INITIAL STUDY/PROPOSED MITIGATED NEGATIVE DECLARATION

OHLONE COLLEGE, FREMONT CAMPUS

PHOTOVOLTAIC PROJECT

February 2012

Prepared For:

The Board of Trustees of Ohlone Community College District
43600 Mission Boulevard
Fremont, California 94539

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1.0 ENVIRONMENTAL CHECKLIST/INITIAL STUDY

Project Title:	Ohlone College Fremont Campus Photovoltaic Project
Lead Agency:	The Board of Trustees of Ohlone Community College District
Location:	Ohlone College Fremont Campus 43600 Mission Boulevard Fremont, California 94539
Existing General Plan Land Use Designation:	Public Facility (City of Fremont 2011)[1]
Existing Zoning:	Public Facility (P-F) District with Historical Overlay and Hillside Combining District
Existing On-site Land Uses:	Sports field, storage, and open space.
Surrounding Land Uses	The project site is surrounded by campus uses to the north, open space to the east and south, and the campus' receiving and warehouse building and parking lot to the west.
Description of Project:	Development of ground-mounted photovoltaic systems to generate electricity to be used by the campus.
Interested and Responsible Agencies:	None.

1 Community college campuses are not subject to local land use regulations; the Fremont General Plan land use designation and zoning are provided here for informational purposes only.

2.0 INTRODUCTION

2.1 Initial Study

Pursuant to Section 15063 of the California Environmental Quality Act (CEQA) Guidelines (Title 14, California Code of Regulations, Sections 15000 et seq.), an Initial Study is a preliminary environmental analysis that is used by the lead agency as a basis for determining whether an EIR, a Mitigated Negative Declaration, or a Negative Declaration is required for a project. The *State CEQA Guidelines* require that an Initial Study contain a project description; a description of the environmental setting; an identification of environmental effects by checklist or other similar form; an explanation of environmental effects; a discussion of mitigation for significant environmental effects; an evaluation of the project's consistency with existing, applicable land use controls; and the names of persons who prepared the study. Appendix G of the *State CEQA Guidelines* has been used to evaluate the environmental effects in this Initial Study.

Public Resources Code Section 21080(a) states that analysis of a project's environmental impact is required for any "discretionary projects proposed to be carried out or approved by public agencies, including, but not limited to, the enactment and amendment of zoning ordinances." In this case, and pursuant to Public Resources Code Section 21080, the Ohlone Community College District (the District) has determined that an Initial Study is required to determine whether there is substantial evidence that implementation of the photovoltaic project would result in environmental impacts.

State CEQA Guidelines Section 15064 requires that when an Initial Study identifies significant environmental impacts, the Lead Agency must prepare an EIR. However, *State CEQA Guidelines* Section 15070 provides that if all of the impacts can be mitigated to a less than significant level, the Lead Agency may instead prepare a Mitigated Negative Declaration (MND) whereby mitigation measures are incorporated into the project. Based on the analysis presented in this Initial Study, all impacts can be mitigated to a less than significant level with the incorporation of mitigation measures. It has been determined on the basis of this Initial Study that a MND will be prepared (see **Appendix A**).

2.2 Project Approvals

As a public agency principally responsible for approving or carrying out the proposed project, the District Board of Trustees (the Board) is the Lead Agency under CEQA and is responsible for determining the adequacy of the environmental document. It is anticipated that the Board will consider the approval of the proposed project following preparation and circulation of the Initial Study in early 2012.

3.0 PROJECT DESCRIPTION

3.1 Project Background

Ohlone Community College District proposes to install a 1-megawatt (MW) photovoltaic (PV) system in a portion of the Ohlone College Fremont campus. The system would be installed, operated, and maintained by Borrego Solar on behalf of the District under a 25-year maintenance agreement. The project is proposed by the District as part of the California Solar Initiative (CSI), an initiative to create partnerships with the State Department of General Services to develop renewable energy projects at public facilities. The District has secured a 1 MW CSI reservation for the Fremont campus's main PG&E account.

3.2 Project Location and Existing Conditions

The proposed PV project site is located on the Ohlone College campus in Fremont, California (see Figure 1, Project Location). The campus is approximately 534 acres and is located in the southeastern area of Fremont, east of Mission Boulevard and west of the Mission Peak Regional Preserve (see **Figure 2, Campus Map**). The PV system would be installed on the existing soccer field and adjacent undeveloped land located in the southern portion of the campus. Existing development on the project site includes the soccer field, a small stand of bleachers, two small storage/restroom buildings, and an access driveway. Some of the undeveloped portion of the site is used for soil storage related to nearby campus grading and development. The entire site has been graded and filled in the past. An array of high-voltage power transmission lines and towers is present along the south side of the site. **Figure 3, Proposed Site Plan,** shows the proposed layout of the PV system.

The project site is surrounded by campus uses to the north, the campus tennis courts to the east, open space to the east and south, and the campus' receiving and warehouse/maintenance building and parking lot to the west. Residential areas are located beyond the open space south of the project site, as well as to the west across Mission Boulevard and to the north of the campus.

3.3 Project Characteristics

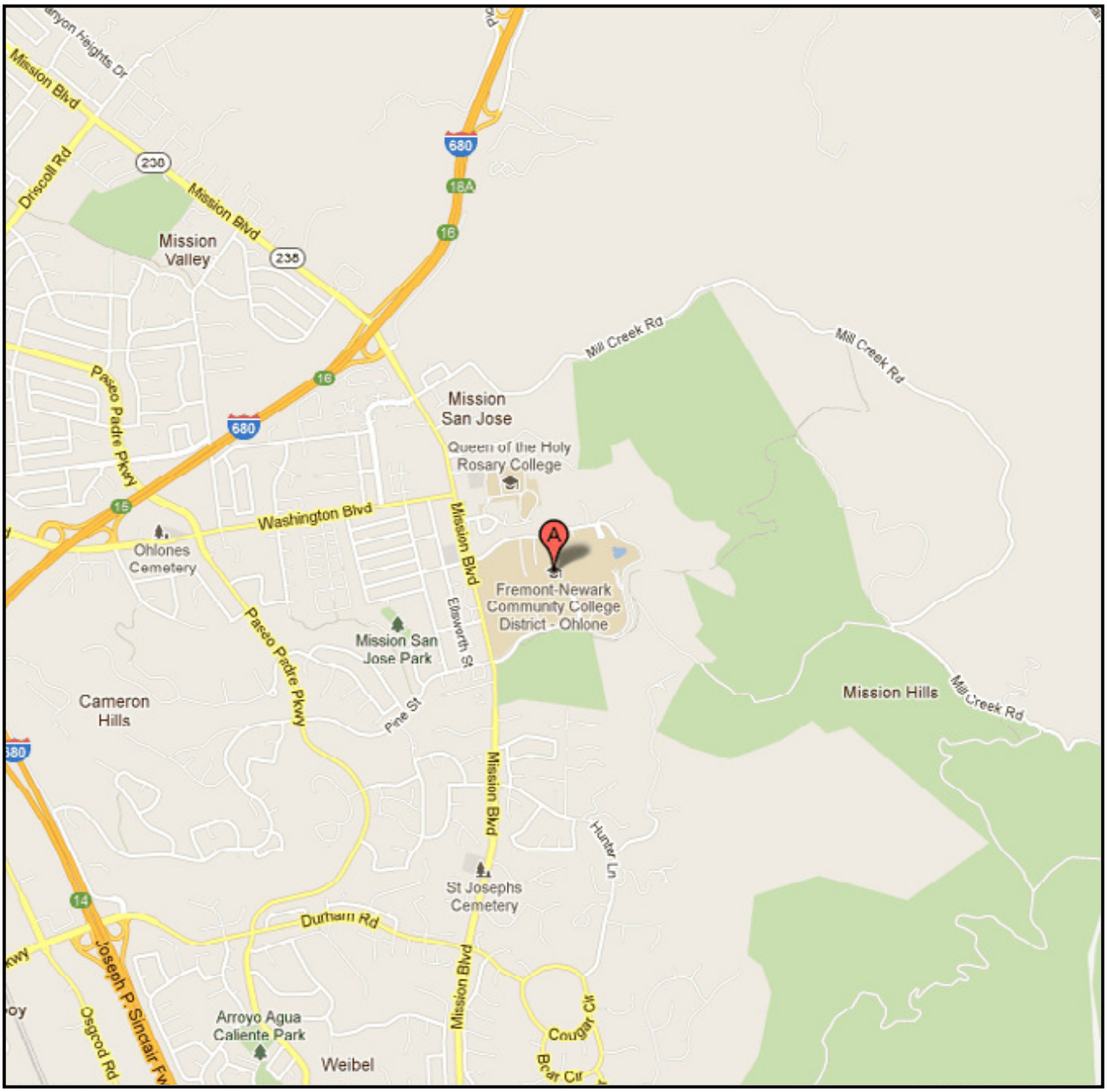
The system would generate approximately 1 megawatt (MW) direct current (DC) of electricity which would be used on campus. The PV system would be ground-mounted and would consist of an array of crystalline solar panels or modules anchored on steel support posts embedded in reinforced concrete using a positive means of attachment (bolts, etc.). Each panel and post assembly would be approximately 7 feet in total height. The PV system would be placed in parallel rows across the site and would cover an area of about 5 acres. The panels would be fitted with tracking systems and motors allowing them to rotate during daylight hours to maximize energy production. Wiring from the panels would be routed

through conduits to an inverter that would be placed on a reinforced concrete pad located adjacent to north of the array. The inverter would convert DC power to alternating current (AC) power. **Figure 4, Typical Ground-Mounted Photovoltaic System,** shows a conceptual view of the proposed PV system. The entire facility, including the inverters, would be secured with a chain link fence.

The system would adhere to California Building Codes and Standards, as well as California Public Utilities Commission's California Solar Initiative program requirements, and all California Energy Commission technical and installation specifications and guidelines. The system design would also be required to maintain a minimum clearance from the existing high-voltage lines and towers.

Construction

The project would require removal of existing landscaping and fencing (the soccer field), grading, and improvement of access driveways; depending on the final configuration of the installation, it may also require removal of the small structures near the soccer field. The proposed grading would remove the existing two plateaus separated by a small rise to create a continuous, gently sloped field for installation of the PV panels. Once the panels are installed, the site would be covered by a permeable ground cover material such as gravel. Staging for the project would occur on the undeveloped portion of the site near Pine Street. Access would be by way of the existing paved driveway from Pine Street to the soccer field and a secondary, currently unpaved driveway further east along Pine Street. Project construction is anticipated to begin in spring 2012 and would be completed in a single phase lasting about three months.



NOT TO SCALE

SOURCE: Google – 2012

FIGURE **1**

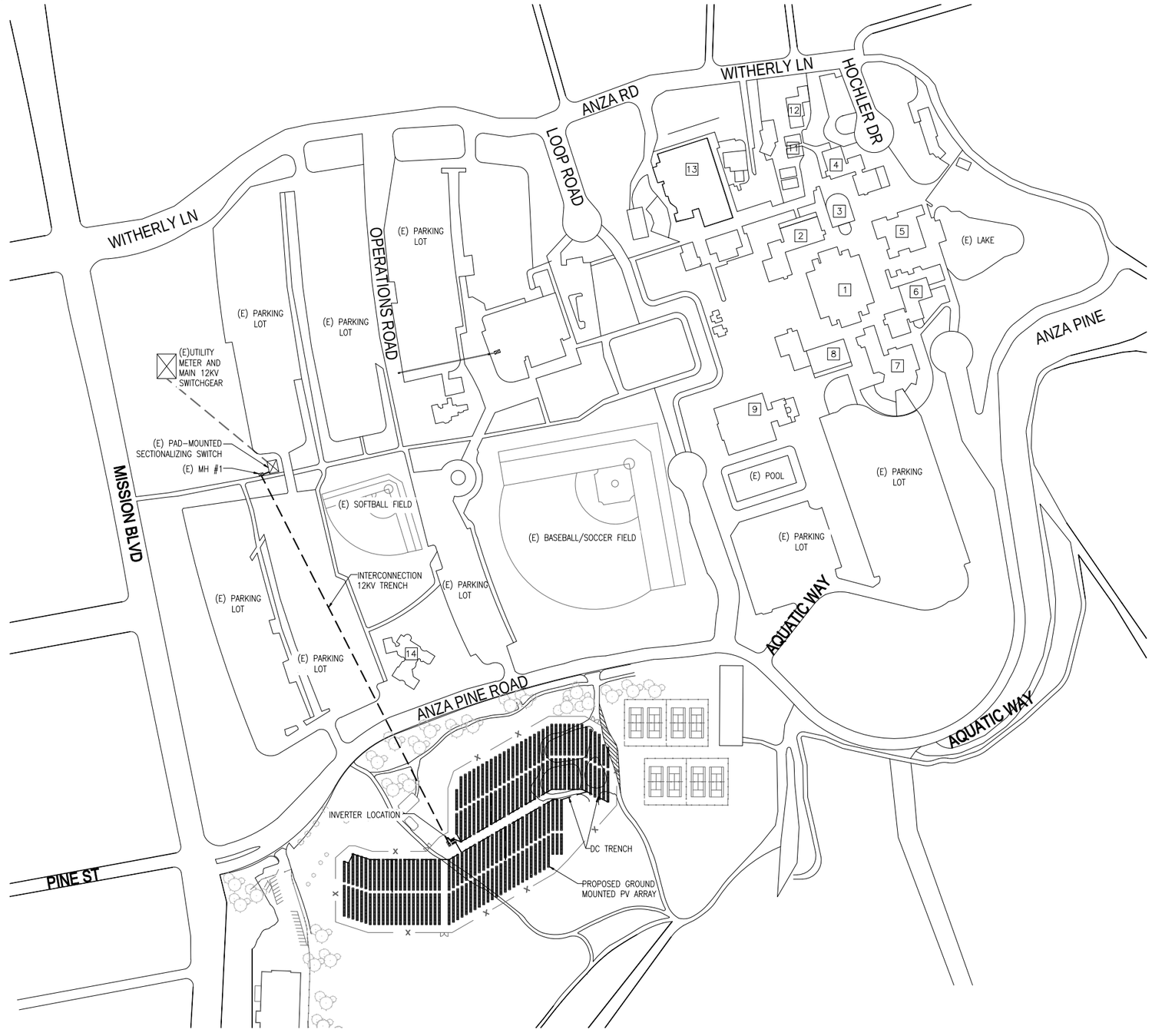
Project Location

1124-001•01/12

Legend:

EXISTING BUILDING INFORMATION.

1 ADMISSIONS AND RECORDS
2 CLASSROOM AND LABS
3 LECTURE HALL
4 CLASSROOM AND LABS
5 BOOKSTORE, UNION AND CAFETERIA
6 CLASSROOM AND LABS
7 LECTURE HALL
8 CLASSROOM AND LABS
9 GYMNASIUM
10 WAREHOUSE BUILDING
11 CLASSROOM
12 JOB PLACEMENT/TUTORIAL SERVICES
13 PERFORMING ARTS
14 CHILD DEVELOPMENT CENTER



230 115 0 230

APPROXIMATE SCALE IN FEET

SOURCE: Borrego Solar – December 2011

FIGURE **2**

Campus Map

1124-001•01/12

SHEET NOTES

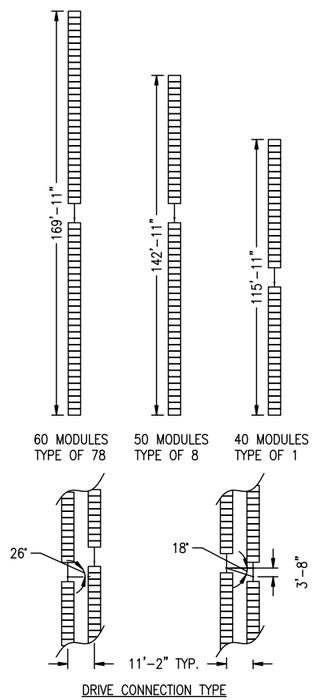
1. DRIVE SHAFT ANGLES MEASURED PERPENDICULAR TO TORQUE TUBE.
2. ROW–TO–ROW DIMENSIONS ARE MEASURED IN PLAN NORMAL TO HORIZONTAL PLANE AND DO NOT ACCOUNT FOR GRADATION.

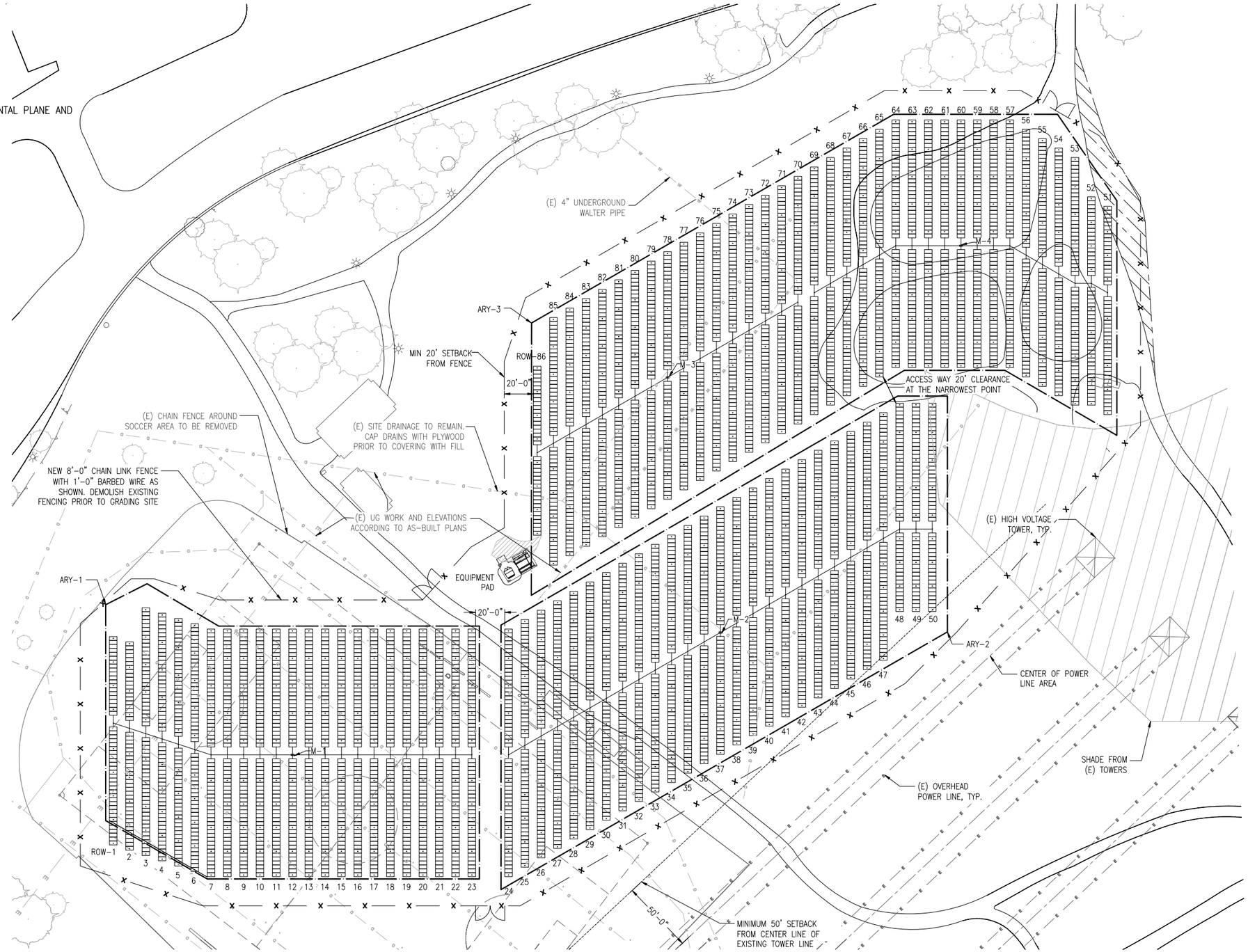
POINT OF REFERENCE – ESTABLISHED PHYSICAL CONTROL POINT THAT ARRAY DIMENSIONS ARE TIED TO.

ARRAY DATUM – CORNER OF ARRAY FROM WHICH TO CHALK OUT FULL ARRAY FOOTPRINT. DIMENSIONALLY CONTROLLED TO A POINT OF REFERENCE.

NOTE: PENDING VERIFICATION FROM ATI

ARRAY	MOTOR	# OF ROWS
ARY–1	M–1	23
ARY–2	M–2	28
ARY–3	M–3	17
	M–4	19





72 36 0 72

APPROXIMATE SCALE IN FEET

SOURCE: Borrego Solar – December 2011

FIGURE **3**

Proposed Site Plan

1124-001•01/12

SOURCE: Borrego Solar – 2011

FIGURE **4**

Typical Ground-Mounted Photovoltaic System

1124-001•01/12

4.0 ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project involving at least one impact that is potentially significant, but would be "Less than Significant with Project Mitigation," as indicated by the checklist on the following pages.

_____	Aesthetics	_____	Agricultural Resources
_____	Air Quality	X	Biological Resources
X	Cultural Resources	_____	Geology and Soils
_____	Hazards	_____	Hydrology and Water Quality
_____	Land Use and Planning	_____	Mineral Resources
_____	Noise	_____	Population and Housing
_____	Public Services	_____	Recreation
_____	Transportation and Circulation	_____	Utilities and Service Systems
_____	Mandatory Findings of Significance		

5.0 DETERMINATION

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. **A MITIGATED NEGATIVE DECLARATION** will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An **ENVIRONMENTAL IMPACT REPORT** is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier **EIR** or **NEGATIVE DECLARATION** pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier **EIR** or **NEGATIVE DECLARATION**, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature: Gari Browning Date: 02/08/12

Dr. Gari Browning
President/Superintendent

6.0 EVALUATION OF ENVIRONMENTAL IMPACTS

Introduction

The following Environmental Checklist form is based on Appendix G of the *State CEQA Guidelines*.

Project Impacts

The Environmental Checklist identifies potential project effects as corresponding to the following categories of impacts:

- **Potentially Significant Impact.** An effect that may be significant based on substantial evidence and the significance criteria for the proposed project. If the project may result in one or more Potentially Significant Impacts, an EIR is required.

- **Less than Significant with Project Mitigation.** An effect that with the implementation of project-specific mitigation measures is reduced from potentially significant to a less than significant level.

- **Less than Significant Impact.** An effect for which no significant impacts, or only less than significant impacts, would result.

- **No Impact.** The project would not create an impact.

6.1 Aesthetics

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
AESTHETICS - Would the project:				
a. Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c. Substantially degrade the existing visual character or quality of the site and its surroundings?	☐	☐	☒	☐
d. Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

DISCUSSION:

a. **No Impact.** The proposed project includes construction of a ground-mounted PV system on the Ohlone College Fremont campus. The PV system would be partially visible from Pine Street, a campus roadway, and from the end of Linda Vista Road, a public roadway south of the campus. It would also be partially visible from adjacent private land uses to the south and east, including several residences located to the south and southeast of the campus. The PV systems would be approximately 7 feet high, and existing campus buildings, mature trees, and the topography of the area would shield the project site from all of the more distant viewpoints. Mission Boulevard, which runs north south just west of the project site, is designated as a scenic route in the Fremont General Plan; however, the project site is not visible from the roadway because it lies on a plateau at a higher elevation and is also screened by an existing building adjacent to the site. Therefore, the proposed ground-mounted PV systems would not disrupt views of the East Bay Hills or other scenic vistas. Development of the proposed PV systems would not have a substantial effect on a scenic vista. No further analysis is required. No mitigation is required.

b. **No Impact.** The proposed project site is not situated adjacent to nor within view of a state scenic highway (DOT 2008). Views toward the project site from the only nearby state scenic highway, I-680, which is located approximately 0.8 mile to the northwest, are blocked by intervening topography, buildings, and trees. Therefore, the proposed PV system would not substantially

damage scenic resources within a state scenic highway. No further analysis is required. No mitigation is required.

c. **Less than Significant Impact.** The ground-mounted PV system would be constructed on an existing soccer field and open space lot south of the developed portion of the campus. The soccer field is landscaped with grass and includes a small stand of bleachers and two small storage buildings; it is enclosed by a chain link fence. There is no lighting at the field. The open space portion of the site lies several feet in elevation above the soccer field and consists of heavily disturbed and graded bare land. It is not landscaped and is covered with non-native grasses and weeds, crossed by dirt trails and driveways. A portion of the open space is used for storage of soil generated from nearby construction projects, and a soil stockpile several feet high is present on site. The project would necessitate removal of several existing landscaping trees between 10 and 20 feet tall located on the north side of the project site to provide access to the site from Pine Street. The ground-mounted PV systems would be approximately 7 feet in height, and would be of similar design to that shown in **Figure 4**.

The project site does not possess valuable scenic character or quality at this time. The visual character and quality of the site is already altered from its original condition by the soccer field, the small buildings, chain link fences, and extensive grading, and by use of a portion of the site for soil storage and construction support activities. By removing a small number of the trees and by installing PV panels, the proposed project would alter the existing character of the soccer field and open space lot, but because the project site is already disturbed and partially developed, the change to the site due to project implementation would not represent a substantial adverse impact. The PV system that would be installed on the site would be low in profile and located below the elevation of nearby residences, and would therefore not obstruct views from residences nearby. The impact on visual character and quality would be less than significant. No further analysis is required. No mitigation is required.

d. **Less than Significant Impact.** The proposed project includes photovoltaic panels that would be designed to absorb and capture sunlight rather than reflect it. The panels would be dark-colored and non-reflective, and thus would not create significant glare. The project would include minimal new lighting, consisting of a few low-wattage panel light fixtures on the inverters. The PV panels themselves would not be lit, and there would be no overhead or perimeter lighting. Furthermore, the project site is located close to the edge of the campus, away from where the core campus functions and facilities are located, and is shielded from most nearby uses by topography, buildings, and vegetation. Project visibility would be very limited from public viewpoints. The project site would be visible from a few nearby residences; however, because the

proposed PV system would not create substantial light or glare, it would not have a significant impact with regard to this criterion. Therefore, the proposed PV system would not create a substantial source of light or glare for nearby land uses, both on-campus and off-campus, and the impact is considered less than significant. No mitigation is required.

6.2 Agricultural and Forest Resources

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
AGRICULTURAL RESOURCES - In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:				
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)) or timberland (as defined in Public Resources Code section 4526)?	☐	☐	☐	☒
d. Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e. Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland to non-agricultural use?	☐	☐	☐	☒

DISCUSSION:

a. **No Impact.** There are no agricultural resources present on the project site. The existing Ohlone College campus is classified as "Urban and Built-up Land" according to the Farmland Mapping and Monitoring Program maps (Department of Conservation, Farmland Mapping and Monitoring Program 2007). Therefore, development of the proposed PV project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use. No further analysis is required. No mitigation is required.

b. **No Impact.** The campus and the immediate surrounding area are not under Williamson Act Contract. Therefore, the proposed project would not conflict with existing zoning for agricultural use, nor conflict with a Williamson Act contract. No further analysis is required. No mitigation is required.

c, d. **No Impact.** The campus and the immediate surrounding area are not zoned as and do not contain any forest land or timberland. No further analysis is required. No mitigation is required.

e. **No Impact.** The proposed ground-mounted PV systems would be located on an existing soccer field and vacant land. There are no agricultural resources in the project area. Implementation of the proposed project would not include any activities or uses during construction or operation that would lead to the conversion of Farmland to non-agricultural use. Therefore, the proposed ground-mounted PV systems would not involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use. No further analysis is required. No mitigation is required.

6.3 Air Quality

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
AIR QUALITY - Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a. Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☐	☒
b. Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	☐	☒	☐	☐
c. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)?	☐	☐	☒	☐
d. Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐
e. Create objectionable odors affecting a substantial number of people?	☐	☐	☐	☒

The Ohlone College campus is within the jurisdiction of the Bay Area Air Quality Management District (BAAQMD), which is the governing authority for the region. The San Francisco Bay Area air basin is in non-attainment of state and federal standards for ozone (reactive organic gasses or ROG), and in non-attainment of the state standard for PM10. ROG is generated principally from combustion engines such as those used in motor vehicles and construction equipment, and PM10 can be generated by both construction activities such as grading, as well as by motor vehicle travel on paved streets. The BAAQMD has adopted an Air Quality Management Plan that provides a strategy for the attainment of state air quality standards.

DISCUSSION:

a. **No Impact.** The proposed project involves the construction of ground-mounted photovoltaic systems within an existing soccer field and an adjacent vacant parcel on the Ohlone College Fremont campus. The project would not result in population growth or vehicle trips that could result in emissions. The operation of the PV system would not generate any emissions. Therefore, the project would not conflict with or prevent attainment of the local air quality management plan. No further analysis is required. No mitigation is required.

b. **Less than Significant Impact with Project Mitigation.**

Construction. The BAAQMD provides screening criteria for construction projects. Projects meeting these screening criteria would be conservatively assumed to have less than significant impacts. The construction screening criteria applicable to this project are 3,012 additional students or 277,000 square feet (approximately 6.3 acres). The project would not result in any additional students and the entire project site is approximately 5 acres. Construction would also be limited in scope due to the simple nature of the project design and minimal construction involved in installing PV panels. Regardless of project size, the BAAQMD recommends certain basic mitigation measures for construction operations. These measures will be adopted during construction of the proposed project to the extent that they are applicable, and are included here as **Mitigation Measure AIR-1**.

Mitigation Measure AIR-1: The project shall comply with the following BAAQMD basic construction mitigation measures:

A. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.

B. All haul trucks transporting soil, sand, or other loose material off site shall be covered.

C. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.

D. All vehicle speeds on unpaved roads shall be limited to 15 mph.

E. All roadways, driveways and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid immediately after grading unless seeding or soil binders are used.

F. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage informing workers of this provision shall be provided for construction workers at all access points.

G. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.

H. Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

As the project meets the screening criteria for construction emissions and will include **Mitigation Measure AIR-1**, construction emissions will be less than significant. No further analysis is needed.

Operation. The proposed project would not result in operational emissions. Therefore, operation of the proposed project would not violate any air quality standard, contribute substantially to an existing or projected air quality violation, or conflict with or obstruct implementation of the applicable air quality plan. No further analysis is required. No mitigation is required.

c. **Less than Significant Impact.** ROG is generated principally from combustion engines such as those used in motor vehicles and construction equipment, and PM10 can be generated by construction activities such as grading, as well as by motor vehicle travel on paved streets. Although construction activities would generate ROG and PM10 emissions (as discussed above), these emissions would be temporary and would be less than significant with implementation of the identified mitigation measures. Operation of the proposed project would not produce emissions. Additionally, the electricity produced by the solar energy would reduce the demand for electricity produced with other energy sources that do generate emissions. Therefore, operation of the proposed project would not result in a cumulatively considerable net increase of

any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality. No further analysis is required. No mitigation is required.

d. **Less than Significant Impact.** Sensitive receptors in the project area include residential areas adjacent to the campus. During construction, sensitive receptors could be exposed to a variety of airborne emissions including those from construction equipment. However, due to the limited scale and the short duration of construction, the proposed project would not expose sensitive receptors to substantial pollutant concentrations. No further analysis is required. No further mitigation is required.

e. **No Impact.** The proposed project would involve the installation of PV panels that do not create odor and does not include any activities or operations that could create objectionable odors. No further analysis is required. No mitigation is required.

6.4 Biological Resources

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
BIOLOGICAL RESOURCES - Would the project:				
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
c. Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☒	☐	☐
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

DISCUSSION:

Pacific Biology prepared a Biological Habitat Evaluation, including a site visit and database search, to identify and characterize on site and surrounding habitats and land uses, identify any sensitive or jurisdictional habitats present, and assess the potential of the on-site habitats to support special-status plant and wildlife species. The project site is located on the southern edge of the campus and includes a

graded area currently being used for soil storage, a soccer field, walking paths, and adjacent ruderal areas (See Figure 2 of the Biological Habitat Evaluation, included as **Appendix B** to this Initial Study). At the time of the site visit, the northern portion of the graded area was generally devoid of vegetation, contained piles of dirt, and was actively being used by construction equipment. The southern portion of the graded area contained a tall and dense growth of ruderal plant and nonnative grass species characteristic of disturbed areas. Several California ground squirrel (*Otospermophilus beecheyi*) burrows were observed in this portion of the project site.

The soccer field is fenced, irrigated, and regularly mowed. The adjacent areas are dominated by ruderal plants characteristic of disturbed areas; these areas also appeared to be regularly mowed. Trees present in this area include a mature coast live oak (*Quercus agrifolia*), several small coast redwoods (*Sequoia sempervirens*) that were planted on the site, and non-native acacia (*Acacia* sp.) and date palm (*Phoenix dactylifera*) trees. Several ground squirrel burrows were observed on the berms bordering the soccer field.

a. **Less than Significant with Project Mitigation.** Several special-status wildlife species have been documented within 3 miles of the project site; these include California tiger salamander (*Ambystoma californiense*), California red-legged frog (*Rana draytonii*), Alameda whipsnake (*Masticophis lateralis euryxanthus*), burrowing owl (*Athene cunicularia*), tricolored blackbird (*Agelaius tricolor*), golden eagle (*Aquila chrysaetos*), sharp-shinned hawk (*Accipiter striatus*), and western pond turtle (*Clemmys marmorata*). However, as discussed in the Biological Habitat Evaluation (**Appendix A**), none of these species is likely to occur on site due to lack of suitable habitat. Installation of photovoltaic cells would not impact natural or semi-natural habitat areas for any of the identified special-status species. Nesting common bird species may be present on site, and work conducted near nesting birds may impact nests of those species. **Mitigation Measure BIO-1** would ensure that the construction of the proposed PV system would not have a substantial adverse effect on nesting birds.

Due to the disturbed and weedy condition of the site, along with the absence of habitat types associated with locally occurring special-status plant species (e.g., serpentine, vernal pools, wetlands, native grasslands), no special-status plant species are expected to occur.

> **Mitigation Measure BIO-1**: If project activities (including tree removal) cannot avoid the nesting season (generally February 1 – August 31), a qualified biologist shall conduct focused pre-construction surveys within 30 days prior to the commencement of construction activities for nesting birds, in all areas that may provide suitable nesting habitat that exist in or within 300 feet of the construction site. If active nests are found, a suitable construction buffer shall be established by a qualified biologist until the young of

the year have fledged. For construction activities that occur outside of the nesting season (generally September 1 through January 31), pre-construction surveys are not required.

Implementation of the above mitigation measure would reduce impacts to nesting birds to a less than significant level.

b. **No Impact**. The proposed project site contains no riparian habitats or other sensitive natural communities identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service.

c. **No Impact**. There are no "waters of the U.S." present within the area of the proposed project.

d. **No Impact**. The project site does not contain any wildlife movement corridor because it is bordered on three sides by developed areas without wildlife habitat, and it is not within any identified movement corridor.

e. **No Impact.** The project will not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance, because there are no local ordinances that apply to the proposed project.

f. **No Impact.** The proposed project is not located within an area covered by a Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

6.5 Cultural Resources

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
CULTURAL RESOURCES - Would the project:				
a. Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	☐	☐	☐	☒
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☒	☐	☐
c. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☐	☒
d. Disturb any human remains, including those interred outside of formal cemeteries	☐	☒	☐	☐

DISCUSSION:

a. **No Impact.** The PV system would be constructed on an existing soccer field and adjacent undeveloped land on the Ohlone College Fremont campus. There are no historic sites within campus boundaries that are eligible or potentially eligible for listing in the National Register. Therefore, the project would not cause a substantial change in the significance of a historical resource. No further analysis is required. No mitigation is required.

b. **Less than Significant with Project Mitigation.** The project site has already been substantially disturbed during development of the soccer field and grading of the remainder of the site, which created two plateaus separated by several feet in elevation and partially surrounded by retaining walls. While the proposed grading would alter the site topography, it would affect only areas that have already been graded and filled. Prior grading activities would likely have resulted in the discovery and either curation or destruction of near-surface archaeological resources, if any were present. The proposed project would disturb a relatively small area (about 5 acres) due to grading, trenching, and drilling during construction. Due to previous disturbance at the site from grading and landforming, the likelihood of encountering archaeological resources is low. Nonetheless, any ground disturbing activity has the potential to encounter subsurface archaeological resources. **Mitigation Measure CUL-1** is proposed to ensure that such a potential impact is avoided.

Mitigation Measure CUL-1: In the event that unknown cultural resources are discovered during construction, all soil disturbing work within 100 feet of the find shall cease. The District shall contact a qualified archaeologist to provide direction for handling of the find, and shall implement a plan for survey and subsurface investigation as needed at the direction of the archaeologist to define the deposit and to assess the remainder of the site within the project area to determine whether the resource is significant and would be affected by the project. A written report of the results of investigations shall be prepared by a qualified archaeologist and filed with the appropriate Information Center of the California Historical Resources Information System.

c. **No Impact.** As discussed above, the proposed project would require some grading, trenching, and drilling during construction of the ground-mounted PV systems, but the project site has been previously disturbed. Furthermore, there are no known paleontological resources or unique geologic features that have been identified on the campus during cultural resources investigations. Therefore, the construction of the proposed PV system would have no impact on paleontological resources. No further analysis is required. No mitigation is required.

d. **Less than Significant with Project Mitigation.** As discussed above, no known cultural resources are located at the proposed project site. However, it is possible, although highly unlikely based on previous cultural resources investigations, that an unknown burial site could be located within the undeveloped portion of the project site. Construction of the ground-mounted PV system therefore has the potential to disturb unknown human remains. Project impacts related to human remains would be potentially significant. The following mitigation measure would be implemented during the construction of the proposed project to avoid or minimize a significant impact on unknown human remains:

Mitigation Measure CUL-2: In the event of a discovery on site of human bone, suspected human bone, or a burial, all excavation in the vicinity will halt immediately and the area of the find will be protected until a qualified archaeologist determines whether the bone is human. If the qualified archaeologist determines the bone is human, or if a qualified archaeologist is not present, the District will notify the County Coroner of the find before additional disturbance occurs. Consistent with California Health and Safety Code Section 7050.5(b), which prohibits disturbance of human remains uncovered by excavation until the Coroner has made a finding relative to PRC 5097 procedures, the District will ensure that the remains and vicinity of the find are protected against further disturbance.

If it is determined that the find is of Native American origin, the District will comply with the provisions of PRC Section 5097.98 regarding identification and involvement of the Native American Most Likely Descendant (MLD).

If human remains cannot be left in place, the District shall ensure that the qualified archaeologist and the MLD are provided opportunity to confer on archaeological treatment of human remains, and that appropriate studies, as identified through this consultation, are carried out prior to reinterment. The District shall provide results of all such studies to the local Native American community, and shall provide an opportunity of local Native American involvement in any interpretative reporting. As stipulated by the provisions of the California Native American Graves Protection and Repatriation Act, the District shall ensure that human remains and associated artifacts recovered from projects within campus boundaries are repatriated to the appropriate local tribal group if requested.

Implementation of this mitigation measure would ensure that the proposed ground-mounted PV systems would not disturb any human remains, including those interred outside of formal cemeteries.

6.6 Geology and Soils

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
GEOLOGY AND SOILS - Would the project:				
a. Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:	☐	☐	☐	☒
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
ii. Strong seismic ground shaking?	☐	☐	☐	☒
iii. Seismic-related ground failure, including liquefaction?	☐	☐	☐	☒
iv. Landslides?	☐	☐	☐	☒
b. Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	☐	☐	☐	☒
e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	☐	☒

DISCUSSION:

a.*i.* **No Impact.** Although the Ohlone College campus is located within a seismically active area, no active or potentially active faults have been identified on the campus. The nearest active fault is the Hayward Fault, approximately 1.3 miles southwest of the project site. Based on the distance to the nearest active fault and the conclusions of prior geotechnical evaluations for the project area, the potential for fault rupture on the project site is low. Furthermore, the proposed project

does not involve improvements that would result in an increase in campus population. Therefore, development of the proposed project would not expose additional persons or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault. No further analysis is required. No mitigation is required.

a.ii. **No Impact.** For the same reasons that are discussed above, development of the proposed PV system on the campus would not expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking. No further analysis is required. No mitigation is required.

a.iii. **No Impact.** As discussed above, development of the proposed PV system on the campus would not expose people or structures to potential substantial adverse effects from seismic-related ground failure, including liquefaction. No further analysis is required. No mitigation is required.

a.iv. **No Impact.** The proposed location of the ground-mounted PV system is within a previously graded area and is not on slopes subject to landsliding. Development of the PV system would not result in an increased landslide hazard. No further analysis is required. No mitigation is required.

b. **Less than Significant Impact.** The proposed location for the PV system has been graded and landformed into two relatively flat plateaus, and part of the site is developed with a landscaped soccer field. However, a portion of the site is unpaved and includes sloping areas. Construction of the proposed project would require site clearance, grading, and other earthmoving activities, which could subject exposed soils to erosion by water or wind. The disturbance footprint would exceed the 1-acre threshold that triggers the National Pollutant Discharge Elimination (NPDES) requirement to prepare and implement a storm water pollution prevention plan (SWPPP). In compliance with the NPDES requirements, appropriate erosion-control measures would be incorporated into the SWPPP and implemented during site grading and construction. These measures would include but are not limited to control of surface flows over exposed soils and use of sediment traps such as hay bales.

Upon completion of construction, erosion potential would be low because the disturbed areas would remain relatively flat and would be covered with permeable surfacing materials such as gravel. Therefore, the impact related to erosion and sedimentation would be less than significant.

c. **Less than Significant Impact.** The campus is located in an area where there are known landslide hazards. Due to the soil types on the campus, there is a possibility of landslide, lateral spreading,

subsidence, liquefaction or collapse. However, the graded and compacted soils on the project site are considered relatively stable and would not become unstable as a result of the construction of the proposed PV system. No further analysis is required. No further mitigation is required.

d. **No Impact.** Expansive soils are known to exist in many areas of Fremont. However, the proposed PV project would not include foundations or structures that could be affected by soil expansion. There would be no risk to life or property due to expansive soils from implementation of the proposed project. No further analysis is required. No mitigation is required.

e. **No Impact.** The proposed project involves installation of a ground-mounted PV system. Impacts related to septic tanks and sewer systems do not apply. No further analysis is required. No mitigation is required.

6.7 Greenhouse Gas Emissions

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
GREENHOUSE GAS EMISSIONS – Would the project:				
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b. Conflict with any applicable plan, policy, or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

DISCUSSION:

a. **Less than Significant Impact.** With regard to greenhouse gas (GHG) emissions, the BAAQMD is tasked with meeting Assembly Bill 32 (AB 32) requirements for GHG emissions rates. AB 32 requires a reduction in state-wide GHG emissions to 1990 rates by 2020. The BAAQMD has produced significance thresholds for to ensure compliance with AB 32 within the jurisdiction of the BAAQMD. However, the BAAQMD currently does not have significance thresholds for GHG emissions during construction.

GHG emissions are inherently a cumulative impact, and the proposed project's GHG impact is its net contribution to state-wide GHG emission rates. The goal of this project is to displace the use of fossil fuels to provide power to the campus, reducing GHG emissions. A quantitative assessment is provided to estimate the GHG emissions avoided by operation of the proposed solar facility. The methodology developed by AB 32 and used in the CAP is based on a comparison of any new development with a comparable 'business-as-usual' (BAU) facility. In this case, BAU was assumed to be a generic 1 MW facility producing electricity with a GHG emissions rate equal to the emissions rate of the overall California electrical power grid. To calculate this, an emissions factor was used which provides an emissions rate of pounds of carbon dioxide (CO_2) produced per megawatt-hour (MWh) of electricity produced. The emissions factor was taken from the Unites States Environmental Protection Agency (U.S. EPA) eGRID website, which collates emission information for electricity production in the United States. The USEPA eGRID factor for California is called the CAMX factor, which is the overall GHG emissions factor for California. The USEPA eGRID2010 (version 1.1) for reporting year 2007 (the most recent available) provides a value of 681.01 lbs CO_2 per MWh for CAMX. Assuming a solar

facility produces energy an average of 12 hours a day over a year, the proposed facility would produce 4,380 MWh per year of electricity with trivial GHG emissions over that time. A generic 1 MW power plant running the same amount of time would produce the same amount of power but with 1,491 tons of CO_2. Therefore, the proposed solar facility would result in a reduction of GHG emissions from BAU by approximately 1,491 tons CO_2. This is considered a conservative estimate as the CAMX factor includes renewable generation that occurred in the state as of 2007. An actual plant using only natural gas as a fuel would have higher GHG emissions, and the proposed solar facility would result in larger GHG savings.

Construction activities associated with the project would result in a small amount of GHG emissions, but it is assumed that they would be much less than the emissions saved by operation of the project. Consequently, the net GHG impact would be a reduction in GHG emissions, which would not impede or hinder the ability of the BAAQMD to meet AB 32 requirements. The impact would therefore be less than significant

b. As discussed above, the project would not cause significant impacts during the construction phase and would be consistent with AB 32 requirements. With no operational increase to greenhouse gas emissions, the proposed project would not conflict with plans, policies, or regulations to reduce greenhouse gas emissions. No impact would occur.

The project will cause no long-term increase to greenhouse gas emissions. No further analysis is required. No mitigation is required.

6.8 Hazards and Hazardous Materials

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
HAZARDS AND HAZARDOUS MATERIALS- Would the project:				
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☒
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒
e. For a project located within an airport land use plan or, where such plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☒
f. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☒
g. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
h. Expose people or structures to a significant risk of loss, injury or death involving wild land fires, including where wild lands are adjacent to urbanized areas or where residences are intermixed with wild lands?	☐	☐	☐	☒

DISCUSSION:

a., b. **Less than Significant Impact.** The proposed project would not involve the routine transport, use, and storage of hazardous materials during operation. Construction activities would include the temporary and short-term transport and handling of various construction materials that are classified as hazardous materials (e.g., diesel fuel, oil, and gasoline). Due to the nature of the proposed project, these materials would not be used on the site in large quantities. Furthermore, because these would be used properly according to manufacturers' recommendations, these materials would not pose a hazard to the public or the environment.

c. **No Impact.** The project site is located approximately 0.25 mile from Mission San Jose Elementary School. However, the proposed PV system would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste. Therefore, the proposed project would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school. No further analysis is required. No mitigation is required.

d. **No Impact.** Government databases were reviewed in order to identify potential sources of contamination or hazardous materials (EDR 2012). The campus is included on database listings for a 5,500-gallon aboveground fuel storage tank located at the receiving/maintenance facility adjacent to the project site. It is also listed as a facility that uses and stores hazardous materials and that generates hazardous wastes; these include chemicals used in academic laboratories and for routine maintenance and fueling operations on campus. The campus is also listed as having had a leaking underground storage tank in the past, with an indication that the tank was removed, cleanup has been completed, and the case is closed. The aboveground fuel tank and pump located at the adjacent campus receiving/warehouse building is not known to have any leaks or spills, and is located in a downgradient direction relative to the project site; any soil or groundwater contamination that could occur from this facility would therefore be unlikely to affect the project site. Potential sources located in a 1-mile radius of the project site include a drycleaner and a service station located over on-half mile northwest of the project site that have known or suspected groundwater contamination. Both sites are undergoing assessment and remediation, and both are located in a downgradient direction relative to the project site; any soil or groundwater contamination from these sites would therefore not affect the project site.

The proposed project site for the ground-mounted PV systems is located within the campus boundaries and consists of open land with two small buildings used for restrooms and storage of athletic equipment. Surrounding uses include the campus parking lots and academic buildings, a

warehouse building used by the campus for receiving, storage, and maintenance, and open land. Although the campus is included on a list of hazardous materials and waste sites compiled pursuant to Government Code Section 65962.5, these listings do not indicate actual or potential contamination. The project site itself is not on any hazardous materials site and therefore project construction would not create a significant hazard to the public or the environment. No further analysis is required. No mitigation is required.

e. **No Impact.** The nearest airport is San Jose International Airport, located over 10 miles south of the Ohlone College campus. The project site is not located near a public or private airport or within an airport land use plan. Therefore, the proposed project would not result in a safety hazard for people residing or working in the project area. No further analysis is required. No mitigation is required.

f. **No Impact.** The project site and the surrounding area are not located in the vicinity of a private airstrip. Therefore, the proposed project would not result in a safety hazard for people residing or working in the project area. No further analysis is required. No mitigation is required.

g. **No Impact.** The proposed project involves the construction of a ground-mounted PV system on an existing soccer field and an undeveloped parcel on the Ohlone College campus. The project would not require modifications to roadways or alter access to the campus. The proposed project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. No further analysis is required. No mitigation is required.

h. **No Impact**. The project site is surrounded by developed campus areas and open space. The project site is located on the margin of areas that could be characterized as wildlands. However, the project would not include any occupiable structures and would not increase the campus population. Therefore, the proposed project would not expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands. No further analysis is required. No mitigation is required.

6.9 Hydrology and Water Quality

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
HYDROLOGY AND WATER QUALITY - Would the project:				
a. Violate any water quality standards or waste discharge requirements?	☐	☐	☒	☐
b. Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	☐	☐	☐	☒
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner, which would result in substantial erosion or siltation on- or off-site?	☐	☐	☐	☒
d. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner, which would result in flooding on- or off-site?	☐	☐	☐	☒
e. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	☐	☐	☐	☒
f. Otherwise substantially degrade water quality?	☐	☐	☐	☒
g. Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	☐	☐	☐	☒
h. Place within a 100-year flood hazard area structures, which would impede or redirect flood flows?	☐	☐	☐	☒
i. Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	☐	☐	☐	☒
j. Inundation by seiche, tsunami, or mudflow?	☐	☐	☐	☒

DISCUSSION:

a. **Less than Significant Impact.** A portion of the proposed location for the PV system is developed with soccer field; the remainder of the site is unpaved. Installation of the ground-mounted PV systems would require trenching for installation of conduits and excavation of pier holes to install the panels. It is estimated that the project would involve more than 1 acre of ground disturbance. Preparation and implementation of an erosion control plan and a SWPPP would be required prior to construction of the proposed project. During construction, implementation of best management practices would be required to prevent wind and water erosion, both of which could carry loose soil from the project area to adjacent streets where it could find its way to storm drains. Because the area of disturbance is relatively small, and the project is not likely to contribute substantial amounts of sediment to the storm drain system, implementation of required erosion control measures would reduce potential adverse effects to water quality. The impact would be less than significant. No mitigation is required.

b. **No Impact.** The proposed project consists of installing a ground-mounted PV system on the campus and would not affect groundwater supplies. No further analysis is required. No mitigation is required.

c. **No Impact.** The proposed project would not change the grade or drainage patterns on the project site. A minimal amount of new impervious surfaces would be created as a result of the project, and therefore there would not be a substantial increase in site runoff or runoff-related soil erosion. No further analysis is required. No further mitigation is required.

d. **No Impact.** There are no streams or other permanent drainages on site, and the site is not within a flood zone. As explained above, construction of the ground-mounted PV system would not substantially change runoff conditions or result in substantially increased runoff. The project would therefore not result in any increases in flooding of off-site or on-site areas. No further analysis is required. No further mitigation is required.

e. **No Impact.** As discussed above, the proposed project would not change runoff conditions, nor would operation of the project involve any activities or sources that could add pollutants to site runoff. No further analysis is required. No further mitigation is required.

f. **No Impact.** The proposed project would not include improvements or design features that would otherwise substantially degrade water quality in a manner not addressed above. No further analysis is required. No further mitigation is required.

g. **No Impact.** The proposed project does not include housing and is not within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map. No further analysis is required. No mitigation is required.

h. **No Impact.** The Ohlone College campus is not within an identified 100-year floodplain. The project would not place a structure within a designated flood hazard area that would impede or redirect flood flows. No further analysis is required. No mitigation is required.

i. **No Impact.** The campus site is not located in an area designated as a floodway or dam inundation area. Therefore, the proposed project would not expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam. No further analysis is required. No mitigation is required.

j. **No Impact.**

Seiche. The project site is approximately 7 miles east of San Francisco Bay and approximately 4 miles from the nearest substantial water body, San Antonio Reservoir. The distance between the project site and the nearest water bodies suggests that the risk of inundation from a seiche is relatively minimal. Therefore, the proposed project would not be subject to inundation by a seiche. No further analysis is required. No mitigation is required.

Tsunami. The project site is not located in an area designated as being subject to inundation by a tsunami. Therefore, the proposed project would not be subject to inundation by a tsunami. No further analysis is required. No mitigation is required.

Mudflow. The project site is adjacent to moderately sized hills that lack a significant water source that could reasonably create an inundation by mudflow. The project site is not located in an area designated as being beneath or downstream of a principal predicted debris-flow source area. Therefore, the proposed project would not be subject to inundation by mudflow. No further analysis is required. No mitigation is required.

6.10 Land Use and Planning

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
LAND USE AND PLANNING - Would the project:				
a. Physically divide an established community?	☐	☐	☐	☒
b. Conflict with applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to, the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒
c. Conflict with any applicable habitat conservation plan or natural community conservation plan?	☐	☐	☐	☒

a. **No Impact.** The proposed project is located at the edge of an established college campus and adjacent to open space. It would not physically divide an established community. No further analysis is required. No mitigation is required.

b. **No Impact.** The project site's use and development is governed by the California Community Colleges system. The land development patterns on the campus are guided by the campus Facilities Master Plan. A review of the Facilities Master Plan policies revealed that none of those policies or standards that could be considered would be compromised or violated by the proposed project. No further analysis is required. No mitigation is required.

c. **No Impact.** As discussed in Section 6.4, Biological Resources under item f, the project would not be in conflict with a Habitat Management Plan, and there are no other local policies or ordinances protecting biological resources or the provisions of any other local, regional, or state habitat conservation plan that are applicable to the project. No further analysis is required. No mitigation is required.

6.11 Mineral Resources

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
MINERAL RESOURCES - Would the project:				
a. Result in the loss of availability of a known mineral resource that would be of future value to the region and the residents of the State?	☐	☐	☐	☒
b. Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

DISCUSSION:

a., b. **No Impact.** According to the Fremont General Plan Update EIR, there are several areas of mineral resources identified in Fremont. However, the proposed project site, along with the rest of the campus, is not located within the identified mineral resource sectors. In addition, the project site is within the established campus boundaries and is not available for extraction of mineral resources. Development of the proposed PV system would not result in the loss of important mineral resource recovery. Therefore, no impact would occur. No further analysis is required. No mitigation is required.

6.12 Noise

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
NOISE - Would the project result in:				
a. Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☐	☒
b. Exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels?	☐	☐	☐	☒
c. A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	☐	☐	☐	☒
d. A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	☐	☐	☒	☐
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒
f. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

DISCUSSION:

a. **No Impact.** Operation of the PV system would not generate any audible noise. There would be no impact. No further analysis is required. No mitigation is required.

b. **No Impact.** Operation of the PV system would not generate any groundborne noise or vibration at levels that would expose people or structures to risk of harm. No further analysis is required. No mitigation is required.

c. **No Impact.** As discussed above, the proposed project would not generate any audible noise. No further analysis is required. No mitigation is required.

d. **Less than Significant Impact.** Construction activities associated with implementation of the ground-mounted PV systems would include removal of existing landscaping and structures, grading, trenching, drilling, installation of the support posts, and minor paving. These activities are anticipated to cause a temporary increase in noise and possibly in groundborne vibration. At a distance of 50 feet, concrete cutting and jackhammering activities would result in noise levels of 80 dB(A) and 88 dB(A), respectively (U.S. EPA 1971). This is within the acceptable range for daytime noise levels. Furthermore, the nearest residences are located over 300 feet from the proposed project site, and construction noise would be substantially attenuated by this distance. Additionally, the duration of the construction period for this project would be approximately 8 weeks and construction would take place during daytime hours. Therefore, this impact is considered less than significant and no mitigation is required.

e. **No Impact.** The Ohlone College campus is not located within an airport land use plan or within 2 miles of a public airport or public use airport. Therefore, the proposed project would not expose people working in the project area to excessive noise levels of a public airport. No further analysis is required. No mitigation is required.

f. **No Impact.** The project site is not located within the vicinity of a private airstrip. Therefore, implementation of the project would neither impact nor be impacted by a private airstrip. The proposed project would not expose people residing or working in the project area to excessive noise levels within the vicinity of a private airstrip. No further analysis is required. No mitigation is required.

6.13 Population and Housing

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
POPULATION AND HOUSING – Would the project:				
a. Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☒
b. Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒
c. Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

DISCUSSION:

a. **No Impact.** The proposed project would not add new homes, businesses, roads, or other growth-inducing infrastructure to the area. Therefore, the proposed project would not induce substantial population growth in the area, either directly or indirectly. No further analysis is required. No mitigation is required.

b., c. **No Impact.** The proposed project would not displace any housing or people. Therefore, there would be no need for the construction of replacement housing elsewhere. No further analysis is required. No mitigation is required.

6.14 Public Services

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
PUBLIC SERVICES				
a. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
i. Fire protection?	☐	☐	☐	☒
ii. Police protection?	☐	☐	☐	☒
iii. Schools?	☐	☐	☐	☒
iv. Parks?	☐	☐	☐	☒
v. Other governmental services?	☐	☐	☐	☒

DISCUSSION:

ai-v. **No Impact.** Implementation of the proposed project would not result in an increase in the regional population. Therefore, there would be no increase in demand for public services. No further analysis is required. No mitigation is required.

6.15 Recreation

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
RECREATION – Would the project:				
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	☒
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?	☐	☐	☐	☒

DISCUSSION:

a., b. **No Impact.** Implementation of the proposed project would not increase the population of the region. Therefore, there would be no increase in the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated. Although existing campus recreational facilities would be removed under the proposed project, they would be replaced by other facilities elsewhere on campus. The project does not require the construction or expansion of any recreational facilities, and there would be no impact on recreational facilities. No further analysis is required. No mitigation is required.

6.16 Transportation and Traffic

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
TRANSPORTATION/TRAFFIC - Would the project:				
a. Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	☐	☐	☐	☒
b. Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	☐	☐	☐	☒
c. Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	☐	☐	☐	☒
d. Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☐	☒
e. Result in inadequate emergency access?	☐	☐	☐	☒
f. Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	☐	☐	☐	☒

DISCUSSION:

a., b. **No Impact.** Except for a small increase in vehicles accessing the site for several weeks during construction, there would be no increase in traffic as a result of the proposed project. Therefore, the proposed project would not affect the performance of the circulation systems or result in a deterioration of roadway or intersection performance. No further analysis is required. No mitigation is required.

c. **No Impact.** Implementation of the project would have no impact on air traffic patterns. Therefore, the proposed project would not result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks. No further analysis is required. No mitigation is required.

d. **No Impact.** The proposed project does not include any alteration to existing roadways or design features near roadways that would increase roadway hazards. No further analysis is required. No mitigation is required.

e. **No Impact.** Emergency access to the project site would be provided by existing roadways on the campus, where adequate emergency access is available. Therefore, the proposed project would not result in inadequate emergency access. No further analysis is required. No mitigation is required.

f. **No Impact.** The project would not conflict with any adopted policies, plans, or programs that support alternative transportation. No further analysis is required. No further mitigation is required.

6.17 Utilities and Service Systems

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
UTILITIES AND SERVICE SYSTEMS - Would the project:				
a. Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	☐	☐	☐	☒
b. Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☐	☐	☒
c. Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☐	☐	☒
d. Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new and expanded entitlements needed?	☐	☐	☐	☒
e. Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☐	☒
f. Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	☐	☐	☐	☒
g. Comply with federal, state, and local statues and regulations related to solid waste?	☐	☐	☐	☒

DISCUSSION:

a.-g. **No Impact.** The proposed project would not require the expansion of any of the site utilities. No further analysis is required. No mitigation is required.

6.18 Mandatory Findings of Significance

	Potentially Significant Impact	Less than Significant with Project Mitigation	Less than Significant Impact	No Impact
MANDATORY FINDINGS OF SIGNIFICANCE				
a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or pre-history?	☐	☐	☒	☐
b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	☐	☐	☒	☐
c. Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	☒	☐

DISCUSSION:

a. **Less than Significant Impact.** Based on evidence presented in this Initial Study, the proposed project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory. No further analysis is required. No mitigation is required.

b. **Less than Significant Impact.** Based on evidence presented in this Initial Study, the proposed project would result in the generation of impacts, all of which can be mitigated to less than significant levels. There is no evidence that would suggest that those impacts following implementation of mitigation would combine with impacts from other past, present, and

reasonably foreseeable projects to produce a significant cumulative effect. No further analysis is required. No mitigation is required.

c. **Less than Significant Impact.** The proposed project would result in the generation of some impacts; however, with implementation of mitigation measures outlined in this Initial Study, those impacts would be reduced to a less than significant level and would not cause substantial adverse effects on humans. No further analysis is required. No mitigation is required.

7.0 SOURCES OF INFORMATION USED IN PREPARING INITIAL STUDY

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8.0 REPORT PREPARERS

Ohlone College

Christopher Wilson, Project Executive, Gilbane Companies

Impact Sciences, Inc.

Shabnam Barati, Project Principal

Elizabeth Purl, Senior Project Manager

Eric Bell, Air Quality Specialist

Lisa Cuoco, Publications Coordinator

APPENDIX A

Proposed Mitigated Negative Declaration

THE BOARD OF TRUSTEES OF OHLONE COMMUNITY COLLEGE DISTRICT
MITIGATED NEGATIVE DECLARATION
Ohlone College Fremont Campus Photovoltaic Project

PROJECT TITLE: Ohlone College Fremont Campus Photovoltaic Project

LEAD AGENCY: The Board of Trustees of Ohlone Community College District

APPLICANT: Ohlone Community College District
43600 Mission Boulevard
Fremont, California 94539

PROJECT DESCRIPTION:

Ohlone Community College District (the District) proposes to install photovoltaic (PV) systems on a portion of the Ohlone College campus in Fremont, California. The systems will be installed, operated, and maintained by Borrego Solar on behalf of the District under a 25-year maintenance agreement. The project is proposed by the District as part of the California Solar Initiative (CSI), an initiative to create partnerships with the State Department of General Services to develop renewable energy projects at public facilities. The District has secured a 1 MW CSI reservation for the Fremont campus's main PG&E account.

The system would generate approximately 1 megawatt (MW) direct current (DC) of electricity which would be used on campus. The PV system would be ground-mounted and would consist of an array of crystalline solar panels or modules anchored on steel support posts embedded in reinforced concrete using a positive means of attachment (bolts, etc.). Each panel and post assembly would be approximately 7 feet in total height. The PV system would be placed in parallel rows across the site and would cover an area of about 5 acres. The panels would be fitted with tracking systems and motors allowing them to rotate during daylight hours to maximize energy production. Wiring from the panels would be routed through conduits to an inverter that would be placed on a reinforced concrete pad located adjacent to north of the array. The inverter would convert DC power to alternating current (AC) power.

The system would adhere to California Building Codes and Standards, as well as California Public Utilities Commission's California Solar Initiative program requirements, and all California Energy Commission technical and installation specifications and guidelines. The system design would also be required to maintain a minimum clearance from existing high-voltage lines and towers.

The project would require removal of existing landscaping and fencing (the soccer field), grading, and improvement of access driveways; depending on the final configuration of the installation, it may also require removal of the small structures near the soccer field. The proposed grading would remove the existing two plateaus separated by a small rise to create a continuous, gently sloped field for installation of the PV panels. Once the panels are installed, the site would be covered by a permeable ground cover material such as gravel. Staging for the project would occur on the undeveloped portion of the site near Pine Street. Access would be by way of the existing paved driveway from Pine Street to the soccer field and a secondary, currently unpaved driveway further east along Pine Street. Project construction is anticipated to begin in spring 2012 and would be completed in a single phase lasting about three months.

PROJECT LOCATION:

The proposed PV project site is located on the Ohlone College campus in Fremont, California. The campus is approximately 534 acres and is located in the southeastern area of Fremont, east of Mission Boulevard and west of the Mission Peak Regional Preserve. The PV system would be installed on the existing soccer field and adjacent undeveloped land located in the southern portion of the campus. Existing development on the project site includes the soccer field, a small stand of bleachers, two small storage/restroom buildings, and an access driveway. Some of the undeveloped portion of the site is used for soil storage related to nearby campus grading and development. The entire site has been graded and filled in the past. An array of high-voltage power transmission lines and towers is present along the south side of the site.

MITIGATION MEASURES:

This subsection includes the full text of project-specific mitigation measures identified in the Initial Study/Proposed Mitigated Negative Declaration. Ohlone Community College District may modify the means by which a mitigation measure will be implemented, as long as the alternative means ensure compliance during project implementation.

Air Quality

AIR-1: The project shall comply with the following BAAQMD basic construction mitigation measures:

A. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.

B. All haul trucks transporting soil, sand, or other loose material off site shall be covered.

C. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.

D. All vehicle speeds on unpaved roads shall be limited to 15 mph.

E. All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid immediately after grading unless seeding or soil binders are used.

F. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage informing workers of this provision shall be provided for construction workers at all access points.

G. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.

H. Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours.

The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

Biological Resources

BIO-1: If project activities (including tree removal) cannot avoid the nesting season (generally February 1 – August 31), a qualified biologist shall conduct focused pre-construction surveys within 30 days prior to the commencement of construction activities for nesting birds, in all areas that may provide suitable nesting habitat that exist in or within 300 feet of the construction site. If active nests are found, a suitable construction buffer shall be established by a qualified biologist until the young of the year have fledged. For construction activities that occur outside of the nesting season (generally September 1 through January 31), pre-construction surveys are not required.

Cultural Resources

CUL-1: In the event that unknown cultural resources are discovered during construction, all soil disturbing work within 100 feet of the find shall cease. The District shall contact a qualified archaeologist to provide direction for handling of the find, and shall implement a plan for survey and subsurface investigation as needed at the direction of the archaeologist to define the deposit and to assess the remainder of the site within the project area to determine whether the resource is significant and would be affected by the project. A written report of the results of investigations shall be prepared by a qualified archaeologist and filed with the appropriate Information Center of the California Historical Resources Information System.

CUL-2: In the event of a discovery on site of human bone, suspected human bone, or a burial, all excavation in the vicinity will halt immediately and the area of the find will be protected until a qualified archaeologist determines whether the bone is human. If the qualified archaeologist determines the bone is human, or if a qualified archaeologist is not present, the District will notify the County Coroner of the find before additional disturbance occurs. Consistent with California Health and Safety Code Section 7050.5(b), which prohibits disturbance of human remains uncovered by excavation until the Coroner has made a finding relative to PRC 5097 procedures, the District will ensure that the remains and vicinity of the find are protected against further disturbance.

If it is determined that the find is of Native American origin, the District will comply with the provisions of PRC Section 5097.98 regarding identification and involvement of the Native American Most Likely Descendant (MLD).

If human remains cannot be left in place, the District shall ensure that the qualified archaeologist and the MLD are provided opportunity to confer on archaeological treatment of human remains, and that appropriate studies, as identified through this consultation, are carried out prior to reinterment. The District shall provide results of all such studies to the local Native American community, and shall provide an opportunity of local Native American involvement in any interpretative reporting. As stipulated by the provisions of the California Native American Graves Protection and Repatriation Act, the District shall ensure that human remains and associated artifacts recovered from projects within campus boundaries are repatriated to the appropriate local tribal group if requested.

FINDINGS:

Based on the Initial Study prepared for the project, it has been determined that potential project impacts would be mitigated to a less than significant level through incorporation of mitigation measures. A copy of the Initial Study is attached. Other materials which constitute the bases upon which the decision to adopt this Mitigated Negative Declaration are available for review at Ohlone Community College District, 43600 Mission Boulevard, Fremont, California 94539. This document constitutes a Mitigated Negative Declaration.

Signature:_____**Date:**_____

Dr. Gari Browning, President/Superintendent

APPENDIX B

Biological Habitat Evaluation

PACIFIC BIOLOGY
635 Carmel Avenue, Albany, CA 94706
Telephone/Fax: (510) 527-1008

TO: **Elizabeth Purl, Senior Planner, Impact Sciences**
FROM: **Josh Phillips, Principal Biologist**
DATE: **November 1, 2011**
SUBJECT: **Ohlone College Fremont Campus - Photovoltaic Solar Energy System Project Biological Habitat Evaluation**

INTRODUCTION

Pacific Biology conducted a biological habitat evaluation of the proposed photovoltaic solar electric system project site on the Ohlone Community College Fremont Campus. The evaluation was conducted to identify and characterize onsite and surrounding habitats and land uses, to identify any sensitive or jurisdictional habitats present, and to assess the potential of the onsite habitats to support special-status plant and wildlife species.

The project site is in a heavily disturbed and altered condition, with the onsite habitats consisting of a graded area currently being used for soil storage, a soccer field, walking paths, and adjacent ruderal areas. Given the altered condition of the site and other factors, no special-status plant or wildlife species are expected to occur. Additionally, no creeks, ponds, wetlands, or other sensitive habitat types are present.

PROJECT LOCATION

The Ohlone Community College Fremont Campus is located along the eastern edge of the City of Fremont, to the east of Interstate-680 and Mission Boulevard. The campus is generally bordered to the west by urban development and to the east by the undeveloped Mission Hills (**Figure 1**). The campus is mapped on the Niles USGS 7.5-minute quadrangle. The proposed location of the photovoltaic solar electric system is in the southern portion of the campus.

FIGURE 1: PROJECT LOCATION
Ohlone College Fremont Campus

Image: NAIP 2009, 1-Meter Resolution

Pacific Biology November 2011

0 1 2 Miles

Scale 1:30,000

METHODOLOGY

Database Search and Information Review

The latest version of the California Natural Diversity Data Base (CNDDB) was reviewed for the project area. The intent of the database review was to document all occurrences of special-status species in the project area and to determine their location relative to the project site. Commercially available orthorectified aerial photography was also reviewed to generally identify habitat types and features occurring on and near the project site.

Site Visit

Josh Phillips, Principal Biologist of Pacific Biology, conducted a site visit on September 30, 2011. The site visit included walking the project site to achieve 100 percent visual coverage, recording the dominant plant species present, characterizing the habitat types present on and near the project site, and identifying all wildlife species observed. A search was conducted for the presence of jurisdictional habitats (e.g., wetlands, creeks), sensitive habitats (e.g., native grasslands), and habitat features (e.g., ponds, ground squirrel burrows) used by special-status species known from the project region.

RESULTS

Existing Conditions

The project site is located on the southern edge of the campus and includes a graded area currently being used for soil storage, a soccer field, walking paths, and adjacent ruderal areas (**Figure 2**). The plant communities and biological conditions on the project site are discussed below.

At the time of the site visit, the northern portion of the graded area was generally devoid of vegetation, contained piles of dirt, and was actively being used by construction equipment. The southern portion of the graded area contained a tall and dense growth of ruderal plant and non-native grass species, with the dominant species being Italian thistle (*Carduus pycnocephalus*), stinkwort (*Dittrichia graveolens*), bristly ox-tongue (*Helminthotheca echioides*), mustard (*Brassica* sp.), harding grass (*Phalaris aquatica*), soft chess (*Bromus hordeaceus*), and Italian ryegrass (*Lolium multiflorum*). These plant species are characteristic of disturbed areas. Several California ground squirrel (*Otospermophilus beecheyi*) burrows were observed in this portion of the project site.

Figure 2: Fremont Campus Potential Solar Site

(The area delineated by the blue line is preferable, siting-wise, but the District will consider proposals that utilize the larger area within the red line. In both cases, it is the Respondent's responsibility to observe any and all easement restrictions associated with nearby overhead electric transmission and underground gas transmission lines and underground water lines.)

FIGURE 3: DOCUMENTED SPECIAL-STATUS SPECIES
Ohlone College Fremont Campus

Image: NAIP 2009, 1-Meter Resolution

Pacific Biology November 2011

Documented Special-Status Species (CNDDB)

Alameda Whipsnake Critical Habitat

0 1 2 4 Miles

0 7,500 15,000 30,000 Feet

N W E S

Scale 1:41,500

Photo 1: Northern portion of graded area being used for dirt storage

Photo 2: Southern portion of graded area with dense growth of ruderal vegetation

The soccer field is fenced, irrigated, and regularly mowed. The adjacent areas are dominated by ruderal plants characteristic of disturbed areas, including bristly ox-tongue, mustard, wild oat (*Avena* sp.), and coyote brush (*Baccharis pilularis*). These areas also appear to be regularly mowed. Trees present in this area include a mature coast live oak (*Quercus agrifolia*), several small coast redwoods (*Sequoia sempervirens*) that were planted on the site, and non-native acacia

(*Acacia* sp.) and date palm (*Phoenix dactylifera*) trees. Walking paths traverse this portion of the project site and there are two equipment storage structures. Several ground squirrel burrows were observed on the berms bordering the soccer field.

Photo 3: Soccer field and adjacent berm

Photo 4: View of trees near walking path

There are no ponds, creeks, or evidence of wetlands (e.g., hydrophytic vegetation, moist soils) on the project site. There are also no sensitive plant communities (e.g., native grasslands) recognized by the California Department of Fish and Game (CDFG) present.

Special-Status Species

(i) Special-Status Wildlife Species

For the purpose of this evaluation, special-status wildlife species include those taxa listed or proposed for listing as Threatened or Endangered under the federal or state Endangered Species Acts, state or federal candidates for listing, state Species of Special Concern, state Fully Protected Species, federal Birds of Conservation Concern, and other species included on the CDFG Special Animals List.[1]

Based on the review of the CNDDB, the following special-status wildlife species have been documented in the project area (i.e., within three miles of the campus): California tiger salamander (*Ambystoma californiense*), California red-legged frog (*Rana draytonii*), Alameda whipsnake (*Masticophis lateralis euryxanthus*), burrowing owl (*Athene cunicularia*), tricolored blackbird (*Agelaius tricolor*), golden eagle (*Aquila chrysaetos*), sharp-shinned hawk (*Accipiter striatus*), and western pond turtle (*Clemmys marmorata*). The documented location of these species relative to the project site is shown in **Figure 3**, and the potential of each of these species to occur on or adjacent to the project site is further discussed below.

California tiger salamander is a state and federally Threatened species. Breeding by California tiger salamander is restricted to vernal pools and seasonal ponds, including constructed stock ponds, in grassland and oak savannah plant communities. The species may move distances up to 1.24 miles between upland burrows and a breeding pool (USFWS 2003). This distance is normally less when there are large numbers of refuge sites in close proximity to breeding sites. After breeding, the adults return to their underground burrows. The eggs then hatch and the resulting gilled aquatic larvae metamorphose into juveniles that also move at night into terrestrial habitats (Zeiner 1988).

As shown in **Figure 3**, California tiger salamanders have been documented at several locations in the project region, with the closest extant occurrences being approximately 2 miles to the north and 2.6 miles to the east (CNDDB 2011). There is another documented occurrence located

[1] The CDFG maintains a Special Animals List. "Special Animals" is a general term that refers to all of the taxa the CNDDB is interested in tracking, regardless of their legal or protection status. The CDFG considers the taxa on this list to be those of greatest conservation need.

approximately 2.1 miles to the west, but according to the CNDDB, this occurrence (CNDDB Occurrence #728) is extirpated. While the species is known from the project region, California tiger salamanders are not expected to occur on the project site for the following reasons: (1) the project site does not contain any aquatic features potentially used for breeding by the species; (2) the project site is greater than 1.2 miles from the closest documented occurrence and thus is not accessible to any known populations; and (3) the project site does not provide suitable upland habitat for the species because it consists of a graded soil storage area, a soccer field, walking paths and adjacent ruderal areas. Given the above, the proposed project would not affect individual California tiger salamanders or habitat potentially used by the species.

California red-legged frog is a federally Threatened species and a state Species of Special Concern. Breeding occurs in streams, deep pools, backwaters within streams and creeks, ponds, marshes, sag ponds, dune ponds, lagoons, and stock ponds. Breeding adults are often associated with deep (greater than 0.7 meter [2 feet]) still or slow moving water and dense, shrubby riparian or emergent vegetation (Hayes and Jennings 1988), but frogs have been observed in shallow sections of streams and ponds that are devoid of vegetative cover. The species also utilizes non-aquatic habitats for foraging, refuge, and dispersal.

As shown in **Figure 3**, California red-legged frogs have been documented at locations to the east of the project site, with the closest documented occurrence being approximately 3 miles from the project site. California red-legged frogs are not expected to occur on the project site for the following reasons: (1) the project site does not contain any aquatic or wetland features; (2) the project site is not within the typical dispersal distance of a known population; and (3) the project site is not part of an expected movement corridor as it is bordered by the campus and does not link areas of suitable habitat. Given the above, the proposed project would not affect individual California red-legged frogs or habitat potentially used by the species.

Alameda whipsnake (*Masticophis lateralis euryxanthus*) is a federally and state Threatened species. This snake is generally found in open-canopied shrub communities, including coastal scrub and chaparral, and adjacent habitats including oak woodland/savanna and grassland areas (Swaim 1994). Recent studies have shown that Alameda whipsnake can be found in a wider variety of habitats than previously thought. For example, whipsnakes have been found in grasslands with very little scrub present, in coastal scrub with dense canopy cover, and in patches of scrub less than one-half acre in size (Swaim 2003). Therefore, habitat associations for this subspecies should include those that co-occur in the general chaparral/scrub habitat mosaic (Alvarez 2005).

As shown in **Figure 3**, designated critical habitat for Alameda whipsnake occurs approximately 2.4 miles to the east of the project site, and an Alameda whipsnake has been documented approximately 2.7 miles to the northwest of the site. Core habitat (i.e., scrub and chaparral habitat) is not present on or near the project site, and based on an evaluation of aerial photography, grassland and oak woodland are the dominant plant communities in the project vicinity. Given the apparent absence of nearby core habitat, and because the project site consists of disturbed/altered habitat types not generally associated with the species (i.e., graded soil storage area, soccer field, adjacent ruderal areas), it is unlikely that Alameda whipsnake would occur on the project site. Therefore, the proposed project would not affect individual Alameda whipsnake or habitat expected to be used by the species.

Burrowing owl is a federal Bird of Conservation Concern and a state Species of Special Concern. This small ground-dwelling owl lives in open, dry grasslands, agricultural and range lands, and desert habitats associated with burrowing mammals. Burrowing owls nest and shelter in ground squirrel and other suitable small mammal burrows or artificial structures.

As shown in **Figure 3**, the species is known from the project region, with the closest documented occurrence being approximately 1.8 miles to the southwest. The project site provides very marginal habitat for burrowing owls and the species is not expected to occur for the following reasons: (1) while a low number of ground squirrel burrows are present on the site, the vast majority of the burrows are located within areas with tall vegetation that provide very marginal habitat for burrowing owls (who favor low growing and sparse vegetation); (2) the vast majority of the site does not provide suitable burrowing habitat, including the soccer field and areas with dense trees; and (3) the remaining areas that do provide marginal habitat conditions for the species are too small and fragmented to support the species.

Tricolored blackbird is a Federal Bird of Conservation Concern and a state Species of Special Concern. This species typically nests in large colonies in dense stands of cattails or tules in freshwater, emergent wetlands. It also has been observed nesting in dense stands of willows, blackberry, wild rose, and tall herbs (Zeiner et al. 1990). As suitable habitat for this species is not present on or near the project site, the proposed project would not affect this species.

Golden eagle is a Federal Bird of Conservation Concern and a California Fully Protected Species. The golden eagle is a resident and migrant throughout California, except for the Central Valley. Their habitat typically includes foothills, mountain areas, sage-juniper flats, and desert, and they utilize secluded cliffs with overhanging ledges and large trees for cover. Nests are

constructed on cliffs and in large trees in open areas. As suitable habitat for this species is not present on or near the project site, the proposed project would not affect this species.

Sharp-shinned hawk is a state Watch List Species. This species is a fairly common migrant and winter resident throughout California and is not known to breed in the project region. This species winters in woodlands and usually nests in dense, pole and small-tree stands of conifers. As suitable habitat for this species is not present on or near the project site, and because this species does not nest in the project region, the proposed project would not affect this species.

Western pond turtle is a state Species of Special Concern. This turtle primarily inhabits aquatic habitats, including ponds, slow-moving streams, lakes, marshes, and canals. It frequently basks on logs or other objects out of the water. As there is no aquatic habitat on or near the project site, this species is not expected to occur and would not be affected by the proposed project.

Common birds could nest on or near the project site. The active nests of common bird species are not considered to be of special-status under CEQA, but the active nests of native bird species are protected by the Migratory Bird Treaty Act (16 U.S.C. 704) and the California Fish and Game Code (Section 3503). Typically, a nesting bird survey prior to removal of vegetation is recommended, if the vegetation removal is undertaken during the bird nesting/breeding season, between February 1 and August 31.

(ii) Special-Status Plant Species

The project site is in a disturbed condition and consists of a graded soil storage area, an irrigated soccer field, walking paths, and adjacent ruderal areas. Due to the disturbed and weedy condition of the site, along with the absence of habitat types associated with locally occurring special-status plant species (e.g., serpentine, vernal pools, wetlands, native grasslands), no special-status plant species are expected to occur.

Sensitive and Jurisdictional Resources

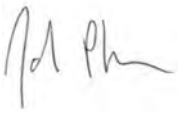
There are no wetlands, riparian, or other aquatic habitats on or near the project site. Additionally, no habitat types are present that are considered to be "sensitive" by the CDFG. Therefore, the proposed project would not affect sensitive or potentially jurisdictional habitats.

Wildlife Movement Corridors

As shown in **Figure 1**, dense development occurs to the north, south and west of the project site. Therefore, the project site does not provide habitat connectivity between open space areas and is not considered to be part of an established wildlife movement corridor.

Thank you for the opportunity to assist with this project. Please contact me if you have any questions regarding the content of this memorandum. You may reach me at (510) 527-1008 or by email at josh@pacificbiology.com.

Sincerely,



Josh Phillips

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APPENDIX C

Cultural Resources Database Report

CALIFORNIA
HISTORICAL
RESOURCES
INFORMATION
SYSTEM

ALAMEDA
COLUSA
CONTRA COSTA
LAKE
MARIN
MENDOCINO
MONTEREY
NAPA
SAN BENITO
SAN FRANCISCO
SAN MATEO
SANTA CLARA
SANTA CRUZ
SOLANO
SONOMA
YOLO

Northwest Information Center
Sonoma State University
150 Professional Center Drive, Suite E
Rohnert Park, California 94928-3609
Tel: 707.588.8455
Email: leigh.jordan@sonoma.edu
http://www.sonoma.edu/nwic

February 2, 2012

NWIC File No.: 11-0707

Paul C. Stephenson
Impact Sciences
555 12th Street
Suite 1650
Oakland, CA 94607

Re: Record search results for the proposed Ohlone College Fremont Campus Photovoltaic Project.

Dear Mr. Stephenson:

Per your request received by our office on 3 January 2012, a records search was conducted for the above referenced project by reviewing pertinent Northwest Information Center (NWIC) base maps that reference cultural resources records and reports, historic-period maps, and literature for Alameda County. Please note that use of the term cultural resources includes both archaeological resources and historical buildings and/or structures.

Review of this information indicates that there has been one cultural resources study conducted that covers 100% the Ohlone College Fremont Campus Photovoltaic Project area: S-16070 (Baker and Shoup 1993). This project area contains no recorded archaeological resources. Local, state and federal inventories include no recorded buildings or structures within the proposed project area. In addition to these inventories, the NWIC base maps show no recorded buildings or structures withi the propose dproject area.

At the time of Euroamerican contact the Native Americans that lived in the area were speakers of the Costanoan/Ohlone language, part of the Utian language family (Levy 1978:485). There are no Native American resources in or adjacent to the proposed project area referenced in the ethnographic literature.

Based on an evaluation of the environmental setting and features associated with known sites, Native American resources in this part of Alameda County have been found in close proximity to sources of water (including perennial and intermittent streams and springs), near ecotones, and near the valley/upland transition zone. The Ohlone College Fremont Campus Photovoltaic Project area was bisected by an intermittent stream prior to channelization and is located at the foot of the Diablo Range. Given the similarity of these environmental factors, coupled with the presence of recorded archaeological sites

in the general vicinity of the project, there is a moderate potential of identifying unrecorded Native American resources in the proposed Ohlone College Fremont Campus Photovoltaic Project area.

Review of historical literature and maps indicated the possibility of historic-period archaeological resources within the Ohlone College Fremont Campus Photovoltaic Project area. The history of the project area is linked with that of Mission San Jose, founded in 1797. While, no specific mission-related resources are believed to exist within the proposed project area, the 1906 15-minute Pleasanton quadrangle depicts two buildings and a road within the proposed project area. The 1942 15-minute Pleasanton quadrangle fails to depict these buildings or the road. With this in mind, there is a moderate potential of identifying unrecorded historic-period archaeological resources in the proposed Ohlone College Fremont Campus Photovoltaic Project area.

The 1961 USGS 15-minute topographic quadrangle depicts one building within the Ohlone College Fremont Campus Photovoltaic Project area. If still extant, this unrecorded building meets the Office of Historic Preservation's minimum age standard that buildings, structures, and objects 45 years or older may be of historical value.

RECOMMENDATIONS:

1) There is a moderate possibility of identifying Native American archaeological resources and a moderate possibility of identifying historic-period archaeological resources in the project area. Although S-16070 (Baker and Shoup 1993) covered 100% of the proposed project area, due to the passage of time since the previous survey and the changes in archaeological theory and method since that time, we recommend a qualified archaeologist conduct further archival and field study to identify cultural resources. Field study may include, but is not limited to, pedestrian survey, hand auger sampling, shovel test units, or geoarchaeological analyses as well as other common methods used to identify the presence of archaeological resources. Please refer to the list of consultants who meet the Secretary of Interior's Standards at http://www.chrisinfo.org.

2) If the proposed project area contains buildings or structures that meet the minimum age requirement, it is recommended that prior to commencement of project activities this resource be assessed by a professional familiar with the architecture and history of Alameda County. Please refer to the list of consultants who meet the Secretary of Interior's Standards at http://www.chrisinfo.org.

3) Review for possible historic-period buildings or structures has included only those sources listed in the attached bibliography and should not be considered comprehensive.

4) If archaeological resources are encountered **during construction,** work should be temporarily halted in the vicinity of the discovered materials and workers should avoid altering the materials and their context until a qualified professional archaeologist has evaluated the situation and provided appropriate recommendations. Project personnel

should not collect cultural resources. Native American resources include chert or obsidian flakes, projectile points, mortars, and pestles; and dark friable soil containing shell and bone dietary debris, heat-affected rock, or human burials. Historic-period resources include stone or adobe foundations or walls; structures and remains with square nails; and refuse deposits or bottle dumps, often located in old wells or privies.

5) It is recommended that any identified cultural resources be recorded on DPR 523 historic resource recordation forms, available online from the Office of Historic Preservation's website: http://ohp.parks.ca.gov/default.asp?page_id=1069

Thank you for using our services. Please contact this office if you have any questions, (707) 588-8455.

Sincerely,

Bryan Much
Assistant Coordinator

LITERATURE REVIEWED

In addition to archaeological maps and site records on file at the Historical Resources Information System, Northwest Information Center, the following literature was reviewed:

Baker, Suzanne and Laurence H. Shoup
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Milliken, Randall
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1988 *Five Views: An Ethnic Sites Survey for California.* State of California Department of Parks and Recreation and Office of Historic Preservation, Sacramento.

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2011 *Historic Properties Directory.* Listing by City (through August 15, 2011). State of California Office of Historic Preservation, Sacramento.

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**Note that the Office of Historic Preservation's *Historic Properties Directory* includes National Register, State Registered Landmarks, California Points of Historical Interest, and the California Register of Historical Resources as well as Certified Local Government surveys that have undergone Section 106 review.

APPENDIX D

Environmental Database Records Report
(available online at http://www.ohlone.edu)

Ohlone College - Fremont PV
43600 Mission Boulevard
Fremont, CA 94539

Inquiry Number: 3233280.1s
January 04, 2012

The EDR Radius Map™ Report with GeoCheck®

Environmental Data Resources Inc

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

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Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	24
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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-11
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

43600 MISSION BOULEVARD
FREMONT, CA 94539

COORDINATES

Latitude (North):	37.525600 - 37˚ 31' 32.2''
Longitude (West):	121.915700 - 121˚ 54' 56.5''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	595812.5
UTM Y (Meters):	4153529.2
Elevation:	363 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37121-E8 NILES, CA
Most Recent Revision:	1980

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
OHLONE COMMUNITY COLLEGE DISTRICT 43600 MISSION BLVD PO BX 3909 FREMONT, CA 94539	HAZNET	N/A
OHLONE COLLEGE 43600 MISSION BLVD FREMONT, CA 94539	AST	N/A
OHLONE COMMUNITY COLLEGE 43600 MISSION BOULEVARD FREMONT, CA 94539	NPDES HIST CORTESE LUST Status: Completed - Case Closed CA FID UST SWEEPS UST HAZNET EMI	N/A

EXECUTIVE SUMMARY

FREMONT NEWARK COMMUNITY DIST 43600 MISSION BLVD PO BX 3909 FREMONT, CA 94539	HAZNET	N/A
OHLONE COLLEGE - MAINTENANCE 43600 MISSION BLVD FREMONT, CA 94539	HIST UST	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators
RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

EXECUTIVE SUMMARY

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

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

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

Alameda County CS..... Contaminated Sites
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

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

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

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

Local Land Records

LIENS 2	CERCLA Lien Information
LUCIS	Land Use Control Information System
LIENS	Environmental Liens Listing
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing

Other Ascertainable Records

RCRA-NonGen	RCRA - Non Generators
DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN	Bond Expenditure Plan
WDS	Waste Discharge System
Cortese	"Cortese" Hazardous Waste & Substances Sites List
Notify 65	Proposition 65 Records
DRYCLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
ENF	Enforcement Action Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
FINANCIAL ASSURANCE	Financial Assurance Information Listing
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
PCB TRANSFORMER	PCB Transformer Registration Database

EXECUTIVE SUMMARY

PROC Certified Processors Database
MWMP Medical Waste Management Program Listing
COAL ASH DOE Sleam-Electric Plan Operation Data
COAL ASH EPA Coal Combustion Residues Surface Impoundments List

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations EDR Proprietary Historic Gas Stations
EDR Historical Cleaners EDR Proprietary Historic Dry Cleaners

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

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, and dated 11/10/2011 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FIGTREE AUTO REPAIR	***43455 MISSION BLVD***	***NNW 1/4 - 1/2 (0.323 mi.)***	***7***	***17***
Status: Open - Verification Monitoring				

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 11/10/2011 has revealed that there is 1 SLIC site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TOWNSHIP CLEANERS	***43464 ELLSWORTH STREET***	***NW 1/4 - 1/2 (0.332 mi.)***	***8***	***21***
Facility Status: Open - Site Assessment				

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

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, and dated 11/10/2011 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

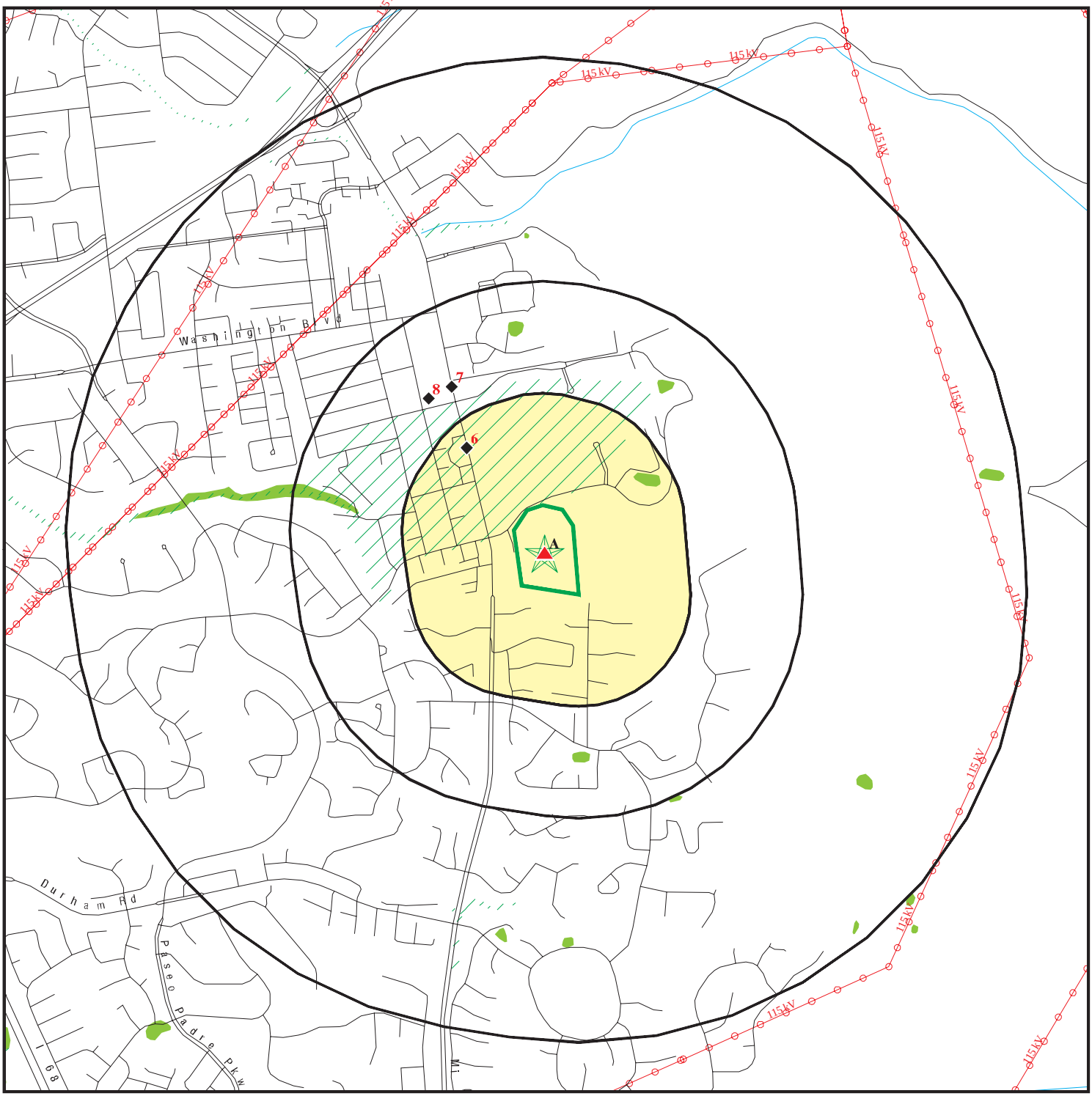
Lower Elevation	Address	Direction / Distance	Map ID	Page
MISSION SQUARE RENOVATION PART	43551 MISSION BLVD	NW 1/8 - 1/4 (0.193 mi.)	6	17

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 15 records.

Site Name	Database(s)
PACIFIC COMMONS, FREMONT	WDS, ENF
T2615 TARGET FREMONT SOUTH	NPDES
FREMONT ACURA	NPDES
FREMONT VISTA RETIREMENT HOMES	NPDES
1X CITY OF FREMONT	HAZNET
4550 FREMONT BLVD.	HMIRS
FREMONT SCALE I-880	ERNS
GRID SYSTEMS, INC. 47211 LAKEVIEW	ERNS
S. GRIMMER BLVD,BETWEEN OSGOOD & F	ERNS
S. GRIMMER BLVD, BETWEEN OSGOOD AN	ERNS
S. GRIMMER BLVD. FROM FREMONT TO O	ERNS
NB I 880, FREMONT INSPECTION FACIL	ERNS
FREMONT ROAD PROJECT	SLIC
DUMBARTON QUARRY ASSOCIATES	MINES
UCSB - B542 ORTEGA DINING FACILITY	EMI

OVERVIEW MAP - 3233280.1s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

N

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: Ohlone College - Fremont PV	CLIENT: Impact Sciences
ADDRESS: 43600 Mission Boulevard Fremont CA 94539	CONTACT: Elizabeth Purl INQUIRY #: 3233280.1s
LAT/LONG: 37.5256 / 121.9157	DATE: January 04, 2012 9:00 am

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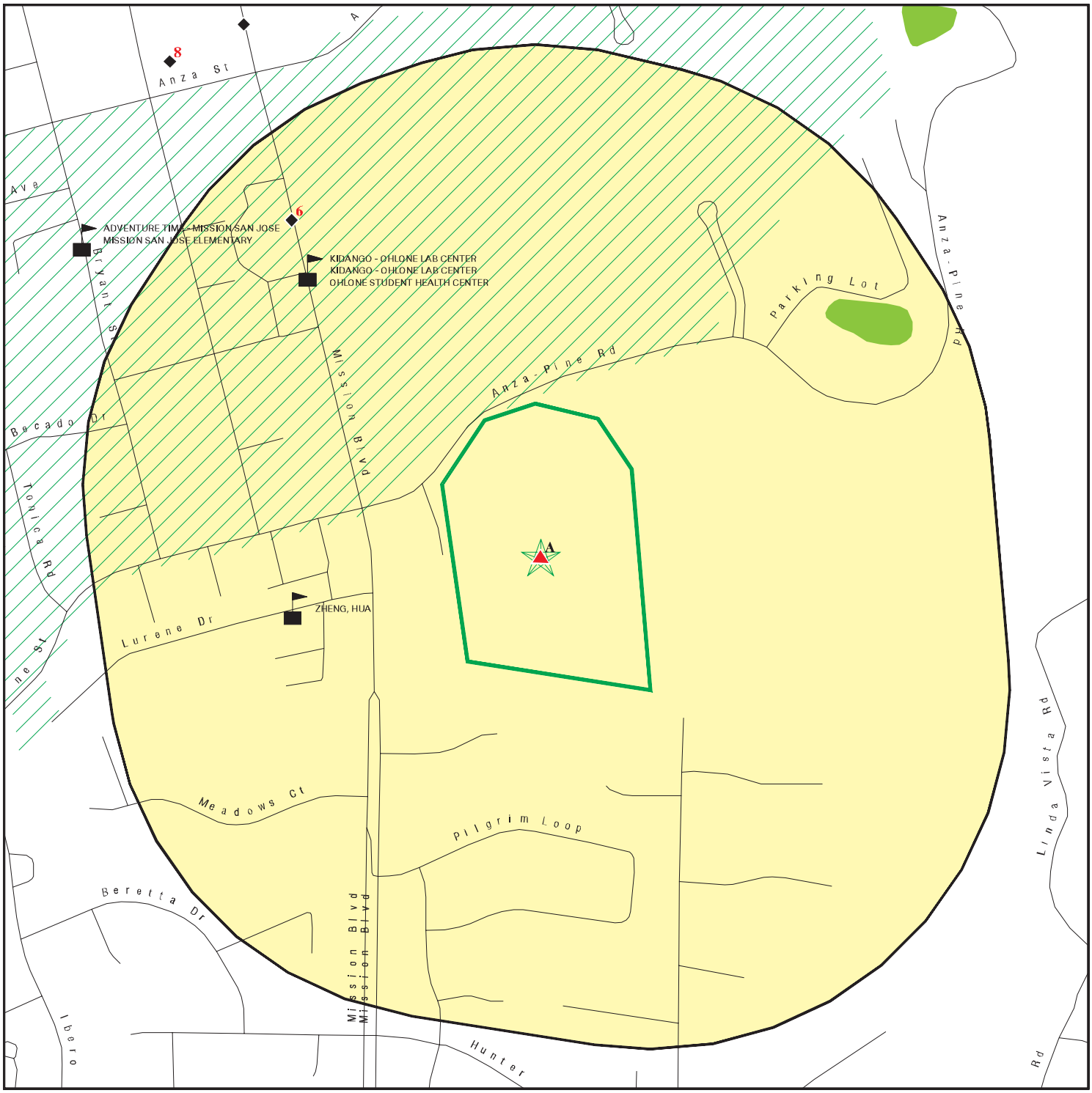
DETAIL MAP - 3233280.1s



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

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

N

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: Ohlone College - Fremont PV	CLIENT: Impact Sciences
ADDRESS: 43600 Mission Boulevard Fremont CA 94539	CONTACT: Elizabeth Purl INQUIRY #: 3233280.1s
LAT/LONG: 37.5256 / 121.9157	DATE: January 04, 2012 9:01 am

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MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Alameda County CS		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	0	1	NR	NR	NR	1
AST	X	0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		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								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
HIST Cal-Sites		1.000	0	0	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	X	0.250	0	0	NR	NR	NR	0
HIST UST	X	0.250	0	0	NR	NR	NR	0
SWEEPS UST	X	0.250	0	0	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **OHLONE COMMUNITY COLLEGE DISTRICT**
43600 MISSION BLVD PO BX 3909
FREMONT, CA 94539 | **HAZNET** | **S108215360**
N/A

Site 1 of 5 in cluster A

Actual: 363 ft.

HAZNET:

Year:	2010
Gepaid:	CAD982038390
Contact:	C BANUELOS, DISTRICT BUYER
Telephone:	5106596127
Mailing Name:	Not reported
Mailing Address:	43600 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945390000
Gen County:	Not reported
TSD EPA ID:	CAD980884183
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0045
Facility County:	Alameda

Year:	2010
Gepaid:	CAD982038390
Contact:	C BANUELOS, DISTRICT BUYER
Telephone:	5106596127
Mailing Name:	Not reported
Mailing Address:	43600 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945390000
Gen County:	Not reported
TSD EPA ID:	CA0000084517
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0798
Facility County:	Alameda

Year:	2010
Gepaid:	CAD982038390
Contact:	C BANUELOS, DISTRICT BUYER
Telephone:	5106596127
Mailing Name:	Not reported
Mailing Address:	43600 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945390000
Gen County:	Not reported
TSD EPA ID:	CAD003963592
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.2502
Facility County:	Alameda

Year:	2010
Gepaid:	CAD982038390
Contact:	C BANUELOS, DISTRICT BUYER
Telephone:	5106596127

OHLONE COMMUNITY COLLEGE DISTRICT (Continued) **S108215360**

Mailing Name:	Not reported
Mailing Address:	43600 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945390000
Gen County:	Not reported
TSD EPA ID:	CAD980884183
TSD County:	Not reported
Waste Category:	Laboratory waste chemicals
Disposal Method:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0025
Facility County:	Alameda

Year:	2010
Gepaid:	CAD982038390
Contact:	C BANUELOS, DISTRICT BUYER
Telephone:	5106596127
Mailing Name:	Not reported
Mailing Address:	43600 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945390000
Gen County:	Not reported
TSD EPA ID:	CAD980884183
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0005
Facility County:	Alameda

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

A2 **OHLONE COLLEGE** **AST** **A100338161**
Target **43600 MISSION BLVD** **N/A**
Property **FREMONT, CA 94539**

Site 2 of 5 in cluster A

Actual:
363 ft.

AST:

Owner:	OHLONE COLLEGE
Total Gallons:	5,500
Certified Unified Program Agencies:	Fremont

A3 **OHLONE COMMUNITY COLLEGE** **NPDES** **S101623646**
Target **43600 MISSION BOULEVARD** **HIST CORTESE** **N/A**
Property **FREMONT, CA 94539** **LUST**
CA FID UST
Site 3 of 5 in cluster A **SWEEPS UST**
HAZNET
Actual: **EMI**
363 ft.

NPDES:

Npdes Number:	CAS000002
Facility Status:	Terminated
Agency Id:	Not reported
Region:	2
Regulatory Measure Id:	315444

OHLONE COMMUNITY COLLEGE (Continued) **S101623646**

Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	2 01C345128
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/02/2007
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	05/11/2010
Discharge Name:	Ohlone Community College Dist
Discharge Address:	43600 Mission Blvd
Discharge City:	Fremont
Discharge State:	California
Discharge Zip:	94539

CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1999

LUST:

Region:	STATE
Global Id:	T0600101846
Latitude:	37.527896
Longitude:	-121.918482
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	02/23/1995
Lead Agency:	ALAMEDA COUNTY WATER DISTRICT
Case Worker:	SDI
Local Agency:	ALAMEDA COUNTY WATER DISTRICT
RB Case Number:	01-1999
LOC Case Number:	0212
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

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

LUST:

Global Id:	T0600101846
Contact Type:	Regional Board Caseworker
Contact Name:	Cherie McCaulou
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	cmccaulou@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0600101846
Contact Type:	Local Agency Caseworker
Contact Name:	STEVEN D. INN
Organization Name:	ALAMEDA COUNTY WATER DISTRICT
Address:	43885 SOUTH GRIMMER BOULEVARD
City:	FREMONT

OHLONE COMMUNITY COLLEGE (Continued) **S101623646**

Email: steven.inn@acwd.com
Phone Number: Not reported

LUST:
Global Id: T0600101846
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0600101846
Action Type: REMEDIATION
Date: 01/01/1950
Action: Not reported

Global Id: T0600101846
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0600101846
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

LUST REG 2:
Region: 2
Facility Id: 01-1999
Facility Status: Case Closed
Case Number: 0212
How Discovered: OM
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 7/29/1994
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CA FID UST:
Facility ID: 01003082
Regulated By: UTNKA
Regulated ID: 00031611
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 5106596105
Mail To: Not reported
Mailing Address: 43600 MISSION BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: FREMONT 94539
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported

OHLONE COMMUNITY COLLEGE (Continued) **S101623646**

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 31611
Number: 4
Board Of Equalization: 44-001319
Ref Date: 06-30-93
Act Date: 05-05-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 01-009-031611-000001
Actv Date: 07-09-93
Capacity: 1000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 2

Status: A
Comp Number: 31611
Number: 4
Board Of Equalization: 44-001319
Ref Date: 06-30-93
Act Date: 05-05-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 01-009-031611-000002
Actv Date: 07-09-93
Capacity: 5000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HAZNET:
Year: 2009
Gepaid: CAC002632160
Contact: SIMON BARROS
Telephone: 5106596105
Mailing Name: Not reported
Mailing Address: 43600 MISSION BLVD
Mailing City,St,Zip: FREMONT, CA 945395847
Gen County: Yolo
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.1
Facility County: Yolo

OHLONE COMMUNITY COLLEGE (Continued) **S101623646**

Year:	2008
Gepaid:	CAC002632160
Contact:	SIMON BARROS
Telephone:	5106596105
Mailing Name:	Not reported
Mailing Address:	43600 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945395847
Gen County:	Yolo
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	0.4
Facility County:	Yolo

Year:	2008
Gepaid:	CAC002632160
Contact:	SIMON BARROS
Telephone:	5106596105
Mailing Name:	Not reported
Mailing Address:	43600 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945395847
Gen County:	Yolo
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other inorganic solid waste
Disposal Method:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0075
Facility County:	Yolo

EMI:

Year:	1990
County Code:	1
Air Basin:	SF
Facility ID:	3416
Air District Name:	BA
SIC Code:	8222
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	1
Air Basin:	SF
Facility ID:	3416
Air District Name:	BA
SIC Code:	8222
Air District Name:	BAY AREA AQMD

OHLONE COMMUNITY COLLEGE (Continued) **S101623646**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
County Code:	1
Air Basin:	SF
Facility ID:	3416
Air District Name:	BA
SIC Code:	8222
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
County Code:	1
Air Basin:	SF
Facility ID:	3416
Air District Name:	BA
SIC Code:	8222
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

A4 Target Property **FREMONT NEWARK COMMUNITY DIST** **HAZNET** **1000301776**
43600 MISSION BLVD PO BX 3909 **N/A**
FREMONT, CA 94539

Site 4 of 5 in cluster A

Actual: 363 ft.

HAZNET:

Year:	2003
Gepaid:	CAD982038390
Contact:	KATHY MARTIN - DISTRICT BUYER
Telephone:	5106596127
Mailing Name:	FREMONT COMMUNITY COLLEGE DISTRICT
Mailing Address:	43600 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945395847

FREMONT NEWARK COMMUNITY DIST (Continued) **1000301776**

Gen County: Alameda
TSD EPA ID: CAD059494310
TSD County: Alameda
Waste Category: Liquids with mercury >= 20 Mg./L
Disposal Method: Not reported
Tons: 0.02
Facility County: 1

Year: 2003
Gepaid: CAD982038390
Contact: KATHY MARTIN - DISTRICT BUYER
Telephone: 5106596127
Mailing Name: FREMONT COMMUNITY COLLEGE DISTRICT
Mailing Address: 43600 MISSION BLVD
Mailing City,St,Zip: FREMONT, CA 945395847
Gen County: Alameda
TSD EPA ID: CAD059494310
TSD County: Alameda
Waste Category: Laboratory waste chemicals
Disposal Method: Not reported
Tons: 0.07
Facility County: 1

Year: 2003
Gepaid: CAD982038390
Contact: KATHY MARTIN - DISTRICT BUYER
Telephone: 5106596127
Mailing Name: FREMONT COMMUNITY COLLEGE DISTRICT
Mailing Address: 43600 MISSION BLVD
Mailing City,St,Zip: FREMONT, CA 945395847
Gen County: Alameda
TSD EPA ID: CAD059494310
TSD County: Alameda
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: 0.06
Facility County: 1

Year: 2003
Gepaid: CAD982038390
Contact: KATHY MARTIN - DISTRICT BUYER
Telephone: 5106596127
Mailing Name: FREMONT COMMUNITY COLLEGE DISTRICT
Mailing Address: 43600 MISSION BLVD
Mailing City,St,Zip: FREMONT, CA 945395847
Gen County: Alameda
TSD EPA ID: CAD028409019
TSD County: Alameda
Waste Category: Off-specification, aged or surplus organics
Disposal Method: H01
Tons: 0.27
Facility County: 1

Year: 2003
Gepaid: CAD982038390
Contact: KATHY MARTIN - DISTRICT BUYER
Telephone: 5106596127

FREMONT NEWARK COMMUNITY DIST (Continued) **1000301776**

Mailing Name:	FREMONT COMMUNITY COLLEGE DISTRICT
Mailing Address:	43600 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945395847
Gen County:	Alameda
TSD EPA ID:	CAD028409019
TSD County:	Alameda
Waste Category:	Other inorganic solid waste
Disposal Method:	H01
Tons:	0
Facility County:	1

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

A5 **OHLONE COLLEGE - MAINTENANCE** **HIST UST** **U001596960**
Target **43600 MISSION BLVD** **N/A**
Property **FREMONT, CA 94539**

Site 5 of 5 in cluster A

Actual:
363 ft.

HIST UST:

Region:	STATE
Facility ID:	00000031611
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0002
Contact Name:	FRED L. FRAZIER
Telephone:	4156596105
Owner Name:	FREMONT-NEWARK COMMUNITY COLLE
Owner Address:	43600 MISSION BOULEVARD
Owner City,St,Zip:	FREMONT, CA 94539
Tank Num:	001
Container Num:	1002
Year Installed:	1979
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	1001
Year Installed:	1972
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Stock Inventor

6
NW
1/8-1/4
0.193 mi.
1021 ft.

MISSION SQUARE RENOVATION PARTNERS
43551 MISSION BLVD
FREMONT, CA 94539

UST
U003782285
N/A

Relative:
Lower

Actual:
324 ft.

UST:

Facility ID:	9123
Latitude:	37.529
Longitude:	-121.91887

7
NNW
1/4-1/2
0.323 mi.
1703 ft.

FIGTREE AUTO REPAIR
43455 MISSION BLVD
FREMONT, CA 94539

LUST
CA FID UST
SWEEPS UST
HAZNET
S101623641
N/A

Relative:
Lower

Actual:
315 ft.

LUST:

Region:	STATE
Global Id:	T0600180856
Latitude:	37.530992
Longitude:	-121.919515
Case Type:	LUST Cleanup Site
Status:	Open - Verification Monitoring
Status Date:	06/01/2000
Lead Agency:	ALAMEDA COUNTY WATER DISTRICT
Case Worker:	SZ
Local Agency:	ALAMEDA COUNTY WATER DISTRICT
RB Case Number:	01-2550
LOC Case Number:	0348
File Location:	Local Agency
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	The Fig Tree Service Station is an active gas station located at 43455 Mission Boulevard in Fremont.

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

LUST:

Global Id:	T0600180856
Contact Type:	Local Agency Caseworker
Contact Name:	SELIM ZEYREK
Organization Name:	ALAMEDA COUNTY WATER DISTRICT
Address:	43885 SOUTH GRIMMER BLVD
City:	FREMONT
Email:	selim.zeyrek@acwd.com
Phone Number:	Not reported

Global Id:	T0600180856
Contact Type:	Regional Board Caseworker
Contact Name:	Cherie McCaulou
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	cmccaulou@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0600180856
Action Type:	Other

FIGTREE AUTO REPAIR (Continued) **S101623641**

Date: 01/01/1950
Action: Leak Reported

Global Id: T0600180856
Action Type: ENFORCEMENT
Date: 10/29/2010
Action: File Review - Closure

Global Id: T0600180856
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavate and Dispose

Global Id: T0600180856
Action Type: ENFORCEMENT
Date: 04/06/2011
Action: Notification - Fee Title Owners Notice

Global Id: T0600180856
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0600180856
Action Type: ENFORCEMENT
Date: 06/18/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0600180856
Action Type: ENFORCEMENT
Date: 10/16/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0600180856
Action Type: ENFORCEMENT
Date: 07/30/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0600180856
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0600180856
Action Type: ENFORCEMENT
Date: 05/18/2009
Action: Technical Correspondence / Assistance / Other

LUST REG 2:
Region: 2
Facility Id: 01-2550
Facility Status: Post remedial action monitoring
Case Number: 0348
How Discovered: Tank Closure
Leak Cause: D
Leak Source: Tank

FIGTREE AUTO REPAIR (Continued) **S101623641**

Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 6/1/2000

CA FID UST:
Facility ID: 01003086
Regulated By: UTNKA
Regulated ID: 00052093
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 5106561831
Mail To: Not reported
Mailing Address: 43455 MISSION BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: FREMONT 94539
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 52093
Number: 9
Board Of Equalization: 44-001336
Ref Date: 08-17-92
Act Date: 08-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 01-009-052093-000001
Actv Date: 07-01-85
Capacity: 3000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: A
Comp Number: 52093
Number: 9
Board Of Equalization: 44-001336
Ref Date: 08-17-92
Act Date: 08-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 01-009-052093-000002

FIGTREE AUTO REPAIR (Continued) **S101623641**

Actv Date:	07-01-85
Capacity:	4000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	A
Comp Number:	52093
Number:	9
Board Of Equalization:	44-001336
Ref Date:	08-17-92
Act Date:	08-26-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	3
Swrcb Tank Id:	01-009-052093-000003
Actv Date:	07-01-85
Capacity:	8000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

HAZNET:

Year:	2006
Gepaid:	CAL000213568
Contact:	RAM PAUL/PARTNER
Telephone:	5106591055
Mailing Name:	Not reported
Mailing Address:	43455 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945390000
Gen County:	Alameda
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	H14
Tons:	0.22
Facility County:	1

Year:	2004
Gepaid:	CAL000213568
Contact:	RAM PAUL/PARTNER
Telephone:	5106591055
Mailing Name:	Not reported
Mailing Address:	43455 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945390000
Gen County:	Alameda
TSD EPA ID:	CAD980887418
TSD County:	Alameda
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01
Tons:	0.14
Facility County:	Not reported

Year:	2003
Gepaid:	CAL000213568

FIGTREE AUTO REPAIR (Continued) **S101623641**

Contact:	RAVINDER SINGH/PARTNER
Telephone:	5106591055
Mailing Name:	Not reported
Mailing Address:	43455 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945390000
Gen County:	Alameda
TSD EPA ID:	CAL000161743
TSD County:	Alameda
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01
Tons:	0.25
Facility County:	1

Year:	2003
Gepaid:	CAL000213568
Contact:	RAVINDER SINGH/PARTNER
Telephone:	5106591055
Mailing Name:	Not reported
Mailing Address:	43455 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945390000
Gen County:	Alameda
TSD EPA ID:	CAL000161743
TSD County:	Alameda
Waste Category:	Waste oil and mixed oil
Disposal Method:	R01
Tons:	0.75
Facility County:	1

Year:	2002
Gepaid:	CAL000213568
Contact:	RAVINDER SINGH/PARTNER
Telephone:	5106591055
Mailing Name:	Not reported
Mailing Address:	43455 MISSION BLVD
Mailing City,St,Zip:	FREMONT, CA 945390000
Gen County:	Alameda
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01
Tons:	0.24
Facility County:	Not reported

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

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8 **TOWNSHIP CLEANERS** **SLIC** **1001610682**
NW **43464 ELLSWORTH STREET** **HAZNET** **N/A**
1/4-1/2 **FREMONT, CA 94539**
0.332 mi.
1754 ft.

Relative:
Lower

Actual:
305 ft.

SLIC:

Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	03/23/2011
Global Id:	T10000002930
Lead Agency:	ALAMEDA COUNTY WATER DISTRICT

TOWNSHIP CLEANERS (Continued) **1001610682**

Lead Agency Case Number:	814
Latitude:	37.5307799
Longitude:	-121.9207799
Case Type:	Cleanup Program Site
Case Worker:	SZ
Local Agency:	ALAMEDA COUNTY WATER DISTRICT
RB Case Number:	01S0721
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

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

HAZNET:

Year:	2001
Gepaid:	CAL000042176
Contact:	STAN & ELAINE CAIRES, OWNERS
Telephone:	4156562056
Mailing Name:	Not reported
Mailing Address:	43464 ELLSWORTH ST
Mailing City,St,Zip:	FREMONT, CA 945395819
Gen County:	Alameda
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01
Tons:	0.09
Facility County:	Not reported

Year:	2000
Gepaid:	CAL000042176
Contact:	STAN CAIRES & ELAINE CAIRES
Telephone:	4156562056
Mailing Name:	Not reported
Mailing Address:	43464 ELLSWORTH ST
Mailing City,St,Zip:	FREMONT, CA 945395819
Gen County:	1
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	R01
Tons:	.0542
Facility County:	1

Year:	2000
Gepaid:	CAL000042176
Contact:	STAN CAIRES & ELAINE CAIRES
Telephone:	4156562056
Mailing Name:	Not reported
Mailing Address:	43464 ELLSWORTH ST
Mailing City,St,Zip:	FREMONT, CA 945395819
Gen County:	1
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene,

TOWNSHIP CLEANERS (Continued) **1001610682**

etc)
Disposal Method: Not reported
Tons: .0000
Facility County: 1

Year: 1999
Gepaid: CAL000042176
Contact: STAN CAIRES & ELAINE CAIRES
Telephone: 4156562056
Mailing Name: Not reported
Mailing Address: 43464 ELLSWORTH ST
Mailing City,St,Zip: FREMONT, CA 945395819
Gen County: 1
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01
Tons: 0.39
Facility County: 1

Year: 1998
Gepaid: CAL000042176
Contact: STAN CAIRES & ELAINE CAIRES
Telephone: 4156562056
Mailing Name: Not reported
Mailing Address: 43464 ELLSWORTH ST
Mailing City,St,Zip: FREMONT, CA 945395819
Gen County: 1
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01
Tons: .4875
Facility County: 1

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

Count: 15 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ALAMEDA COUNTY	M300006754	DUMBARTON QUARRY ASSOCIATES	LA VISTA QUARRY		MINES
FREMONT	S104155990	PACIFIC COMMONS, FREMONT	AUTOMALL PKWY		WDS, ENF
FREMONT	S111216495	T2615 TARGET FREMONT SOUTH	CHRISTY CURIE ST		NPDES
FREMONT	S109444025	FREMONT ACURA	CRUSHING PKWY & AUTO CENTER C		NPDES
FREMONT	8713652	FREMONT SCALE I-880	FREMONT SCALE I-880		ERNS
FREMONT	2007438857	4550 FREMONT BLVD.	4550 FREMONT BLVD.		HMIRS
FREMONT	90158067	GRID SYSTEMS, INC. 47211 LAKEVIEW	GRID SYSTEMS, INC. 47211 LAKEV		ERNS
FREMONT	90465640	S. GRIMMER BLVD,BETWEEN OSGOOD & F	S. GRIMMER BLVD,BETWEEN OSGOOD		ERNS
FREMONT	90171353	S. GRIMMER BLVD, BETWEEN OSGOOD AN	S. GRIMMER BLVD, BETWEEN OSGOO		ERNS
FREMONT	90172569	S. GRIMMER BLVD. FROM FREMONT TO O	S. GRIMMER BLVD. FROM FREMONT	94539	ERNS
FREMONT	90173468	NB I 880, FREMONT INSPECTION FACIL	NB I 880, FREMONT INSPECTION F		ERNS
FREMONT	S104575091	1X CITY OF FREMONT	PACIFIC GAS	94539	HAZNET
FREMONT	S109444038	FREMONT VISTA RETIREMENT HOMES	SITE LOCATION	94539	NPDES
FREMONT	S106235273	FREMONT ROAD PROJECT	UNKNOWN CHASE ST / 3RD ST		SLIC
SANTA BARBARA	S110503779	UCSB - B542 ORTEGA DINING FACILITY	BUILDING ORTEGA	94539	EMI

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/30/2011
Date Data Arrived at EDR: 07/12/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 79

Source: EPA
Telephone: N/A
Last EDR Contact: 10/12/2011
Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/30/2011
Date Data Arrived at EDR: 07/12/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 79

Source: EPA
Telephone: N/A
Last EDR Contact: 10/12/2011
Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Quarterly

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: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/14/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/09/2011
Date Data Arrived at EDR: 03/15/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 91

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 03/16/2011
Date Data Arrived at EDR: 03/25/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/16/2011
Date Data Arrived at EDR: 03/25/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
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: 10/03/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/04/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 11/07/2011
Date Data Arrived at EDR: 11/08/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 11/07/2011
Date Data Arrived at EDR: 11/08/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/21/2011
Date Data Arrived at EDR: 11/22/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 21

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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

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 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 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: Quarterly

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 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 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: Quarterly

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: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 33

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

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: Varies

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 33

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
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: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

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: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 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: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2011
Next Scheduled EDR Contact: 02/13/2012
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: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
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: 08/11/2011
Date Data Arrived at EDR: 08/12/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 32

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/31/2011
Date Data Arrived at EDR: 02/01/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 48

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/16/2011
Date Data Arrived at EDR: 06/02/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 103

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 12/14/2011
Number of Days to Update: 34

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 10/11/2011
Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Quarterly

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: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

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: 08/04/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2011
Date Data Arrived at EDR: 06/01/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 13

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
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: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/01/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 18

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
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: 08/11/2011
Date Data Arrived at EDR: 08/12/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 32

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/17/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Varies

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: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 11/07/2011
Date Data Arrived at EDR: 11/08/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Quarterly

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: 08/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/04/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/20/2011
Date Made Active in Reports: 10/24/2011
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/14/2011
Date Data Arrived at EDR: 09/15/2011
Date Made Active in Reports: 10/24/2011
Number of Days to Update: 39

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 03/05/2012
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: 11/07/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/08/2011
Date Data Arrived at EDR: 09/16/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 13

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/05/2011
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/07/2011
Date Data Arrived at EDR: 11/08/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2011
Date Data Arrived at EDR: 08/11/2011
Date Made Active in Reports: 09/09/2011
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/09/2011
Date Data Arrived at EDR: 09/16/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 09/19/2011
Date Data Arrived at EDR: 09/20/2011
Date Made Active in Reports: 10/24/2011
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

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: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 24

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/13/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/03/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 43

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 33

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 33

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/08/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/20/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/01/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 41

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 07/31/2011
Date Data Arrived at EDR: 09/14/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 15

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Annually

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: 09/14/2010
Date Data Arrived at EDR: 10/21/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 99

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/29/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/07/2011
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/17/2010
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 94

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 12/02/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
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: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
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: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
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

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
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: 01/07/2011
Date Data Arrived at EDR: 01/21/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
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: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/19/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Annually

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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/12/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/13/2011
Next Scheduled EDR Contact: 01/23/2012
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: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/13/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
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

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: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Biennially

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

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/21/2011
Date Data Arrived at EDR: 11/22/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 11/30/2011
Date Data Arrived at EDR: 11/30/2011
Date Made Active in Reports: 12/16/2011
Number of Days to Update: 16

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES].

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

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: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/20/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: No Update Planned

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: 06/28/2011
Date Data Arrived at EDR: 07/21/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 10/03/2011
Next Scheduled EDR Contact: 01/16/2012
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: 08/15/2011
Date Data Arrived at EDR: 08/23/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/30/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/19/2011
Date Made Active in Reports: 08/16/2011
Number of Days to Update: 28

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/17/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/30/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/20/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/24/2011
Next Scheduled EDR Contact: 02/06/2012
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/20/2011
Date Made Active in Reports: 10/24/2011
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
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: 09/09/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 10/10/2011
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/12/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/08/2011
Next Scheduled EDR Contact: 01/30/2012
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: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/08/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/20/2011
Date Data Arrived at EDR: 10/21/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 18

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/21/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/09/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/02/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/29/2011
Date Data Arrived at EDR: 11/30/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 13

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/21/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 11/04/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/20/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/04/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas 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.

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 Historical Cleaners: EDR Proprietary Historic Dry 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.

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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/10/2011
Date Data Arrived at EDR: 10/11/2011
Date Made Active in Reports: 11/09/2011
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/30/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/10/2011
Date Data Arrived at EDR: 10/11/2011
Date Made Active in Reports: 11/14/2011
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/30/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 14

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 11/07/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 12/16/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/20/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/28/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 24

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/17/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/24/2011
Date Data Arrived at EDR: 10/25/2011
Date Made Active in Reports: 11/22/2011
Number of Days to Update: 28

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/25/2011
Next Scheduled EDR Contact: 11/07/2011
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 11/17/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/09/2011
Date Data Arrived at EDR: 02/09/2011
Date Made Active in Reports: 03/04/2011
Number of Days to Update: 23

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/24/2011
Next Scheduled EDR Contact: 02/06/2012
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/03/2011
Date Data Arrived at EDR: 02/08/2011
Date Made Active in Reports: 03/03/2011
Number of Days to Update: 23

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/24/2011
Next Scheduled EDR Contact: 02/06/2012
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/17/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 11/14/2011
Number of Days to Update: 26

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/17/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 10/17/2011
Date Data Arrived at EDR: 10/25/2011
Date Made Active in Reports: 11/14/2011
Number of Days to Update: 20

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 10/11/2011
Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2011
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/17/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 26

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/18/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 25

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/18/2011
Date Made Active in Reports: 12/14/2011
Number of Days to Update: 26

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 10/18/2011
Number of Days to Update: 35

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/20/2011
Date Data Arrived at EDR: 10/21/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/20/2011
Date Data Arrived at EDR: 10/21/2011
Date Made Active in Reports: 11/14/2011
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/26/2012
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/02/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 27

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/07/2011
Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2011
Date Data Arrived at EDR: 10/14/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 25

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/07/2011
Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/30/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 12/16/2011
Number of Days to Update: 15

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/09/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/16/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 39

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 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: 12/12/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

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: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/27/2011
Date Data Arrived at EDR: 09/28/2011
Date Made Active in Reports: 10/19/2011
Number of Days to Update: 21

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 10/17/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 12/05/2011
Number of Days to Update: 6

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/20/2011
Date Data Arrived at EDR: 09/22/2011
Date Made Active in Reports: 10/24/2011
Number of Days to Update: 32

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 09/06/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 10/10/2011
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 12/05/2011
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 09/01/2011
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 32

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 12/12/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/20/2011
Date Data Arrived at EDR: 09/28/2011
Date Made Active in Reports: 10/25/2011
Number of Days to Update: 27

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/20/2011
Date Data Arrived at EDR: 09/28/2011
Date Made Active in Reports: 10/19/2011
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/05/2011
Date Data Arrived at EDR: 04/06/2011
Date Made Active in Reports: 05/12/2011
Number of Days to Update: 36

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 10/19/2011
Number of Days to Update: 36

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 10/27/2011
Date Data Arrived at EDR: 11/23/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 20

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/17/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 09/14/2011
Date Data Arrived at EDR: 09/15/2011
Date Made Active in Reports: 10/24/2011
Number of Days to Update: 39

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/21/2011
Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/17/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Quarterly

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: 10/27/2011
Date Data Arrived at EDR: 11/07/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 36

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/30/2011
Date Data Arrived at EDR: 09/20/2011
Date Made Active in Reports: 10/19/2011
Number of Days to Update: 29

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 11/15/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 12/14/2011
Number of Days to Update: 23

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/21/2011
Date Data Arrived at EDR: 11/22/2011
Date Made Active in Reports: 12/22/2011
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/18/2011
Next Scheduled EDR Contact: 01/30/2012
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: 11/01/2011
Date Data Arrived at EDR: 11/08/2011
Date Made Active in Reports: 12/22/2011
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/08/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

OHLONE COLLEGE - FREMONT PV
43600 MISSION BOULEVARD
FREMONT, CA 94539

TARGET PROPERTY COORDINATES

Latitude (North):	37.52560 - 37˚ 31' 32.2''
Longitude (West):	121.9157 - 121˚ 54' 56.5''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	595812.5
UTM Y (Meters):	4153529.2
Elevation:	363 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37121-E8 NILES, CA
Most Recent Revision:	1980

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).

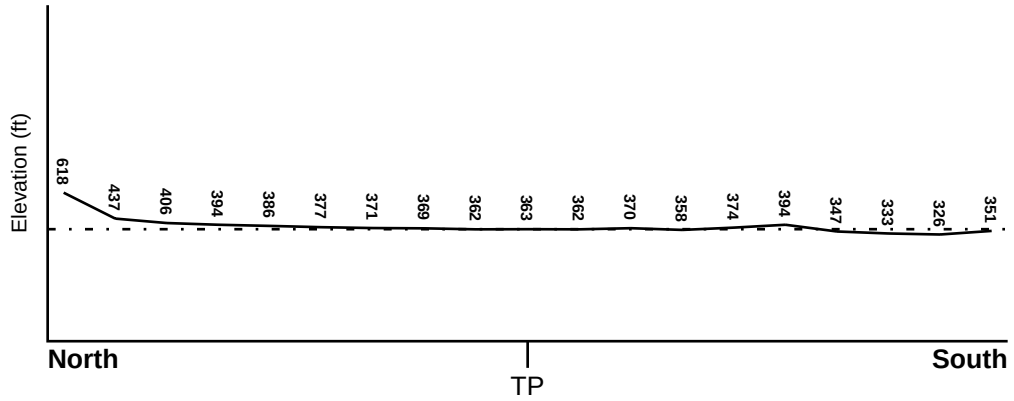
TOPOGRAPHIC INFORMATION

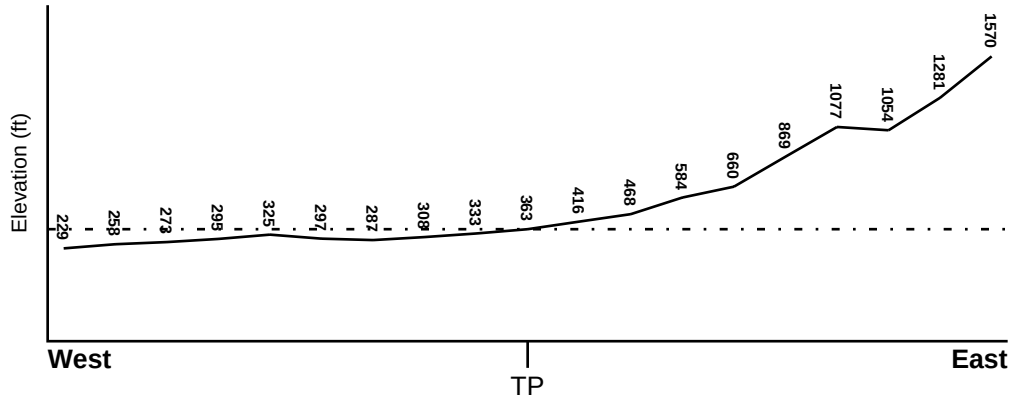
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 363 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
ALAMEDA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06001C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NILES	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
1	1/8 - 1/4 Mile NW	Not Reported
2	1/2 - 1 Mile NW	NW
3	1/2 - 1 Mile NNW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

* ©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

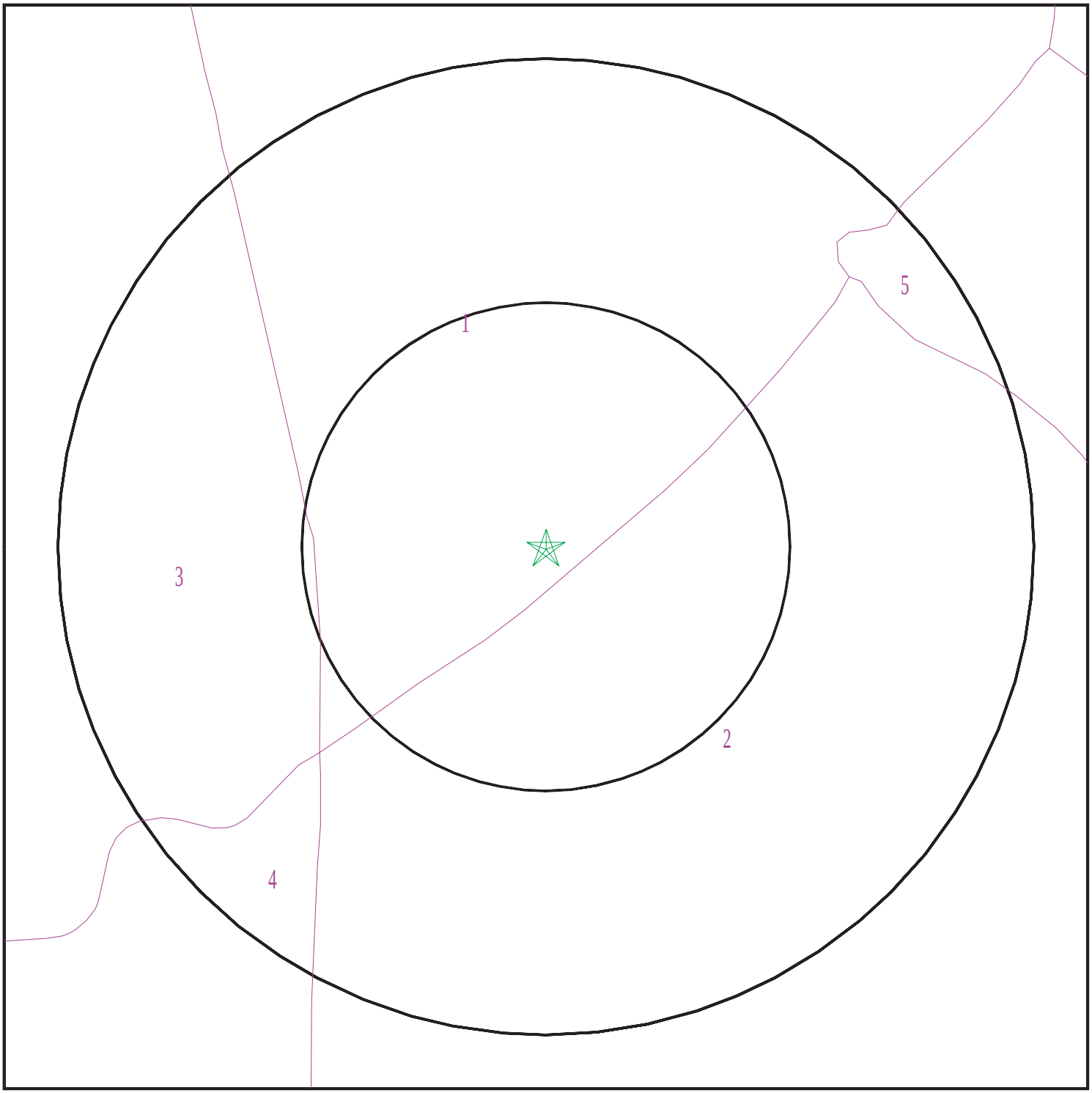
Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm *(decoded above as Era, System & Series)*

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 - 3233280.1s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Ohlone College - Fremont PV	CLIENT:	Impact Sciences
ADDRESS:	43600 Mission Boulevard Fremont CA 94539	CONTACT:	Elizabeth Purl
		INQUIRY #:	3233280.1s
LAT/LONG:	37.5256 / 121.9157	DATE:	January 04, 2012 9:01 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: Azule

Soil Surface Texture: clay 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: 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	5 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:
2	5 inches	20 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:
3	20 inches	25 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: Diablo

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: Partially 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	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	14 inches	42 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	42 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: Azule

Soil Surface Texture: clay 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: 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	5 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:
2	5 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:
3	25 inches	29 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:

Soil Map ID: 4

Soil Component Name: Diablo

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: Partially 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	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	14 inches	42 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	42 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 5

Soil Component Name: Diablo

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: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	14 inches	42 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	42 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

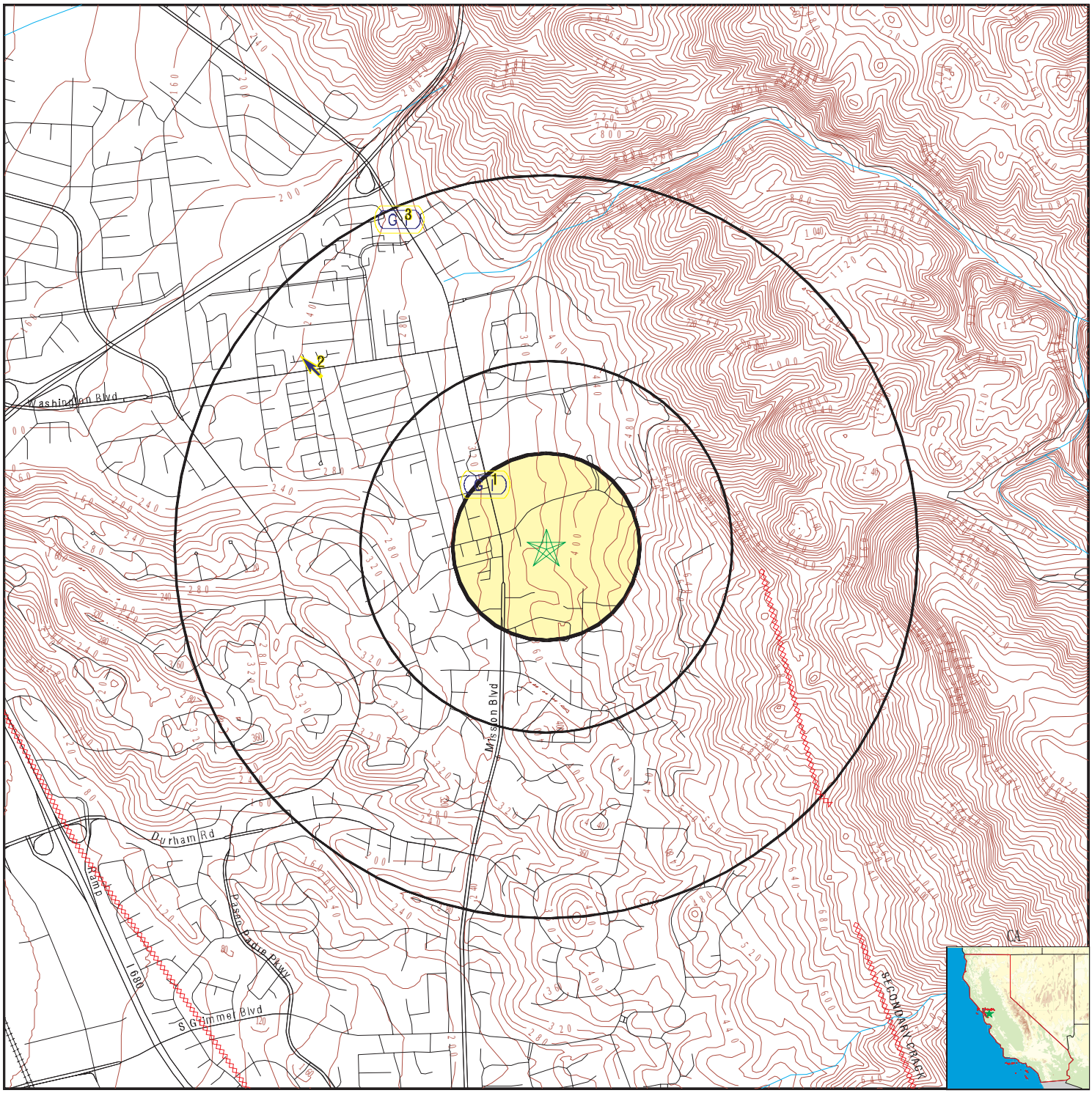
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 3233280.1s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

N

SITE NAME:	Ohlone College - Fremont PV	CLIENT:	Impact Sciences
ADDRESS:	43600 Mission Boulevard Fremont CA 94539	CONTACT:	Elizabeth Purl
		INQUIRY #:	3233280.1s
LAT/LONG:	37.5256 / 121.9157	DATE:	January 04, 2012 9:01 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 **NW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	0212 Not Reported Not Reported Not Reported 30' 12/21/1994	**AQUIFLOW**	**69587**
2 **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	0434 NW 22.00 30.42 Not Reported 01/27/1999	**AQUIFLOW**	**69614**
3 **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	0226 Not Reported 10.94 33.37 Not Reported 04/13/1999	**AQUIFLOW**	**69593**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94539	29	0

Federal EPA Radon Zone for ALAMEDA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 94539

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.900 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.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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