

Stantec

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Stantec Consulting Ltd. © 2025



N

LEGEND

SUBJECT PROPERTY BOUNDARY

0 100 200 300FT

SCALE : AS SHOWN

NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING LTD. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

SUBJECT PROPERTY DETAILS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

15 ARGONAUT, ALISO VIEJO, CALIFORNIA 92656

Client: BRANDYWINE HOMES

Project No.:	185807004
Scale:	AS SHOWN
Date:	25/07/17
Dwn. By:	CS OK SC2025070029
App'd By:	KE

Fig. No.: 2

Stantec

Appendices

Appendix A Laboratory Data Sheets

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng, President 09/02/2025 12:12:43
Laboratory Job No. (Certificate of Analysis No.)	2508-00288
Project Name / No.	15 Argonaut Aliso Viejo, CA 92656 185807004
Dates Sampled (from/to)	08/28/25 To 08/28/25
Dates Received (from/to)	08/28/25 To 08/28/25
Dates Reported (from/to)	09/02/25 To 9/2/2025
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

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CERTIFICATE OF ANALYSIS

2508-00288

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	09/02/25
Date Received	08/28/25
Invoice No.	6248
Cust #	1003
Permit Number	
Customer P.O.	185807004

Project: 15 Argonaut Aliso Viejo, CA 92656

Sample: 001 **SV-1-5'** Date & Time Sampled: 08/28/25 @ 7:45
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[Fixed Gases]													
Oxygen	**18.2**	0.25	0.50	%							ASTM D-1946	08/28/25	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromodichloromethane	<0.0026	0.0026	0.010	µg/L	<2.6	2.6	10	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
2-Butanone (MEK)	<0.0325	0.0325	0.07	µg/L	<32.5	32.5	70	µg/m3		0.13	EPA 8260B	08/28/25	JRG
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Carbon Disulfide	<0.0325	0.0325	0.07	µg/L	<32.5	32.5	70	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Chloroform	<0.0026	0.0026	0.0052	µg/L	<2.6	2.6	5	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dibromoethane (EDB)	<0.0013	0.0013	0.013	µg/L	<1.3	1.3	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dibromo-3-Dibromomethane	<0.0013	0.0013	0.013	µg/L	<1.3	1.3	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG

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CERTIFICATE OF ANALYSIS

2508-00288

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	09/02/25
Date Received	08/28/25
Invoice No.	6248
Cust #	1003
Permit Number	
Customer P.O.	185807004

Project: 15 Argonaut Aliso Viejo, CA 92656

Sample: 001 **SV-1-5'** Date & Time Sampled: 08/28/25 @ 7:45
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dichloroethane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	08/28/25	JRG
4-Methyl-2-Pentanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Naphthalene	<0.0026	0.0026	0.0065	µg/L	<2.6	2.6	7	µg/m3		0.13	EPA 8260B	08/28/25	JRG
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1,2,2-Tetrachloroethane	<0.0016	0.00156	0.013	µg/L	<1.6	1.6	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1,2-Trichloroethane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG

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USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research

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CERTIFICATE OF ANALYSIS

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Date Reported	09/02/25
Date Received	08/28/25
Invoice No.	6248
Cust #	1003
Permit Number	
Customer P.O.	185807004

Project: 15 Argonaut Aliso Viejo, CA 92656

Sample: 001 **SV-1-5'** Date & Time Sampled: 08/28/25 @ 7:45
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Vinyl Chloride	<0.0003	0.000312	0.0065	µg/L	<0.3	0.3	7	µg/m3		0.13	EPA 8260B	08/28/25	JRG
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	08/28/25	JRG
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
[VOC Vapor Sampling													
Isopropanol (IPA)	<0.0325	0.0325	0.07	µg/L	<32.5	32.5	70	µg/m3		0.13	EPA 8260B	08/28/25	JRG
[VOC Surrogates]													
Dibromofluoromethane	80		70-130	%REC							EPA 8260B	08/28/25	JRG
Toluene-D8	106		70-130	%REC							EPA 8260B	08/28/25	JRG
Bromofluorobenzene	82		70-130	%REC							EPA 8260B	08/28/25	JRG

Sample: 002 **SV-3-5'** Date & Time Sampled: 08/28/25 @ 8:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**

[Fixed Gases]													
Oxygen	**20.3**	0.25	0.50	%							ASTM D-1946	08/28/25	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromodichloromethane	<0.0026	0.0026	0.010	µg/L	<2.6	2.6	10	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
2-Butanone (MEK)	<0.0325	0.0325	0.07	µg/L	<32.5	32.5	70	µg/m3		0.13	EPA 8260B	08/28/25	JRG

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CERTIFICATE OF ANALYSIS

2508-00288

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	09/02/25
Date Received	08/28/25
Invoice No.	6248
Cust #	1003
Permit Number	
Customer P.O.	185807004

Project: 15 Argonaut Aliso Viejo, CA 92656

Sample: 002 **SV-3-5'** Date & Time Sampled: 08/28/25 @ 8:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Carbon Disulfide	<0.0325	0.0325	0.07	µg/L	<32.5	32.5	70	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Chloroform	<0.0026	0.0026	0.0052	µg/L	<2.6	2.6	5	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dibromoethane (EDB)	<0.0013	0.0013	0.013	µg/L	<1.3	1.3	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dibromo-3-Dibromomethane	<0.0013	0.0013	0.013	µg/L	<1.3	1.3	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dichloroethane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG

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CERTIFICATE OF ANALYSIS

2508-00288

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	09/02/25
Date Received	08/28/25
Invoice No.	6248
Cust #	1003
Permit Number	
Customer P.O.	185807004

Project: 15 Argonaut Aliso Viejo, CA 92656

Sample: 002 **SV-3-5'** Date & Time Sampled: 08/28/25 @ 8:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	08/28/25	JRG
4-Methyl-2-Pentanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Naphthalene	<0.0026	0.0026	0.0065	µg/L	<2.6	2.6	7	µg/m3		0.13	EPA 8260B	08/28/25	JRG
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1,2,2-Tetrachloroethane	<0.0016	0.00156	0.013	µg/L	<1.6	1.6	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1,2-Trichloroethane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Vinyl Chloride	<0.0003	0.000312	0.0065	µg/L	<0.3	0.3	7	µg/m3		0.13	EPA 8260B	08/28/25	JRG
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	08/28/25	JRG
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
[VOC Vapor Sampling													
Isopropanol (IPA)	<0.0325	0.0325	0.07	µg/L	<32.5	32.5	70	µg/m3		0.13	EPA 8260B	08/28/25	JRG

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CERTIFICATE OF ANALYSIS

2508-00288

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	09/02/25
Date Received	08/28/25
Invoice No.	6248
Cust #	1003
Permit Number	
Customer P.O.	185807004

Project: 15 Argonaut Aliso Viejo, CA 92656

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 002 **SV-3-5'**									Date & Time Sampled:		08/28/25 @ 8:30		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
[VOC Surrogates]													
Dibromofluoromethane	82		70-130	%REC							EPA 8260B	08/28/25	JRG
Toluene-D8	106		70-130	%REC							EPA 8260B	08/28/25	JRG
Bromofluorobenzene	82		70-130	%REC							EPA 8260B	08/28/25	JRG
Sample: 003 **SV-3-5-DUP**									Date & Time Sampled:		08/28/25 @ 8:30		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[Fixed Gases]													
Oxygen	**19.1**	0.25	0.50	%							ASTM D-1946	08/28/25	KZ
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromodichloromethane	<0.0026	0.0026	0.010	µg/L	<2.6	2.6	10	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
2-Butanone (MEK)	<0.0325	0.0325	0.07	µg/L	<32.5	32.5	70	µg/m3		0.13	EPA 8260B	08/28/25	JRG
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Carbon Disulfide	<0.0325	0.0325	0.07	µg/L	<32.5	32.5	70	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Chloroform	<0.0026	0.0026	0.0052	µg/L	<2.6	2.6	5	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG

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SAN BERNARDINO, CA 92408

Date Reported	09/02/25
Date Received	08/28/25
Invoice No.	6248
Cust #	1003
Permit Number	
Customer P.O.	185807004

Project: 15 Argonaut Aliso Viejo, CA 92656

Sample: 003 **SV-3-5-DUP** Date & Time Sampled: 08/28/25 @ 8:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dibromoethane (EDB)	<0.0013	0.0013	0.013	µg/L	<1.3	1.3	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dibromo-3-	<0.0013	0.0013	0.013	µg/L	<1.3	1.3	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dichloroethane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	08/28/25	JRG
4-Methyl-2-Pentanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Naphthalene	<0.0026	0.0026	0.0065	µg/L	<2.6	2.6	7	µg/m3		0.13	EPA 8260B	08/28/25	JRG
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG

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CERTIFICATE OF ANALYSIS

2508-00288

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

Date Reported	09/02/25
Date Received	08/28/25
Invoice No.	6248
Cust #	1003
Permit Number	
Customer P.O.	185807004

Project: 15 Argonaut Aliso Viejo, CA 92656

Sample: 003 **SV-3-5-DUP** Date & Time Sampled: 08/28/25 @ 8:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1,2,2-Tetrachloroethane	<0.0016	0.00156	0.013	µg/L	<1.6	1.6	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,1,2-Trichloroethane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
Vinyl Chloride	<0.0003	0.000312	0.0065	µg/L	<0.3	0.3	7	µg/m3		0.13	EPA 8260B	08/28/25	JRG
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	08/28/25	JRG
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	08/28/25	JRG
[VOC Vapor Sampling													
Isopropanol (IPA)	<0.0325	0.0325	0.07	µg/L	<32.5	32.5	70	µg/m3		0.13	EPA 8260B	08/28/25	JRG
[VOC Surrogates]													
Dibromofluoromethane	82		70-130	%REC							EPA 8260B	08/28/25	JRG
Toluene-D8	90		70-130	%REC							EPA 8260B	08/28/25	JRG
Bromofluorobenzene	87		70-130	%REC							EPA 8260B	08/28/25	JRG

Respectfully Submitted:

Ken Zheng - President

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QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL
B1= BOD blank is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution
E = Estimated value
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference
J = Analyte concentration detected between RL and MDL

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit
MDL = Method Detection Limit
Qual = Qualifier
Tech = Technician

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QUALITY CONTROL DATA REPORT

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN
735 E. CARNEGIE DR., STE. 280
SAN BERNARDINO, CA 92408

2508-00288

Date Reported	**09/02/2025**
Date Received	**08/28/2025**
Date Sampled	**08/28/2025**
Invoice No.	**6248**
Customer #	**1003**
Customer P.O.	**185807004**

Project: 15 Argonaut Aliso Viejo, CA 92656

Method # EPA 8260B
QC Reference # 124497 **Date Analyzed:** 8/28/2025 **Technician:** JRG
Samples 001 002 003

Results

	LCS %REC	LCS %DUP	LCS %RPD	BLKSRR% REC
1,1-Dichloroethene	93	103	10.7	
Benzene	110	105	4.1	
Bromofluorobenzene				74
Chlorobenzene	94	118	22.5	
Dibromofluoromethan				92
Toluene	91	112	20.1	
Toluene-D8				130
Trichloroethene	86	103	18.3	

Control Ranges

LCS %REC	LCS %RPD	BLKSRR%REC
70 - 130	0 - 25	
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	

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QUALITY CONTROL DATA REPORT

2508-00288

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN

Date Reported 09/02/2025
Date Received 08/28/2025
Date Sampled 08/28/2025

Project: 15 Argonaut Aliso Viejo, CA 92656

Method blank results

Ref	Test Name	Result	Qualif	Units	MDL	Ref	Test Name	Result	Qualif	Units	MDL
124497	Acetone	<0.0650		µg/L	0.0650		Methyl-t-butyl Ether (MtBE)	<0.0065		µg/L	0.0065
	Benzene	<0.0031		µg/L	0.0031		Naphthalene	<0.0026		µg/L	0.0026
	Bromobenzene	<0.0065		µg/L	0.0065		n-Propylbenzene	<0.0065		µg/L	0.0065
	Bromochloromethane	<0.0065		µg/L	0.0065		Styrene	<0.0065		µg/L	0.0065
	Bromodichloromethane	<0.0026		µg/L	0.0026		1,1,1,2-Tetrachloroethane	<0.0065		µg/L	0.0065
	Bromoform	<0.0065		µg/L	0.0065		1,1,2,2-Tetrachloroethane	<0.0016		µg/L	0.0016
	Bromomethane	<0.0065		µg/L	0.0065		Tetrachloroethene	<0.0065		µg/L	0.0065
	2-Butanone (MEK)	<0.0325		µg/L	0.0325		Toluene	<0.0065		µg/L	0.0065
	n-Butylbenzene	<0.0065		µg/L	0.0065		1,2,3-Trichlorobenzene	<0.0065		µg/L	0.0065
	sec-Butylbenzene	<0.0065		µg/L	0.0065		1,2,4-Trichlorobenzene	<0.0065		µg/L	0.0065
	tert-Butylbenzene	<0.0065		µg/L	0.0065		1,1,1-Trichloroethane	<0.0065		µg/L	0.0065
	Carbon Disulfide	<0.0325		µg/L	0.0325		1,1,2-Trichloroethane	<0.0026		µg/L	0.0026
	Carbon Tetrachloride	<0.0033		µg/L	0.0033		Trichloroethene	<0.0065		µg/L	0.0065
	Chlorobenzene	<0.0065		µg/L	0.0065		1,2,3-Trichloropropane	<0.0026		µg/L	0.0026
	Chloroethane	<0.0065		µg/L	0.0065		Trichlorofluoromethane	<0.0065		µg/L	0.0065
	Chloroform	<0.0026		µg/L	0.0026		Trichlorotrifluoroethane	<0.0065		µg/L	0.0065
	Chloromethane	<0.0065		µg/L	0.0065		1,2,4-Trimethylbenzene	<0.0065		µg/L	0.0065
	2-Chlorotoluene	<0.0065		µg/L	0.0065		1,3,5-Trimethylbenzene	<0.0065		µg/L	0.0065
	4-Chlorotoluene	<0.0065		µg/L	0.0065		Vinyl Chloride	<0.0003		µg/L	0.0003
	Dibromochloromethane	<0.0065		µg/L	0.0065		m,p-Xylenes	<0.0130		µg/L	0.0130
	1,2-Dibromoethane (EDB)	<0.0013		µg/L	0.0013		o-Xylene	<0.0065		µg/L	0.0065
	1,2-Dibromo-3-Chloropropane	<0.0013		µg/L	0.0013		Isopropanol (IPA)	<0.0325		µg/L	0.0325
	Dibromomethane	<0.0065		µg/L	0.0065						
	1,2-Dichlorobenzene	<0.0065		µg/L	0.0065						
	1,3-Dichlorobenzene	<0.0065		µg/L	0.0065						
	1,4-Dichlorobenzene	<0.0065		µg/L	0.0065						
	Dichlorodifluoromethane	<0.0065		µg/L	0.0065						
	1,1-Dichloroethane	<0.0065		µg/L	0.0065						
	1,2-Dichloroethane	<0.0026		µg/L	0.0026						
	1,1-Dichloroethene	<0.0065		µg/L	0.0065						
	cis-1,2-Dichloroethene	<0.0065		µg/L	0.0065						
	trans-1,2-Dichloroethene	<0.0065		µg/L	0.0065						
	1,2-Dichloropropane	<0.0065		µg/L	0.0065						
	1,3-Dichloropropane	<0.0065		µg/L	0.0065						
	2,2-Dichloropropane	<0.0065		µg/L	0.0065						
	1,1-Dichloropropene	<0.0065		µg/L	0.0065						
	cis-1,3-Dichloropropene	<0.0065		µg/L	0.0065						
	trans-1,3-Dichloropropene	<0.0065		µg/L	0.0065						
	Ethylbenzene	<0.0065		µg/L	0.0065						
	Hexachlorobutadiene	<0.0065		µg/L	0.0065						
	2-Hexanone	<0.0650		µg/L	0.0650						
	Isopropylbenzene	<0.0065		µg/L	0.0065						
	4-Isopropyltoluene	<0.0065		µg/L	0.0065						
	Methylene Chloride	<0.0065		µg/L	0.0065						
	4-Methyl-2-Pentanone (MIBK)	<0.0650		µg/L	0.0650						

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QUALITY CONTROL DATA REPORT

2508-00288

STANTEC CONSULTING SVCS., INC.
ALICIA JANSEN

Date Reported	**09/02/2025**
Date Received	**08/28/2025**
Date Sampled	**08/28/2025**

Project: 15 Argonaut Aliso Viejo, CA 92656

Respectfully Submitted: Ken Zheng

Ken Zheng - President

ARL

A & R Laboratories
1650 S. Grove Ave., Ste C, Ontario, CA 91761
Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
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CHAIN OF CUSTODY

A & R Work Order #: 2508-288

Page 1 of 1

Client Name: Stantec
E-mail: Alicia.Jansen@Stantec.com
Address: 785 E Carnegie Dr. STE. 280, SN BDNO, CA 92408
Report Attention: Alicia J
Phone #
Fax: #
Sampled By
Project No./ Name
Project Site: 15 Argonaut, Aliso Viejo CA 92656

☐ Chilled ☐ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☐ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B (BTEX & Oxygenates)	8260B (Gasoline)	8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	O2	Remarks
1	SV-1-5'	8/28/25	7:45	Air		Tedlar	X									X	
2	SV-3-5'	↓	8:30	↓		↓	↓									↓	
3	SV-3-5-Dup	↓	8:30	↓		↓	↓									↓	

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	Stantec	8/28/25	2930	[signature]	ARLabs	8/28/25	09:30
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; AR=Air; PP=Pure Product

Preservative Code: IC=Ice; HC=HCl; HN=HNO_3; SH=NaOH; ST=$Na_2S_2O_3$; HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag; G=Glass Container; ST= Steel Tube; B= Brass Tube; P=Plastic Bottle; V=VOA Vial; E= EnCore

Stantec

Stantec is a global leader in sustainable engineering, architecture, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.