



Walnut Creek Water Treatment Plant Pretreatment Project

Draft Environmental Impact Report

SCH #2022020573

Volume II – Appendices A-F



Prepared By:



September 2023

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East Bay Municipal Utility District

Walnut Creek Water Treatment Plant Pretreatment Project

Draft Environmental Impact Report
Volume II – Appendices A-F

September 2023

Prepared for:
East Bay Municipal Utility District
Water Distribution Planning Division
375 11th Street
Oakland, CA 94607

Prepared by:
Woodard & Curran
2175 North California Boulevard, Suite 315
Walnut Creek, CA 94596

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Appendix A - Notice of Preparation and Initial Study

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**NOTICE OF PREPARATION OF A
DRAFT ENVIRONMENTAL IMPACT REPORT
WALNUT CREEK WATER TREATMENT PLANT PRETREATMENT PROJECT
EAST BAY MUNICIPAL UTILITY DISTRICT**

FEBRUARY 28, 2022

TO: Responsible and Trustee Agencies, Organizations, and Interested Parties

FROM: East Bay Municipal Utility District
375 Eleventh Street, MS 701
Oakland, CA 94607-4240

SUBJECT: Notice of Preparation of a Draft Environmental Impact Report for the Walnut Creek Water Treatment Plant Pretreatment Project

The East Bay Municipal Utility District (EBMUD), acting as lead agency under the California Environmental Quality Act (CEQA), is preparing an Environmental Impact Report (EIR) for the Walnut Creek Water Treatment Plant Pretreatment Project (Project).

AGENCIES: EBMUD requests your input regarding the scope and content of the environmental information that is germane to your agency's statutory responsibilities in connection with the proposed Project.

ORGANIZATIONS AND OTHER INTERESTED PARTIES: EBMUD requests comments from organizations and interested parties regarding the environmental issues associated with construction and operation of the proposed Project.

PROJECT TITLE: Walnut Creek Water Treatment Plant Pretreatment Project

PROJECT LOCATION: The Walnut Creek Water Treatment Plant (Walnut Creek WTP) is located on a 50-acre site in the City of Walnut Creek, CA. The Project also includes improvements at the Lafayette Water Treatment Plant (Lafayette WTP), a 14-acre site located in the City of Lafayette. The Walnut Creek WTP is bounded by Alfred Avenue to the east, the Briones to Mount Diablo Regional Trail to the north, and Acalanes Ridge Open Space to the south and west (see **Figure 1**). The Lafayette WTP is bounded by Mt. Diablo Boulevard to the south and west, Temple Isaiah to the east, and State Route 24 to the north (see **Figure 2**).

PROJECT PURPOSE: The Walnut Creek WTP is the primary water treatment plant serving approximately 500,000 customers in EBMUD's east-of-hills service area, which includes portions of Pleasant Hill, portions of Walnut Creek, Alamo, Lafayette, Danville, Blackhawk, and San Ramon Valley. The Walnut Creek WTP primarily treats Mokelumne River water stored in the Sierra foothills at Pardee Reservoir, but also treats water stored locally in Briones Reservoir. The proposed Project would add pretreatment facilities to the Walnut Creek WTP that would allow EBMUD to more reliably treat lower quality untreated water resulting from high rainfall runoff, wildfires, future droughts, algae blooms, climate change and emerging contaminants. The proposed Project would also improve treated water taste and odor and eliminate treatment process limitations that prevent the Walnut Creek WTP from being able to sustain its planned capacity of 160 million gallons per day (MGD). **Figure 3** shows the proposed location and approximate footprint of the new pretreatment facilities and ancillary improvements required throughout the Walnut Creek WTP site. Hydraulic changes at the Walnut Creek WTP would require modification of weir structures at the Lafayette WTP, at the locations shown in **Figure 4**.

PROJECT DESCRIPTION: The proposed Project would be designed and constructed in two separate phases as detailed below. The Phase 1 improvements include new pretreatment and ozone facilities that would allow the Walnut Creek WTP to more reliably treat a broader range of untreated water quality up to a capacity of 125 MGD, while the Phase 2 pretreatment improvements would include additional pretreatment and ozone facilities that would allow EBMUD to treat up to the planned capacity of 160 MGD. EBMUD plans to construct the Phase 1 improvements from 2027 to 2030. The construction timing of the Phase 2 improvements is not firmly established but would depend on untreated water quality conditions in the future and the timing of future demands.

Phase 1 - Proposed Pretreatment Improvements at Walnut Creek WTP

- Two gravity thickeners
- Thickened solids pump station
- Solids blending tanks
- Solids dewatering building with truck loading facility
- Combined reclaim vault
- Electrical facilities, including unit substation, plant backup generator, and fuel storage
- Liquid oxygen (LOX) storage area
- Ozone generation building
- North pre-ozone injection pumps
- North intermediate ozone injection pumps
- North intermediate ozone contactor
- North ozone quenching and destruct facilities
- North ballasted flocculation basins
- Chemical building improvements, including storage and feed systems
- Maintenance building
- Large diameter buried pipelines
- Paved roadways
- Paved parking
- Security fencing and cameras
- Stormwater facilities
- Lighting
- Relocated hiking trails
- Demolition of existing process and maintenance facilities

Phase 2 – Proposed Pretreatment Improvements at Walnut Creek WTP

- Two gravity thickeners
- Thickened solids pump station
- South pre-ozone injection pumps
- South intermediate ozone injection pumps
- South intermediate ozone contactor
- South ozone quenching and destruct facilities
- South ballasted flocculation basins
- Large diameter buried pipelines

Proposed Improvements at Lafayette WTP

The proposed Project would also require raising the height of the Lafayette WTP weirs to increase the water pressure in the Lafayette Aqueducts No. 1 and No. 2 to accommodate the new pretreatment processes at the

Walnut Creek WTP. The following Lafayette WTP improvements would take place at the same time as the Phase 1 Improvements at the Walnut Creek WTP.

- New Lafayette Weir No. 1
- Demolition of existing Lafayette Weir No. 1
- Modification of existing Lafayette Weir No. 2 to increase height by 10 feet
- New large diameter buried pipelines

POTENTIAL ENVIRONMENTAL EFFECTS: Based on the Initial Study completed for the Project, the following areas of potentially significant environmental impacts will be analyzed in the EIR: Aesthetics, Air Quality, Biological Resources, Cultural Resources and Tribal Cultural Resources, Energy Use, Geology and Soils, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Noise, Recreation, Transportation and Traffic, and Wildfire. Potential cumulative impacts and potential for growth inducement will be addressed; alternatives, including the No Project Alternative, will be evaluated.

PUBLIC REVIEW PERIOD: This Notice of Preparation (NOP) is available for public review and comment pursuant to the California Code of Regulations, Title 14, Section 15082(b) for 30 days. The comment period for the NOP begins February 28, 2022 and ends on March 30, 2022. Due to limits mandated by State Law, your response must be sent at the earliest possible date but not later than 30 days after receipt of this notice.

RESPONSES AND QUESTIONS: Responses to or questions regarding this NOP should be directed to:

Tom Boardman, Project Manager
East Bay Municipal Utility District
375 Eleventh Street, MS 701
Oakland, CA 94607-4240

Or by e-mail to: wcwtp.pretreatment@ebmud.com

CEQA PROCESS: The Draft EIR is planned for publication in fall 2023, with action by EBMUD's Board of Directors expected in spring 2024. Notice will be given of public meetings, including a meeting that will be held during the Draft EIR comment period. At the end of the review and comment process, EBMUD's Board of Directors will determine whether to certify the EIR and approve the Project. The NOP and all CEQA-related documents for this Project will be available for review on the EBMUD website at:

www.ebmud.com/wcwtppretreatment



Olujimi O. Yoloye
Director of Engineering and Construction
East Bay Municipal Utility District

2/28/22

Date

OOY:DJR:grd
sb22_005b Walnut Creek WTP Pretreatment_CEQA NOP

Attachments: Figure 1 Walnut Creek WTP Project Location
Figure 2 Lafayette WTP Project Location
Figure 3 Walnut Creek WTP Conceptual Site Plan
Figure 4 Lafayette WTP Conceptual Site Plan

Figure 1: Walnut Creek WTP Project Location

WALNUT CREEK WATER TREATMENT PLANT PRETREATMENT PROJECT WALNUT CREEK, CA

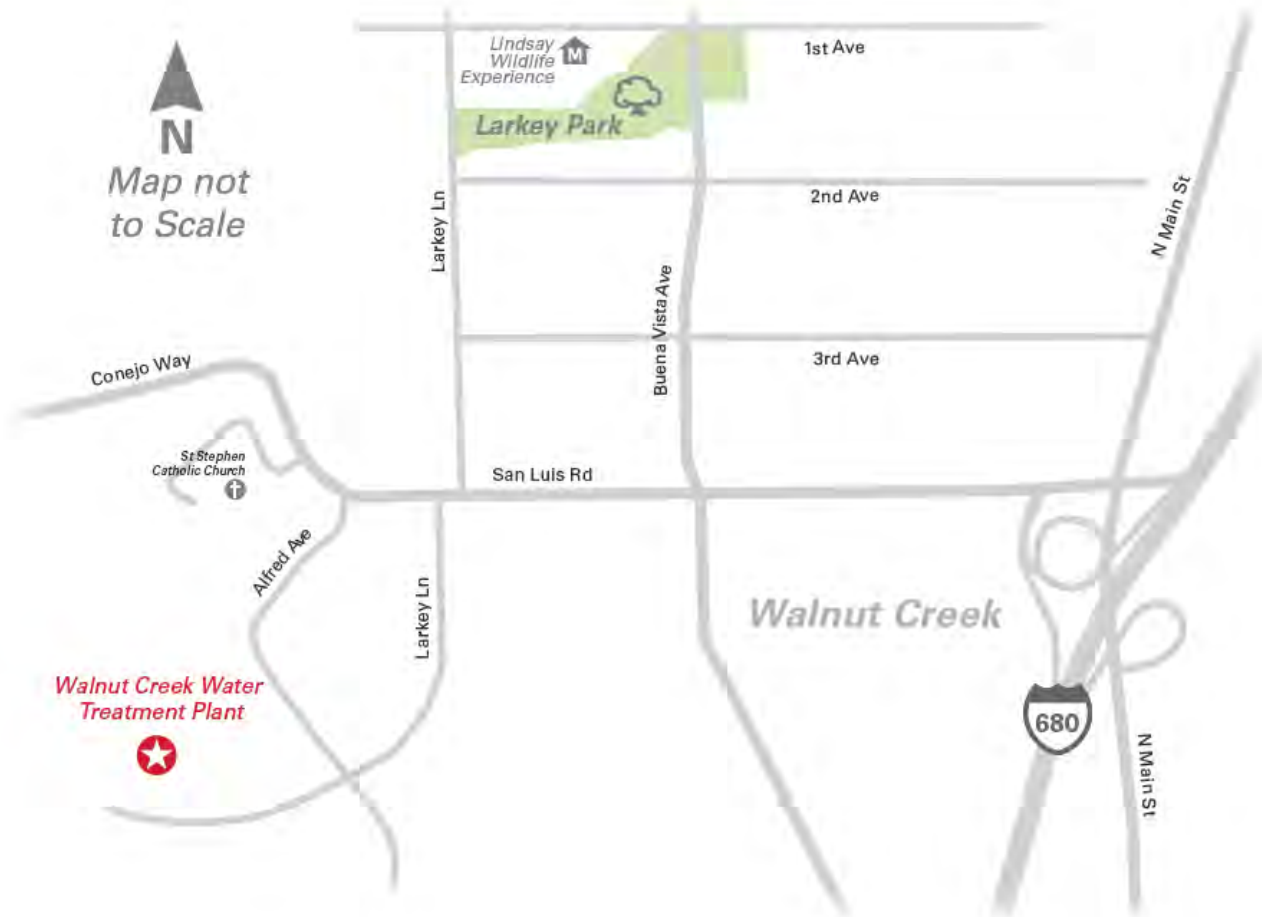


Figure 2: Lafayette WTP Project Location

WALNUT CREEK WATER TREATMENT PLANT (WTP) PRETREATMENT PROJECT: LAFAYETTE WTP MODIFICATIONS LAFAYETTE, CA



Figure 3: Walnut Creek WTP Conceptual Site Plan

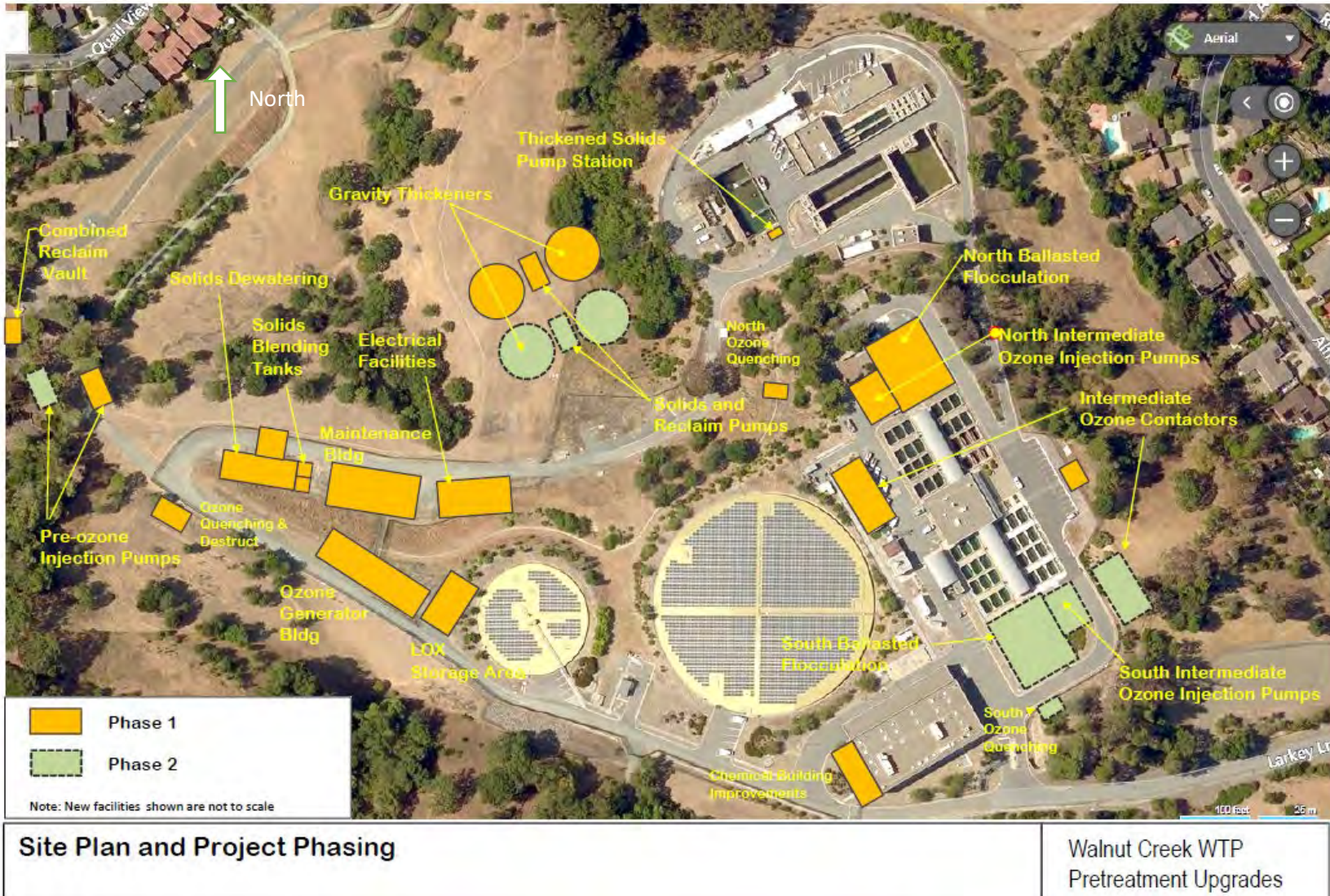




Figure 4: Lafayette WTP Conceptual Site Plan



**LAFAYETTE AQUEDUCTS No. 1 and 2 WEIR MODIFICATIONS
-APPROXIMATE EXTENTS OF CONSTRUCTION**

-  PROJECT WORK
-  APPROXIMATE LIMITS OF CONSTRUCTION

East Bay Municipal Utility District WALNUT CREEK WATER TREATMENT PLANT PRETREATMENT PROJECT CEQA Initial Study

February 2022

East Bay Municipal Utility District
Water Distribution Planning Division – MS 701
375 11th Street
Oakland, CA 94607

Prepared with Assistance from:



Woodard & Curran
3175 Mt. Diablo Boulevard, Suite 315
Walnut Creek, CA 94596

ENVIRONMENTAL CHECKLIST FORM

1. Project title: Walnut Creek Water Treatment Plant Pretreatment Project
2. Lead agency name and address: East Bay Municipal Utility District
Water Distribution Planning Division – MS 701
375 11th Street
Oakland, CA 94607
- Contact person and phone number: Tom Boardman, Project Manager
East Bay Municipal Utility District
Water Distribution Planning Division – MS 701
375 11th Street
Oakland, CA 94607
510-287-0332
wcwtp.pretreatment@ebmud.com
www.ebmud.com/wcwtppretreatment.com
4. Project locations: Walnut Creek Water Treatment Plant (Walnut Creek WTP) is located at 2201 Larkey Lane, Walnut Creek, CA, in Contra Costa County. The proposed Project site is bounded by Alfred Avenue to the east, the Briones to Mount Diablo Regional Trail to the north, and Acalanes Ridge Open Space to the south and west.
- Lafayette Water Treatment Plant (Lafayette WTP) is located at 3838 Mt. Diablo Boulevard, Lafayette, CA in Contra Costa County. The proposed Project site is bounded by Mt. Diablo Boulevard to the south and west, Temple Isaiah to the east, and State Route 24 to the north.
5. Project sponsor's name and address: East Bay Municipal Utility District (EBMUD)
Water Distribution Planning Division
375 11th Street, MS #701
Oakland, CA 94607
6. General plan designation: Walnut Creek WTP: Open Space - Recreation (OS/R)
Lafayette WTP: Public Utilities
7. Zoning: Walnut Creek WTP: Open Space Recreation District (OS-R)
Lafayette WTP: Single Family Residential District-20 (R-20)
8. Description of Project: The Walnut Creek WTP, originally constructed in 1967, is the primary water treatment plant serving approximately 500,000 customers in EBMUD's east-of-hills service area, which includes portions of Pleasant Hill, portions of Walnut Creek, Alamo, Lafayette, Danville, Blackhawk, and San Ramon Valley communities. The Walnut Creek WTP primarily treats Mokelumne River water stored in the Sierra foothills at Pardee Reservoir, but also treats untreated water stored locally in Briones Reservoir. The Walnut Creek WTP Pretreatment Project (proposed Project) would add pretreatment facilities to the Walnut Creek WTP that would allow EBMUD to more reliably treat lower quality untreated

water resulting from high rainfall runoff, wildfires, future droughts, algae blooms, climate change and emerging contaminants. The proposed Project would also improve treated water taste and odor, and eliminate treatment process limitations that prevent the Walnut Creek WTP from being able to sustain its planned capacity of 160 million gallons per day (MGD). **Figure 1** shows the proposed location and approximate footprint of the new pretreatment facilities and ancillary improvements required throughout the Walnut Creek WTP site. Hydraulic changes at the Walnut Creek WTP would require modification of weir structures at the Lafayette WTP, at the locations shown in **Figure 2**.

The proposed Project would be designed and constructed in two separate phases as detailed below. The Phase 1 pretreatment improvements would allow EBMUD to more reliably treat a broader range of untreated water quality up to a capacity of 125 MGD, while the Phase 2 pretreatment improvements would allow EBMUD to treat up to the planned capacity of 160 MGD. The construction timing of the Phase 2 improvements is not firmly established but would depend on untreated water quality conditions in the future and the timing of future demands.

Phase 1 Proposed Pretreatment Improvements at Walnut Creek WTP

- Two gravity thickeners
- Thickened solids pump station
- Solids blending tanks
- Solids dewatering building and truck loading facility
- Combined reclaim vault
- Electrical facilities, including unit substation, plant backup generator, and fuel storage.
- Liquid oxygen (LOX) storage area
- Ozone generation building
- North pre-ozone injection pumps
- North intermediate ozone injection pumps
- North intermediate ozone contactor
- North ozone quenching and destruct facilities
- North ballasted flocculation basins
- Chemical building improvements, including storage and feed systems
- Maintenance building
- Large diameter buried pipelines
- Paved roadways
- Paved parking
- Security fencing and cameras
- Stormwater facilities
- Lighting
- Relocated hiking trails
- Demolition of existing process and maintenance facilities

Figure 1: Walnut Creek Water Treatment Plant Pretreatment Improvements

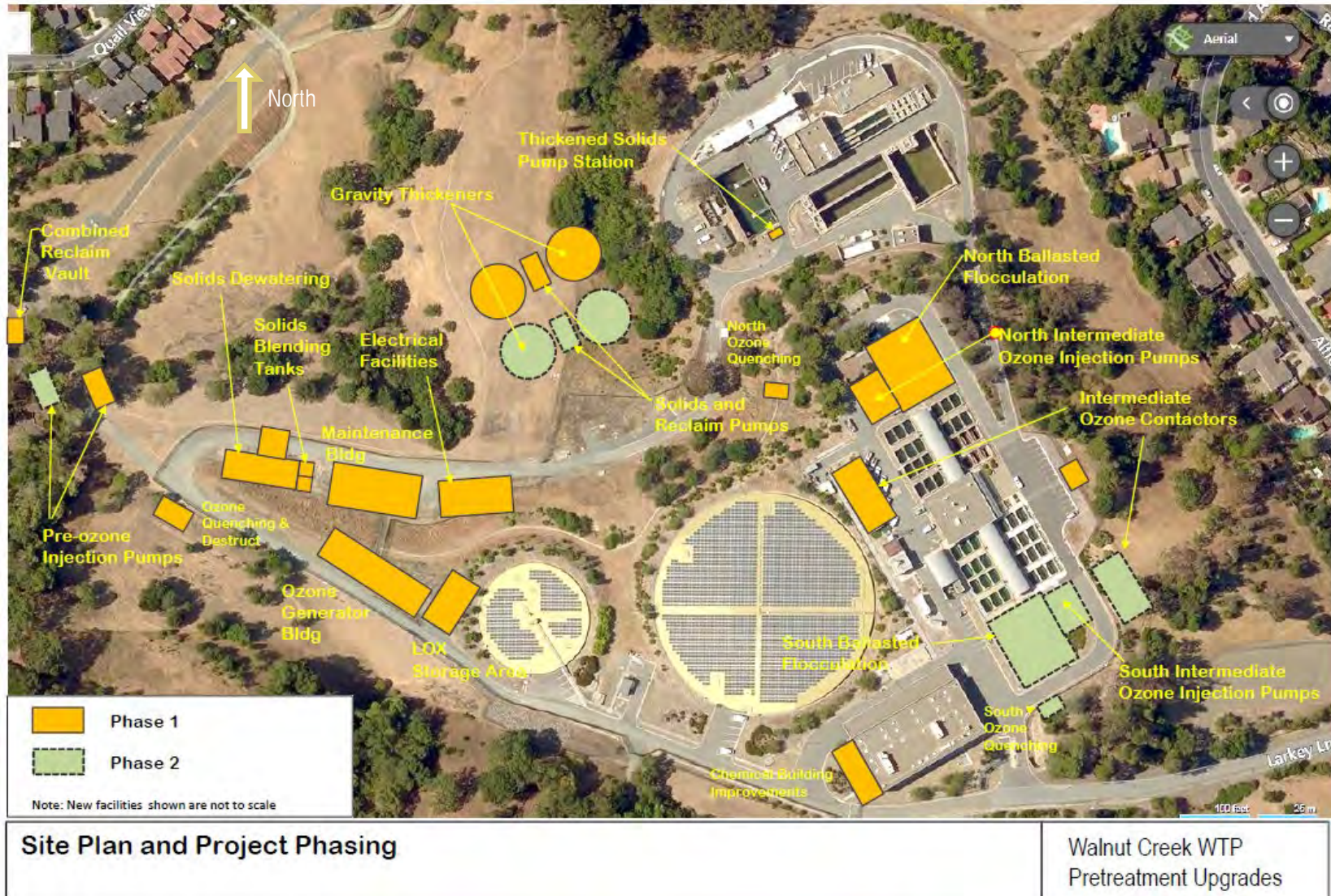
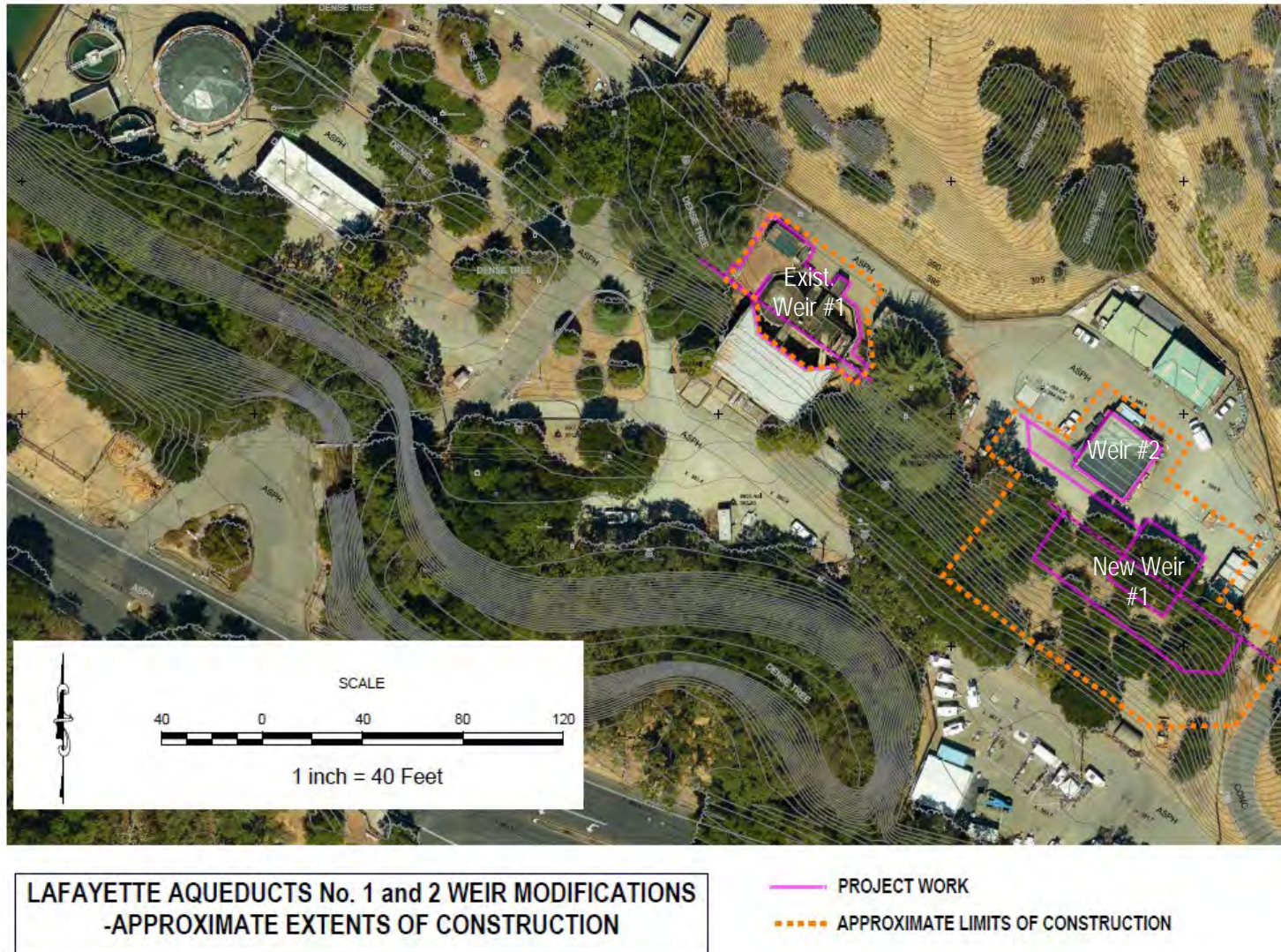


Figure 2: Lafayette Water Treatment Plant Modification of Weirs



Phase 2 Proposed Pretreatment Improvements at Walnut Creek WTP

- Two gravity thickeners
- Thickened solids pump station
- Large diameter buried pipelines
- South pre-ozone injection pumps
- South intermediate ozone injection pumps
- South intermediate ozone contactor
- South ozone quenching and destruct facilities
- South ballasted flocculation basins

Proposed Improvements at Lafayette WTP

The proposed Project would also require raising the height of the Lafayette WTP weirs to increase the water pressure in the Lafayette Aqueducts No. 1 and No. 2 to accommodate the new pretreatment processes at the Walnut Creek WTP. The following Lafayette WTP improvements would take place at the same time as the Phase 1 Improvements at the Walnut Creek WTP.

- New Lafayette Weir No. 1
- Demolition of existing Lafayette Weir No. 1
- Modification of existing Lafayette Weir No. 2 to increase height by 10 feet
- New large diameter buried pipelines

9. Surrounding land uses and setting: The Walnut Creek WTP is surrounded by open space, hiking trails, and residential areas to the north and east. St. Stephen Catholic Church is located north of the Walnut Creek WTP. The Lafayette WTP is bounded by two major roads, State Route 24, and Mt. Diablo Boulevard, with the Lafayette Reservoir and recreation area south of Mt. Diablo Boulevard and Temple Isaiah immediately east of the Lafayette WTP.

10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement.)

Potential permits and approvals include, but may not be limited to:

- Bay Area Air Quality Management District: Authority to Construct, Permit to Operate an ozone system
- Army Corps of Engineers: Clean Water Act Section 404 permit for any fill of wetlands
- Completion of federal consultation requirements including consultation with U.S. Fish and Wildlife Service, National Marine Fisheries Service and State Historic Preservation Office
- California Department of Fish and Wildlife: Streambed Alteration Agreement for earthfill near intermittent stream at Walnut Creek WTP; possibly Incidental Take Permit
- State Water Resources Control Board: Notice of Intent (NOI) for coverage under National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges associated with Construction and Land Disturbance Activities (Construction General Permit)
- Regional Water Quality Control Board: Clean Water Act Section 401 Water Quality Certification or Waiver, and possible coverage of dewatering discharges under General Low-Threat Discharge Permit

- Division of Drinking Water: Domestic Water Supply permit amendment for new treatment processes and increased capacity

11. Have California Native American tribes traditionally and culturally affiliated with the Project area requested consultation pursuant to Public Resources Code section 2180.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?

To date no Native American tribes have requested consultation with EBMUD.

Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by this Project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture/Forestry | <input checked="" type="checkbox"/> Air Quality |
| <input checked="" type="checkbox"/> Biological Resources | <input checked="" type="checkbox"/> Cultural Resources | <input checked="" type="checkbox"/> Energy |
| <input checked="" type="checkbox"/> Geology / Soils | <input checked="" type="checkbox"/> Greenhouse Gas Emissions | <input checked="" type="checkbox"/> Hazards & Hazardous Materials |
| <input checked="" type="checkbox"/> Hydrology / Water Quality | <input type="checkbox"/> Land Use / Planning | <input type="checkbox"/> Mineral Resources |
| <input checked="" type="checkbox"/> Noise | <input type="checkbox"/> Population / Housing | <input type="checkbox"/> Public Services |
| <input checked="" type="checkbox"/> Recreation | <input checked="" type="checkbox"/> Transportation | <input checked="" type="checkbox"/> Tribal Cultural Resources |
| <input type="checkbox"/> Utilities / Service Systems | <input checked="" type="checkbox"/> Wildfire | <input checked="" type="checkbox"/> Mandatory Findings of Significance |

DETERMINATION: (To be completed by Lead Agency)

On the basis of this initial evaluation:

- The proposed Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- 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.
- The proposed Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- 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.
- 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.

1.1 AESTHETICS

Except as provided in Public Resources Code Section 21099, would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Have a substantial adverse effect on a scenic vista?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the Project is in an urbanized area, would the Project conflict with applicable zoning and other regulations governing scenic quality?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

- a) **Potentially Significant Impact.** The Walnut Creek WTP is located adjacent to Acalanes Ridge Open Space and is visible from a number of trails that traverse the open space area including the Briones-Mt. Diablo Trail, Sousa Trail, Ridgetop Trail and Camino Verde Trail. Scenic vistas of rolling hills with Mt. Diablo in the background are available from a number of locations within the Acalanes Ridge Open Space Area. The Lafayette WTP is located between two major roads, State Route 24 and Mt. Diablo Boulevard, and is screened from view by topography and vegetation. Limited views into the Lafayette WTP are available from Mt. Diablo Boulevard, and the Lafayette WTP is not within the viewshed of any scenic vistas. This impact is considered to be potentially significant and will be described further in the EIR.
- b) **No Impact.** State Route 24 from the Caldecott Tunnel to Interstate 680 in Walnut Creek is an officially designated state scenic highway (Caltrans, 2019). The Walnut Creek WTP is about 1 mile north of State Route 24 and is not visible from the highway. Work at the Lafayette WTP would occur about 600 feet south of State Route 24 but would not be visible from the highway because the location of construction is screened by the berm on the south side of the highway, which is about 10 feet taller than the roadway, and by buildings at the Lafayette WTP.

Interstate 680 in Contra Costa County is also an officially designated state scenic highway but is only designated as scenic from the intersection with State Route 24 south to the Alameda County line (Caltrans, 2019). The portion of Interstate 680 that is closest to the Walnut Creek WTP is north of the State Route 24 intersection and is not a designated scenic highway. The Walnut Creek WTP is more than a mile from the portion of Interstate 680 that is designated as scenic and is not visible from the freeway. Therefore, there would be no impact associated with damaging scenic resources within a state scenic highway.

- c) **Potentially Significant Impact.** The proposed Project would involve tree removal, grading and construction of retaining walls and structures that would change the character of views from adjacent public viewpoints. Although the Walnut Creek WTP is adjacent to residential areas, the proposed Project would primarily be visible from the Acalanes Ridge Open Space and Briones to Mt. Diablo Regional Trail, which crosses the open space area. New structures that are proposed to be constructed would be integrated into the existing Walnut Creek WTP, which is already a visual element of views, so the new facilities would not be inconsistent with the existing visual character of the Walnut Creek WTP. However, the nature and scale of the changes could be extensive enough to noticeably alter the character of the site from the existing conditions. The proposed work at the Lafayette WTP would require removal of some trees that would be visible from Mt. Diablo Boulevard. Changes in the existing visual character or quality of the public views of the Walnut Creek WTP and Lafayette WTP are considered to be potentially significant and will be described further in the EIR.
- d) **Potentially Significant Impact.** Construction at both sites could require nighttime construction work for large concrete pours and for shutdowns/outages, which would require nighttime lighting. Lighting may also be necessary for construction during some portion of the day during winter months, when construction could start before sunrise or extend after sunset. Additionally, at the Walnut Creek WTP new external lighting would be required for the proposed facilities to allow safe site access and provide secure viewing of the work areas at all times. The new lighting would be focused downward to minimize light spillage to the surrounding neighborhood while still providing sufficient light for operations staff. Exterior lighting would be provided adjacent to the gravity thickeners, maintenance building, solids dewatering facility, and electrical building, pre-ozone injection pumps, ozone generator building and LOX storage area. There would be new lighting at the Lafayette WTP adjacent to Weir No. 1 and No. 2. The creation of new lighting at the Walnut Creek WTP and Lafayette WTP, and the potential for construction activities to occur during nighttime hours at the Walnut Creek WTP and Lafayette WTP, is considered to be potentially significant and will be described further in the EIR.

1.2 AGRICULTURE AND FORESTRY RESOURCES

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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 or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a-b) **No Impact.** The Walnut Creek WTP is designated as open space (City of Walnut Creek, 2021) and the Lafayette WTP is designated for public facilities use with residential zoning (City of Lafayette, 2013). Neither site contains Prime Farmland, Unique Farmland or Farmland of Statewide Importance (Farmland). The proposed Project would not convert Farmland, would not conflict with existing zoning for agricultural use, and would not affect any lands under Williamson Act contract. There would be no impact associated with converting farmland to non-agricultural use or conflicting with existing zoning for agricultural use or a Williamson Act contract.
- c-d) **No Impact.** The proposed Project area for both the Walnut Creek WTP and Lafayette WTP contains no forest land. Therefore, there would be no impact resulting in loss of forest land or conflicts with zoning of forest land.
- e) **No Impact.** There are no agricultural or forest lands in the vicinity of the Walnut Creek WTP and Lafayette WTP proposed Project area. The Walnut Creek WTP and Lafayette

WTP provide potable water to existing urban areas. Therefore, there would be no impact resulting in conversion of Farmland or forest land to other uses.

1.3 AIR QUALITY

	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
Would the Project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) 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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Expose sensitive receptors to substantial pollutant concentrations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Result in other emissions (such as those leading to odors or adversely affecting a substantial number of people?)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

- a-c) **Potentially Significant Impact.** The proposed Project would result in emissions of criteria pollutants during construction of facilities at the Walnut Creek WTP and Lafayette WTP. Addition of new ozone treatment processes at the Walnut Creek WTP has the potential to result in operational emissions. Construction and operational emissions generated by the proposed Project are considered to be potentially significant and will be described further in the EIR.
- d) **Potentially Significant Impact.** Construction would require use of diesel equipment that generates odors from diesel exhaust emissions. This impact is considered to be potentially significant and will be described further in the EIR. The proposed Project involves adding pretreatment facilities to the Walnut Creek WTP and work at the Lafayette WTP, neither of which is typically a source of offensive odors, thus operation of the proposed Project would have no significant odor impacts.

1.4 BIOLOGICAL RESOURCES

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community 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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a-e) **Potentially Significant Impact.** The Walnut Creek WTP site contains mixed riparian woodland, non-native grassland and developed areas with ornamental landscaping. A seasonal tributary of Grayson Creek flows along the northwestern end of the Walnut Creek WTP and potentially contains jurisdictional wetlands and may act as a wildlife corridor. The Lafayette WTP includes mixed riparian woodland, eucalyptus woodland, coyote bush scrub, non-native grassland, and developed areas with ornamental landscaping. The Lafayette WTP site is crossed by Lafayette Creek, which is a perennial stream, and by an

intermittent stream that crosses Mt. Diablo Boulevard before draining into Lafayette Creek. This riparian corridor may contain wetlands and may serve as a wildlife corridor. Previous surveys for California red-legged frog and western pond turtle found that neither species occurred in Lafayette Creek between Bentley School and the Lafayette WTP. Western pond turtle is known to occur at the Lafayette Reservoir. Previous surveys for Alameda whipsnake at Lafayette Reservoir found that the species was not present. Alameda whipsnake is considered unlikely to occur within the Lafayette Reservoir watershed. Coopers hawk, sharp-shinned hawk, Pacific-slope flycatcher, rufous hummingbird, Allen's hummingbird, and oak titmouse can occur in riparian habitat at both the Walnut Creek WTP and Lafayette WTP. Loggerhead shrike is known to occur at the Walnut Creek WTP. Pallid bat and Pacific western big-eared bat, small footed myotis bat, long-eared myotis bat, long-legged myotis bat, fringed myotis bat may occur near the Walnut Creek WTP. Fringed myotis bat may also occur at the Lafayette WTP. San Francisco dusky-footed woodrat may occur at the Lafayette WTP. Western leatherwood and Northern California black walnut may occur in riparian corridors within the Lafayette WTP (EBMUD, 2006). The proposed Project would require removal of trees that are considered protected under the City of Walnut Creek and City of Lafayette tree ordinances.

The proposed Project could thus have potentially significant impacts on sensitive species; impacts on riparian habitat and other natural communities, including state and federally protected wetlands; impacts on movement of native wildlife and effects on nursery sites; and potential conflicts with local policies and ordinances protecting biological resources. These impacts are considered to be potentially significant and will be described further in the EIR.

- f) **No Impact.** The proposed Project areas for the Walnut Creek WTP and Lafayette WTP are not located within the boundaries of any Habitat Conservation Plan or Natural Community Conservation Plan or other approved conservation agreement within the County. Therefore, there would be no impact because there would be no conflicts with an adopted plan.

1.5 CULTURAL RESOURCES

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Cause a substantial adverse change in the significance of a unique archaeological resource pursuant to §15064.5?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

- a-c) **Potentially Significant Impact.** No cultural resources have been recorded at the Walnut Creek WTP site or in the vicinity (EBMUD, 2006). The Lafayette WTP as a whole is not likely considered a historical resource under CEQA, because the Lafayette WTP has experienced recent alterations, but the Bryant #2 Pumping Plant located at the Lafayette WTP, which was constructed in 1927, may be eligible for listing in the California Register of Historical Resources due to its age, its associations with the initial development of EBMUD's Mokelumne River/Aqueduct, and as an example of the Art Deco style of architecture as applied to an industrial building (EBMUD, 2006). The demolition of the Weir No. 1 structure at the Lafayette WTP would not alter the Bryant No. 2 Pumping Plant. Both the Lafayette WTP and Walnut Creek WTP are highly disturbed sites that have been disturbed by previous construction activities, but both could contain previously undiscovered buried cultural resources, including human remains, which could be uncovered by construction activities. The proposed Project thus has the potential to cause a substantial adverse change to historical and archaeological resources or to disturb human remains. The impacts to cultural resources would be potentially significant and will be described further in the EIR.

1.6 ENERGY

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

a-b) **Potentially Significant Impact.** The proposed Project would require energy for construction and for operation of the new facilities. Energy impacts are considered to be potentially significant and will be described further in the EIR.

1.7 GEOLOGY AND SOILS

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Directly or indirectly cause 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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii) Strong seismic ground shaking?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii) Seismic-related ground failure, including? liquefaction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iv) Landslides?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

- a) i) **Potentially Significant Impact.** The Walnut Creek WTP and Lafayette WTP are not located within an Alquist-Priolo Earthquake Fault Zone. However, secondary traces of the

Franklin fault are known to pass through the Walnut Creek WTP site. This impact is considered to be potentially significant and will be described further in the EIR.

- a) ii-d) **Potentially Significant Impact.** There are other geotechnical risks factors in the proposed Project area, including four landslides within the Walnut Creek WTP site and the presence of fault traces associated with the Franklin fault. Steep slopes within the site are potentially subject to erosion and loss of topsoil. There is a large, active landslide beneath the entire proposed Project site at the Lafayette WTP (Lettis Consultants International, 2021). Impacts associated with geotechnical hazards are thus potentially significant and will be described further in the EIR.
- e) **No Impact.** The proposed Project would not generate wastewater and would not require the installation of septic tanks or alternative wastewater disposal systems. Therefore, there would be no impacts related to use of septic tanks or alternative wastewater disposal systems.
- f) **Potentially Significant Impact.** Significant paleontological resources can be found anywhere within the geographic extent of sedimentary rocks formations at the Walnut Creek WTP and Lafayette WTP (EBMUD, 2006), and impacts to paleontological resources are thus considered to be potentially significant and will be described further in the EIR.

1.8 GREENHOUSE GAS EMISSIONS

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

- a-b) **Potentially Significant Impact.** The proposed Project would generate greenhouse gas (GHG) emissions associated with construction energy use and with increases in operational energy use associated with the additional treatment processes. The increase in GHG emissions is considered to be potentially significant and will be described further in the EIR.

1.9 HAZARDS AND HAZARDOUS MATERIALS

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a Project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project result in a safety hazard or excessive noise for people residing or working in the Project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

- a) **Potentially Significant Impact.** The improvements at the Walnut Creek WTP would involve new treatment processes that would require the routine transport, use and off-site disposal of additional chemicals, including alum, anionic polymer, hydrogen peroxide and liquid oxygen, which would be used to generate ozone. A Phase I preliminary environmental site assessment was performed by Harza Engineering Company in 2000,

which discovered friable and non-friable asbestos containing materials, and lead based paints at the Walnut Creek WTP. The EIR will include information from the completion of an updated Phase I environmental site assessment for the buildings and other structures that would be demolished at the Walnut Creek WTP. At the Lafayette WTP, there would be no change in operational chemical use. Demolition of facilities at the Lafayette WTP would entail the demolition and removal of the Lafayette Weir No. 1 structure, which has been found to contain lead-based paint. The transport, use and disposal of hazardous materials and wastes is considered to have the potential to result in significant impacts and will be described further in the EIR.

- b) **Potentially Significant Impact.** Construction would require the use of diesel fuel and minor amounts of lubricants, paints, solvents, and glues. The risk associated with release of hazardous materials to the environment is considered potentially significant and will be described further in the EIR.
- c) **No Impact.** Neither the Walnut Creek WTP nor the Lafayette WTP is located within one-quarter mile of an existing or proposed school. The closest school to the Walnut Creek WTP is Larkey School in Walnut Creek, which is located about 0.4 miles from the site. The Lafayette WTP is almost a mile from Happy Valley School and about a mile from Lafayette Elementary School, which are the closest schools to the Lafayette WTP site. There would be no impact.
- d) **No Impact.** The proposed Project is not located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. Neither the State Water Resources Control Board Geotracker website (SWRCB, 2021) nor the Department of Toxic Substances Control Envirostor website (DTSC, 2021) identify any hazardous waste clean-up sites or underground storage tanks at either the Walnut Creek WTP or Lafayette WTP. There would be no impact.
- e) **No Impact.** Neither the Walnut Creek WTP nor the Lafayette WTP is within two miles of a public airport, and both are not within the airport influence area of Buchanan Field, which is the only airport in Contra Costa County. Buchanan Field is about 4.5 miles from the Walnut Creek WTP and about 7.5 miles from the Lafayette WTP. There would be no impact.
- f) **No Impact.** Implementation of the proposed Project would not affect any emergency response or evacuation plans. Construction activities would be confined to the Walnut Creek WTP and Lafayette WTP sites and would not require lane or road closures. There would be no impact.
- g) **Potentially Significant Impact.** The Walnut Creek WTP and Lafayette WTP are both in a “local responsibility area” where local jurisdictions are responsible for fire protection. Neither is in a very high fire hazard severity zone as mapped by CalFire (2009). However, the City of Walnut Creek General Plan identifies the “threat to people from wildland fire” at the Walnut Creek WTP site as “Very High” (Walnut Creek General Plan, 2006 - Figure 7 Wildland-Urban Interface Fire Threat), because of the proximity to wildland areas in the Acalanes Ridge Open Space. The City of Lafayette General Plan does not include a map of areas subject to high threat of fire. Operation of water treatment facilities does not entail

high fire risk, but construction activities can exacerbate the risk of wildfire because construction equipment can generate fires from hot exhaust gases or from contact with the hot surfaces of the exhaust system. The risk to people or structures from a wildfire fire is considered to be potentially significant and will be described further in the EIR.

1.10 HYDROLOGY AND WATER QUALITY

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the Project may impede sustainable groundwater management of the basin?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i) result in substantial erosion or siltation on- or off-site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii) 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; or	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iv) impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to Project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

- a), e) **Potentially Significant Impact.** Construction activities at both sites have the potential to increase erosion and sedimentation, and spills of fuels or lubricants during construction could degrade water quality of surface waters from storm water discharges. New facilities at the Walnut Creek WTP would increase impervious surface area, which has the potential to result in additional discharge of stormwater to surface waters. Improvements at the Walnut Creek WTP would include installation of bioretention basins to capture and treat

stormwater in accordance with applicable local and state water quality control plans and regulations. The proposed work at the Lafayette WTP could increase impervious surface area because a replacement weir would be constructed in a currently undeveloped area, so additional runoff could be produced. Stormwater runoff from the proposed Project construction activities has the potential to degrade surface water quality. This impact is considered to be potentially significant and will be described further in the EIR.

- b), e) **Potentially Significant Impact.** Construction of the improvements at the Walnut Creek WTP and Lafayette WTP sites would not require groundwater supplies. New facilities at the Walnut Creek WTP would increase impervious surface area by approximately 5.5 acres and the proposed work at the Lafayette WTP may create additional impervious surface area. Improvements at the Walnut Creek WTP site would include bioretention basins that would treat and control stormwater runoff and encourage recharge of groundwater. However, the increase in impervious surface area and resulting impact on groundwater recharge is considered to be potentially significant and will be described further in the EIR.
- c) i) **Potentially Significant Impact.** Because construction would require substantial earth moving, erosion and siltation could occur at both the Walnut Creek WTP and Lafayette WTP sites. Impacts are considered potentially significant and will be described further in the EIR.
- c) ii) **Potentially Significant Impact.** Improvements at the Walnut Creek WTP would create approximately 5.5 acres of additional impervious surface and impervious surface may be increased at the Lafayette WTP. The proposed Project would include construction of bioretention basis at the Walnut Creek WTP to capture runoff, but on-site or off-site flooding could occur if stormwater improvements are inadequate. Increases in runoff and associated impacts are considered potentially significant and will be described further in the EIR.
- c) iii) **Potentially Significant Impact.** Construction and operation at both sites have the potential to generate runoff that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. Because impervious surface would be increased at both sites, there is a potential for an increase in runoff into the stormwater drainage system, which could exceed the capacity of the system. Construction at both sites would require excavation and earthmoving activities. Removal of vegetation in excavation areas would expose bare soil that could be eroded during rainfall events, and when runoff from rainfall flows over construction sites it can transport sediment and other pollutants such as building materials, concrete washout, paint, fuel, oil and solvents into the stormwater system. Runoff impacts are considered potentially significant and will be described further in the EIR.
- c) iv) **No Impact.** The seasonal tributary of Grayson Creek that flows along the northwestern end of the Walnut Creek WTP does not have a defined 100-year flood zone, and improvements at the Walnut Creek WTP would not impede or cause flows to be redirected. Although Lafayette Creek crosses the southern portion of the Lafayette WTP site, the flood plain at this location is contained within the stream channel (City of Lafayette General Plan Maps, 2002) and the proposed work at the Lafayette WTP would not impede or redirect

flood flows. The proposed Project thus would not impede or redirect flood flows and would have no impact on areas that are currently subject to flood risk.

- d) **No Impact.** The Walnut Creek WTP is not in an area subject to flood hazard, tsunami, or seiche. The Lafayette WTP is located adjacent to the zone of possible inundation due to dam failure at the Lafayette Reservoir. However, the proposed work at the Lafayette WTP would not increase the risk of pollutant release due to inundation from Lafayette Reservoir. The proposed Project thus would have no impact and would not result in an increase in the risk release of pollutants due to inundation.

1.11 LAND USE AND PLANNING

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **No Impact.** The Walnut Creek WTP and Lafayette WTP are both existing facilities and the proposed Project would be constructed and operated within the existing footprint of both water treatment plants. The proposed Project would not physically divide either the City of Walnut Creek or the City of Lafayette. There would be no impact.
- b) **No Impact.** The proposed Project would be constructed entirely within the Walnut Creek WTP and Lafayette WTP and would be consistent with existing uses at both sites. The proposed Project would thus not conflict with any land use plan, policy, or regulation and there would be no impact.

1.12 MINERAL RESOURCES

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a, b) **No Impact.** Neither the Walnut Creek General Plan nor the Lafayette General Plan identify mineral resources or aggregate areas in the proposed Project area. There would be no impact.

1.13 NOISE

	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
Would the Project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Generation of excessive groundborne vibration or groundborne noise levels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) For a Project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **Potentially Significant Impact.** The proposed Project would be constructed and operated within the existing Walnut Creek WTP and Lafayette WTP. Operational noise at the Lafayette WTP is not expected to change as a result of the proposed work at the Lafayette WTP. At the Walnut Creek WTP, as the proposed Phase 1 and 2 improvements would add new operational facilities, the EIR will evaluate operational noise. Construction at both sites would require the use of construction equipment that would generate short-term noise impacts that could affect sensitive receptors in the vicinity of both facilities. Limited nighttime construction work would be required for large concrete pours and for shutdowns/outages, which could affect nearby residences. Operational and construction noise impacts are considered potentially significant and will be further described in the EIR.
- b) **Potentially Significant Impact.** Construction activities would generate groundborne vibration which could result in damage to nearby structures or result in substantial human annoyance. These vibration impacts are considered potentially significant and will be further described in the EIR.
- c) **No Impact.** Neither Walnut Creek WTP or Lafayette WTP are within two miles of a private or public airport and are not within the airport influence area of Buchanan Field, which is the only public airport in Contra Costa County. There would be no impact.

1.14 POPULATION AND HOUSING

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Induce substantial unplanned 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)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **No Impact.** The proposed Project involves improvements at two EBMUD water treatment plants and does not include new homes or businesses in the proposed Project area. Therefore, the proposed Project would not directly induce growth. EBMUD plans to add pretreatment improvements in two separate phases that would allow EBMUD to more reliably treat a broader range of untreated water quality up to the Walnut Creek WTP's planned capacity of 160 MGD. Land use agencies in the EBMUD service area, including the cities and counties, develop and adopt long-term planning documents such as general plans for the physical development within their jurisdiction. These planning documents determine the nature and intensity of land uses to be served by EBMUD. Demand associated with land use agency planned growth, as set forth in those approved planning documents, was accounted for in EBMUD's 2050 Demand Study (EBMUD, 2020), which was used to determine proposed Project sizing and design. Because the proposed Project would serve planned land use changes and redevelopment projects disclosed and incorporated into the land use agency general plans and subsequent amendments thereto, implementation of the proposed Project would not support growth beyond planned levels or in areas not planned for development by the land use agencies. There would, therefore, be no impacts to population and housing associated with inducing population growth from operation of the proposed Project.
- b) **No Impact.** There are no people or homes within the areas where proposed Project facilities would be constructed, and therefore the proposed Project would not necessitate construction of replacement housing. There would be no impact.

1.15 PUBLIC SERVICES

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) 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:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

a) **No Impact.** The proposed Project includes water treatment facility improvements and does not include residential or commercial development that would directly induce population growth and require new or expanded fire and police protection, schools, parks, or other facilities. In addition, the proposed Project would not indirectly induce unplanned population growth that would place new demands on public service providers because the proposed Project would serve existing water system customers. Thus, the proposed Project would not require new or expanded governmental facilities. The proposed Project would not affect the ability of local providers to maintain acceptable service ratios, response times or other performance objectives for services. There would be no impact.

1.16 RECREATION

	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
Would the Project:				
a) 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

- a) **No Impact.** Because the proposed Project would not increase population in the proposed Project area (see item 3.14a under Population and Housing), the proposed Project would not increase use of existing neighborhood or regional parks or recreational facilities.

The closest recreational area to the Walnut Creek WTP is the Acalanes Ridge Open Space, which provides hiking and biking trails. The Briones to Mt. Diablo Trail is directly adjacent to the northern and western boundaries of the Walnut Creek WTP and the Sousa Trail has views into the Walnut Creek WTP from the south. The Yarrow Trail and Ridge Top Trail provide more distant views into the Walnut Creek WTP from within the Acalanes Ridge Open Space Area to the west. There are also informal trails both adjacent to and crossing the Walnut Creek WTP site, which would be temporarily closed during construction, potentially leading to temporary increases in use of other formal trails in the vicinity, such as the Sousa Trail and Briones to Mt. Diablo Trail. This potential short-term adjustment in usage patterns would not be expected to lead to a substantial physical deterioration of the formal trails. The long-term use of the surrounding open space and local trails would not be expected to increase as a result of the proposed Project. The Lafayette Reservoir recreational area is on the opposite side of Mt. Diablo Boulevard from the Lafayette WTP and construction at the Lafayette WTP would not be expected to affect the Lafayette Reservoir area or increase use of the recreation area. There would be no impact, but this will be described further in the EIR.

- b) **Potentially Significant Impact.** The proposed Project includes the permanent relocation of an informal trail that currently crosses the northwestern portion of the Walnut Creek WTP in the location for the proposed gravity thickeners. The informal trail would be closed during construction. After construction the informal trail would be rerouted to avoid the proposed Project footprint. Potential impacts on recreational trails are considered to be potentially significant and will be described further in the EIR.

1.17 TRANSPORTATION

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **Potentially Significant Impact.** Construction would generate temporary increases in traffic at both the Walnut Creek WTP and Lafayette WTP. Most construction traffic would be during daytime construction hours, but there may be some nighttime construction deliveries for large concrete pours and for pipeline shutdowns/outages. Truck traffic accessing the Walnut Creek WTP during construction would access the site via San Luis Road, which is designated by the City of Walnut Creek as a truck route for trucks less than 3 tons. Haul trucks needed for construction of the proposed improvements at the Walnut Creek WTP and Lafayette WTP would be 10-wheel dump trucks with a capacity of 12 to 16 cubic yards and an estimated gross vehicle weight of about 24,000 pounds (12 tons). Haul trucks would thus be larger than 3 tons. The Lafayette WTP would be accessed via Mt. Diablo Boulevard, which is a designated truck route for trucks with gross vehicle weight rating of 10,000 pounds or more; haul trucks accessing the Lafayette WTP would also exceed the vehicle weight rating for local roads. Haul traffic from construction at both the Walnut Creek WTP and Lafayette WTP is thus considered to result in potentially significant impacts associated with conflicts with policies of the City of Walnut Creek and City of Lafayette because trucks over the weight ratings would need to travel on local roads. Impacts will be described further in the EIR.
- b) **Potentially Significant Impact.** Operation of the new facilities would generate an increase in vehicle miles travelled (VMT) because there would be additional deliveries of chemicals to the Walnut Creek WTP. The pretreatment process at the Walnut Creek WTP would result in dewatered, thickened solids that would be trucked to a local landfill. Potential impacts will be evaluated in the EIR. Operations at the Lafayette WTP would be unchanged and thus VMT to the Lafayette site would not be expected to increase. The increase at the

Walnut Creek WTP is considered to be potentially significant and will be described further in the EIR.

- c) **Potentially Significant Impact.** The proposed Project would not entail changes in any roadway design features. However, the proposed Project would temporarily add construction truck traffic onto local roads, which could be a safety hazard. This impact is considered to be potentially significant and will be described further in the EIR.
- d) **No Impact.** Construction activities would be confined to the Walnut Creek WTP and Lafayette WTP sites and would not require lane or road closures. There would be no impact on emergency access.

1.18 TRIBAL CULTURAL RESOURCES

	<i>Less Than Significant</i>			
	<i>Potentially Significant</i>	<i>With Mitigation</i>	<i>Less Than Significant</i>	<i>No Impact</i>
	<u>Impact</u>	<u>Incorporation</u>	<u>Impact</u>	<u>Impact</u>

Would the Project:

a) Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

- | | | | | |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|
| i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Discussion

a) **Potentially Significant Impact.** The proposed Project includes ground disturbance that could impact an unknown tribal cultural resource. Impacts to tribal cultural resources are considered to be potentially significant and will be described further in the EIR.

1.19 UTILITIES AND SERVICE SYSTEMS

Would the Project:	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **No Impact.** The proposed Project itself entails improvements of the water treatment processes at the Walnut Creek WTP and associated improvements at the Lafayette WTP and the entire EIR will be focused on evaluating the impacts of those improvements. The proposed Project would not require or result in relocation or construction of any other utilities, including new or expanded water, wastewater treatment, storm water drainage, electric power, natural gas, or telecommunication facilities, other than those water treatment facilities that are the subject of this environmental review. There would be no additional impacts to public services other than those impacts of the proposed Project that will be the subject of the EIR.
- b) **No Impact.** The proposed Project would improve treatment of existing available water supplies and would not have any adverse impacts associated with availability of supplies. There would be no impact.

- c) **No Impact.** The proposed Project would not generate any wastewater and would not affect local wastewater treatment providers. There would be no impact.
- d) **Less-than-Significant Impact.** The pretreatment process at the Walnut Creek WTP would result in dewatered, thickened solids that would be trucked to a local landfill. Potential impacts will be further described in the EIR. Proposed Project construction would generate a small amount of solid waste that would require disposal at a landfill, primarily from demolition of structures and potentially from off-haul of soil. The Keller Canyon Landfill, which is the closest available solid waste facility to the proposed Project site, has a permitted capacity of approximately 3,500 tons of solid waste per day and, as of November 2004 (the most recent assessment date), a remaining permitted capacity of 63 million cubic yards (CalRecycle, 2019). Adequate landfill capacity thus exists in the proposed Project area to accommodate the construction debris that would be generated. Therefore, the proposed Project would not impair attainment of solid waste reduction goals. Solid waste impacts would be less than significant.
- e) **No Impact.** The proposed Project would comply with all applicable regulations regarding solid waste. There would be no impact.

1.20 WILDFIRE

	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the Project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Expose people or structures to significant risks, including downslopes or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

- a) **No Impact.** The proposed Project is within a local responsibility area, and although CalFire does not identify either the Walnut Creek WTP or Lafayette WTP sites as a very high fire hazard severity zone (CalFire, 2009), the City of Walnut Creek General Plan identifies the “threat to people from wildland fire” at the Walnut Creek WTP site as “Very High”. Construction of both facilities would take place entirely within the Walnut Creek WTP and Lafayette WTP sites and would not interfere with emergency response or emergency evaluation plans. There would be no impact.
- b) **Potentially Significant Impact.** Conditions at the proposed Project sites could be affected by slope, prevailing winds and other factors that could increase wildfire risk to workers at the Walnut Creek WTP and Lafayette WTP and to nearby residents during construction. Construction equipment can generate fires from hot exhaust gases or from contact with the hot surfaces of the exhaust system. The Walnut Creek WTP has particularly hilly topography with steep slopes, and steep slopes increase the rate at which fires can spread. Operation of proposed improvements would be similar to existing operations and would not be expected to exacerbate wildfire risk. Increased risk of wildfire during construction is considered to be potentially significant and will be described further in the EIR.

- c) **No Impact.** The proposed Project would not require the installation of infrastructure that would exacerbate wildfire risks such as roads, firebreaks, power lines or other utilities. There would be no impact.
- d) **Potentially Significant Impact.** Although operation of the proposed Project would not increase wildfire risk, construction activities can increase the risk of wildfire. Risk from downstream flooding or landslides related to post-fire instability or drainage changes is considered potentially significant and will be described further in the EIR.

1.21 MANDATORY FINDINGS OF SIGNIFICANCE

	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Does the Project have the potential to substantially 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, substantially 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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Does the Project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

- a) **Potentially Significant Impact.** The proposed Project would have potentially significant impacts on sensitive species; impacts on riparian habitat and other natural communities, including state and federally protected wetlands; impacts on movement of native wildlife and effects on nursery sites; and potential conflicts with local policies and ordinances protecting biological resources. The proposed Project also has the potential to cause a substantial adverse change to historical and archaeological resources or to disturb human remains. The proposed Project thus has the potential to result in significant impacts to biological and cultural resources. Impacts will be addressed in detail in the EIR to protect sensitive species and historical resources.
- b) **Potentially Significant Impact.** Information will be obtained from the websites of the cities of Walnut Creek and Lafayette, and other relevant agencies such as BART, during preparation of the EIR to identify other planned projects in the vicinity of the proposed Project sites. Other EBMUD projects in the vicinity will also be considered. If any projects are identified, the potential for cumulative impacts could be significant. The EIR will describe any projects in the vicinity that could combine with the proposed Project to result in cumulative effects. Cumulative impacts will be evaluated in the EIR.

- c) **Potentially Significant Impact.** The proposed Project has the potential to adversely affect human beings directly and/or indirectly. These adverse effects could include changes in views; air quality impacts; hazardous material use; noise generation; traffic, transportation and emergency access impacts; and wildfire impacts. These potential adverse effects will be addressed in the EIR.

REFERENCES

CalFire. 2009. *Fire and Resource Assessment Program, Contra County Fire Hazard Severity Zones*. Available at: https://osfm.fire.ca.gov/media/6660/fhszl_map7.pdf, Accessed September 9, 2021

California Department of Transportation (Caltrans). 2019. Designated and Eligible Scenic Highways.

CalRecycle. 2019. Solid Waste Information System Facility Detail for Keller Canyon Landfill. Available at: <https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/4407?siteID=228>. Accessed October 8, 2021.

City of Lafayette. 2002. General Plan Maps. Available at: <https://www.lovelafayette.org/home/showpublisheddocument/3227/635630520508570000>.

City of Lafayette, 2013. City of Lafayette Zoning Map. March 2013. Available at: <http://www.ci.lafayette.ca.us/home/showdocument?id=1640>.

City of Walnut Creek. 2006. General Plan 2025. Adopted April 4, 2006, including all amendments as of August 31, 2017.

City of Walnut Creek. 2012. General Plan Land Use Map.

City of Walnut Creek, 2021. City of Lafayette Zoning Map. Available at: <https://www.walnut-creek.org/departments/community-development-department/planning-zoning/zoning-setbacks-regulations/zoning-web-map>. Accessed September 7, 2021.

Department of Toxic Substances Control (DTSC). 2021. EnviroStor Map. Available at: <https://www.envirostor.dtsc.ca.gov/public/map/>, Accessed September 9, 2021.

EBMUD. 2006. Environmental Impact Report for Water Treatment and Transmission Improvements Program (WTTIP).

EBMUD. 2020. Walnut Creek Water Treatment Plant Pretreatment Upgrades. Basis of Design Report. January 2020 – Final Draft.

Harza Engineering Company. 2000. Technical Memorandum: Preliminary Environmental Site Assessment EBMUD Walnut Creek Water Treatment Plant.

Lettis Consultants International. 2021. East of Hills Tunnel Geologic Hazards Evaluation for Select Alternative Alignments. June 14, 2021.

McC Campbell Analytical. 2021. Lafayette Lead Paint Samples 3/3/21: Summary of Results.

State Water Resources Control Board (SWRCB). 2021. Geotracker Map, Lafayette, CA. Available at: <https://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=lafayette%2C+ca>, Accessed September 9, 2021

State Water Resources Control Board (SWRCB). 2021. Geotracker Map, Walnut Creek, CA.

Available at:

<https://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=2201+Larkey+Lane%2C+Walnut+Creek%2C+CA>, Accessed September 9, 2021

Appendix B - Public Comments Received on the Notice of Preparation and Initial Study

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List of Commenters on the NOP

The following agencies and individuals submitted the attached comments on the Walnut Creek Water Treatment Plant Pretreatment Project Notice of Preparation:

<u>Commenter</u>	<u>Agency</u>	<u>Date</u>
State Agency		
Cody Campagne	Native American Heritage Commission	February 28, 2022
Local Agency		
Andrew M. Smith	City of Walnut Creek	March 30, 2022
Individuals		
Julia Jackson		March 25, 2022
Lisa Katzki		March 16, 2022
Maureen and Shannon Loughney		March 29, 2022
Arvind Mallya		March 26, 2022
Karen and Kevin Nicles		March 7, 2022
Bob Simon		March 1, 2022
Cliff Threlkeld		March 10, 2022
Katelyn Walker		March 24, 2022



NATIVE AMERICAN HERITAGE COMMISSION

February 28, 2022

Tom Boardman
East Bay Municipal Utility District
375 11th Street, M.S. 701
Oakland, CA 94607

CHAIRPERSON
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Nomlaki

COMMISSIONER
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Luiseño

COMMISSIONER
Stanley Rodriguez
Kumeyaay

EXECUTIVE SECRETARY
Christina Snider
Pomo

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

Re: 2022020573, Walnut Creek Water Treatment Plant Pretreatment Project, Contra Costa County

Dear Mr. Boardman:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, § 15064.5 (b) (CEQA Guidelines § 15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

- 1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project:** Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

 - a. A brief description of the project.
 - b. The lead agency contact information.
 - c. Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
 - d. A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

- 2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report:** A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subs. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

 - a. For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

- 3. Mandatory Topics of Consultation If Requested by a Tribe:** The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

 - a. Alternatives to the project.
 - b. Recommended mitigation measures.
 - c. Significant effects. (Pub. Resources Code §21080.3.2 (a)).

- 4. Discretionary Topics of Consultation:** The following topics are discretionary topics of consultation:

 - a. Type of environmental review necessary.
 - b. Significance of the tribal cultural resources.
 - c. Significance of the project's impacts on tribal cultural resources.
 - d. If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

- 5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process:** With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

- 6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document:** If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

 - a. Whether the proposed project has a significant impact on an identified tribal cultural resource.
 - b. Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

- 7. Conclusion of Consultation:** Consultation with a tribe shall be considered concluded when either of the following occurs:
- a.** The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or
 - b.** A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

- a.** Avoidance and preservation of the resources in place, including, but not limited to:
 - i.** Planning and construction to avoid the resources and protect the cultural and natural context.
 - ii.** Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.
- b.** Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:
 - i.** Protecting the cultural character and integrity of the resource.
 - ii.** Protecting the traditional use of the resource.
 - iii.** Protecting the confidentiality of the resource.
- c.** Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.
- d.** Protecting the resource. (Pub. Resource Code §21084.3 (b)).
- e.** Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).
- f.** Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

- a.** The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.
- b.** The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.
- c.** The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. **Tribal Consultation:** If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. **No Statutory Time Limit on SB 18 Tribal Consultation.** There is no statutory time limit on SB 18 tribal consultation.
3. **Confidentiality:** Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. **Conclusion of SB 18 Tribal Consultation:** Consultation should be concluded at the point in which:
 - a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
 - b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: <http://nahc.ca.gov/resources/forms/>.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (http://ohp.parks.ca.gov/?page_id=1068) for an archaeological records search. The records search will determine:
 - a. If part or all of the APE has been previously surveyed for cultural resources.
 - b. If any known cultural resources have already been recorded on or adjacent to the APE.
 - c. If the probability is low, moderate, or high that cultural resources are located in the APE.
 - d. If a survey is required to determine whether previously unrecorded cultural resources are present.
2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
 - a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
 - b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:
 - a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.
 - b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.
 - a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.
 - b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.
 - c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address:
Cody.Campagne@nahc.ca.gov.

Sincerely,



Cody Campagne
Cultural Resources Analyst

cc: State Clearinghouse

Boardman, Tom

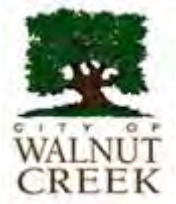
From: Andrew M Smith <AMSmith@walnut-creek.org>
Sent: Wednesday, March 30, 2022 8:26 AM
To: Walnut Creek Water Treatment Plant Pretreatment Project
Cc: Jeff Schwob; Heather Ballenger; Steve Waymire; Frank Kong
Subject: EIR scoping comments from City of Walnut Creek
Attachments: Walnut Creek scoping letter (EBMUD).pdf

CAUTION – This email came from outside of EBMUD. Do not open attachments or click on links in suspicious emails.

Dear Mr. Boardman,

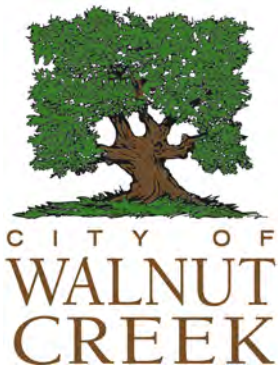
Attached please find the City of Walnut Creek's EIR scoping comments for the Walnut Creek Water Treatment Plan Pretreatment Project. We appreciate your giving us this opportunity to comment, and we look forward to our continued work together.

Sincerely,
-Andy



Andrew M. Smith

Senior Planner – Long Range & Transportation Planning
Supervisor (acting) – Housing Division
Secretary to the Planning Commission
Community Development Department
1666 N. Main Street, Walnut Creek, CA 94596
(925) 943-5899 x2213 www.walnut-creek.org



March 30, 2022

Tom Boardman
Associate Civil Engineer
East Bay Municipal Utility District
375 Eleventh Street, MS 701
Oakland, CA 94607

Delivered via e-mail to wcwtp.pretreatment@ebmud.com

Re: Walnut Creek Water Treatment Plan Pretreatment Project – EIR scoping comments

Dear Mr. Boardman:

Thank you for the opportunity to provide EIR scoping comments for the above noted application located within the City of Walnut Creek. We request that the project EIR address the following items:

Aesthetics

1. We agree that the project may result in significant impacts as indicated for items 1.1(a), (c), and (d) in the project's Initial Study. We request that the analysis included in the EIR pay particular attention to the visual impacts resulting from new structures built in the currently undeveloped portions of the site (both to nearby residences and to open space users), and the spread of light and glare resulting from nighttime lighting.

Land Use

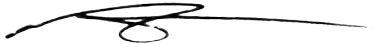
2. We disagree with the finding of no impact for item 1.11(b) of the Initial Study (*Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect*). The City's General Plan land use classification for the project site is OSR, Open Space Recreation, and the site is located within the O-S-R, Open Space/Recreation zoning district, neither of which permit most forms of development, including additional water treatment facilities such as those proposed. While City staff presumes that the District will exercise its rights under the California Government Code to exempt itself from the City's General Plan and Zoning Ordinance, this impact should be identified and analyzed in the EIR.

Transportation

3. We agree that the project may result in significant impacts as indicated for items 1.17(a), (b), and (c) in the project's Initial Study. We request that the analysis included in the EIR pay particular attention the potential damage to the City's roadways resulting from the use of heavy vehicles during construction, and from increased post-construction traffic.

Thank you for again considering our EIR scoping comments in your review of this application. Please don't hesitate to contact me directly if you would like to discuss any aspect of this letter further or if you have any questions.

Sincerely,



Andrew M. Smith
Senior Planner
(925) 943-5899 x2213
asmith@walnut-creek.org

Cc: Jeff Schwob, Interim Community Development Director
Heather Ballenger, Public Works Director
Steve Waymire, Assistant Public Works Director
Frank Kong, Building Official

Boardman, Tom

From: Julia Jackson <juliaann@sbcglobal.net>
Sent: Friday, March 25, 2022 12:07 PM
To: Walnut Creek Water Treatment Plant Pretreatment Project
Subject: Tom Boardman, Pretreatment Project

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Good afternoon Mr. Boardman,
Thank you for the excellent Zoom presentation on March 16, 2022.
I would like to confirm that the Emergency Response Parking Area located behind my 1005 Alfred Avenue, Walnut Creek home will not be used for the Pretreatment Project, unless there is an emergency.

Sincerely,

Julia Jackson
1005 Alfred Avenue
Walnut Creek CA 94597-2902
CELL 925-963-0747
juliaann@sbcglobal.net

From: [ReadyCare, LLC](#)
To: [Walnut Creek Water Treatment Plant Pretreatment Project](#)
Subject: Pretreatment plant EBMUD project
Date: Wednesday, March 16, 2022 7:01:17 PM

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Hi Tom,

I was a participant in tonight's meeting.

This comment addresses the aesthetics of the proposed structures. With the structures that you are planning, there will be a larger footprint, no matter what is added. Please consider adding live roofs to the planning. This will keep the visual much more in line with a natural appearance from above.

Live roofs would also replace the loss of vegetation in the area.

Also, perhaps some of the trees that you plant as visual shields can be fruited/edible plants so that the community can enjoy the growth along their hikes.

Thank you for helping keep our community safe and beautiful.

--

In good health,

Lisa Katzki

Lisa Katzki, RN, BSN, PHN | CEO || ReadyCare, LLC

p: (925) 980-7234 | **f:** (925) 465-4744

e Lisa@ReadyCareCo.com

www.ReadyCareCo.com

www.FRIOCase.com

From: [ReadyCare, LLC](#)
To: [Walnut Creek Water Treatment Plant Pretreatment Project](#)
Subject: Additional comment
Date: Wednesday, March 16, 2022 7:00:28 PM

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Hi Tom,

We live at the end of Ramsay Circle - Currently, there are some lengths that are barbed wire fencing and some that are split wood.

The split wood fencing is more aesthetically pleasing. Please be sure to include the aesthetics of the fencing that you choose as the final fencing.

--

In good health,

Lisa Katzki

Lisa Katzki, RN, BSN, PHN | CEO | | ReadyCare, LLC
p: (925) 980-7234 | **f:** (925) 465-4744
e Lisa@ReadyCareCo.com
www.ReadyCareCo.com
www.FRIOCase.com

Boardman, Tom

From: Maureen Loughney <shmoonthego@gmail.com>
Sent: Tuesday, March 29, 2022 10:00 AM
To: Walnut Creek Water Treatment Plant Pretreatment Project
Subject: Walnut Creek Treatment plant upgrades

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Hi, I've been looking for more detailed information on this but can't find my concerns addressed anywhere so I'll list them here. I recognize the plant upgrade is needed but hope it minimally impact our neighborhood during construction.

- What will be the increase in employment at the facility?
- During construction what is the schedule - M - F, 9 - 5? My concern is with the additional traffic from heavy construction vehicles running through the neighborhood for 5+ years.
- What is the impact on the trails in the area? Will any be closed during construction? We love our open space.
- Will the Briones to Mt D path be reconstructed? It's in bad shape from Quail View Ct halfway to San Luis.

We already get a ton of traffic so we are really concerned about any increases. Hopefully you will have a hotline or something where we can report excessive traffic and speeding.

Thanks for your time.

Maureen & Shannon Loughney
1422 Conejo Way
Walnut Creek, CA

Boardman, Tom

From: Arvind Mallya <armallya@gmail.com>
Sent: Saturday, March 26, 2022 3:27 PM
To: Walnut Creek Water Treatment Plant Pretreatment Project
Subject: Response to NOP

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Hello,

I have the following comments and questions to the NOP of February 28, 2022 presented by Tom Boardman Project Manager of EBMUD.

1. How many more trucks are planned to travel on Larkey Lane going to the treatment plant carrying Chlorine with the new expanded facility? What safety and evacuation plans have you submitted to the state and local fire departments in the event of a spill and leak?
2. During the last construction it was really a dusty hell for us on Alfred Avenue. What are your construction plans to keep the dust and construction noise down? We are now working from home during these pandemic times.
3. We had additional water usage to wash down our patio and drive-way, likewise the dust settled in my pool. What measure will you implement to reimburse the neighbors for additional water usage and cleanup?
4. Please submit your noise and interference measurement both audible and broadband in the HF (2-30 MHz), VHF (140-440 MHz-1.2GHz) and Cellular Microwave bands pre and post construction.
5. During the last construction our roads were blocked during peak commute hours. What is the plan for traffic management?
6. The trucks hauling dirt made our roads dirty and dusty, it also put a lot of stress on the road surface, resulting in potholes. What plans do you have to keep our neighborhood clean and not make it look like an industrial area?
7. Your trucks would idle in the staging area with increased noise and fumes. What is your plan to prevent idling?
8. Every summer I have to call you to keep the grass and weeds down on your property. Please clean up your property to prevent any fire.

Regards,

Arvind Mallya
1045 Alfred Avenue
Walnut Creek, CA 94597

Boardman, Tom

From: Horn, Kathryn
Sent: Thursday, March 10, 2022 8:06 PM
To: Walnut Creek Water Treatment Plant Pretreatment Project
Cc: Karen
Subject: RE: Impact

Hello,
Ms. MazerNicles would like her comments below included as part of the formal NOP comment period.
Kathryn

From: Karen <kmaznic@pacbell.net>
Sent: Thursday, March 10, 2022 2:53 PM
To: Horn, Kathryn <kathryn.horn@ebmud.com>
Subject: Re: Impact

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As a matter of fact yes. More importantly several years ago this came up and it was denied. Where the location was going to be was on a slope and if heaven forbid there was an earthquake the possibility existed that it would move or there could be a leak which would be devastating. This would be a very important point to bring up so if you'd be kind enough to add several comments that would be great. Thank you

Sent from my iPhone

On Mar 8, 2022, at 9:54 AM, Horn, Kathryn <kathryn.horn@ebmud.com> wrote:

Hi Ms. MazerNicles,
Thank you for your feedback. Would you like these comments included as part of the formal comment period for the EIR? We are accepting formal written comments until March 31ST as part of the Notice of Preparation's scoping period.
Kathryn

From: Karen <kmaznic@pacbell.net>
Sent: Monday, March 7, 2022 3:56 PM
To: Horn, Kathryn <kathryn.horn@ebmud.com>
Subject: Re: Impact

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Thanks for your prompt response

Three things

One is Larkey Lane will need repaving. The last time the road was left on terrible shape from truck traffic. Another is how about creating an actual sidewalk for access with walking kids to and from school and walking with dogs or neighbors towards the park. Lastly why can't some trucks access off Alfred? I questioned this last time as it was incessant truck traffic and noise?

Thank you

Karen

Sent from my iPhone

On Mar 7, 2022, at 2:21 PM, Horn, Kathryn <kathryn.horn@ebmud.com> wrote:

Hello,

Thank you for the email. The project is still in the very preliminary stages of planning and will have to undergo an environmental impact report before we start work.

The project will benefit the entire area by providing upgrades at our treatment plant that will help us better respond to source water changes due to climate change, fires, and droughts. This will ensure that we are able to deliver the same high-quality water into the future.

Construction at the treatment plant is not anticipated to begin until 2027 at the earliest. During construction you may notice times of increased truck traffic as trucks will likely use San Luis Road to access our plant on Larkey Lane. Depending on your exact location you may also notice times of increased construction noise. All of the upgrades work will be done within our water treatment plant property.

A recording of the public meeting will be available on the website by March 20th.

Please let me know if you have any other questions.

Best regards,

Kathryn

From: Karen MazerNicles <kmaznic@pacbell.net>

Sent: Monday, March 7, 2022 2:14 PM

To: Horn, Kathryn <kathryn.horn@ebmud.com>

Subject: Impact

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We may be unavailable for the virtual meeting next week. Can you tell me how we will be impacted. We live at 1032 Leroy Lane, off San Luis Road.

Thank you

Karen & Kevin Nicles

Boardman, Tom

From: Horn, Kathryn
Sent: Wednesday, March 9, 2022 9:25 AM
To: ROBERT SIMON; Boardman, Tom
Subject: RE: WCWTP Pretreatment Project

Hello Mr. Simon,

Thank you for the comments. Postcards were sent to the following addresses on Quail View Circle and Ramsay Cir. which appears to be all the homes on those streets. If there are any missing please let me know and I will work to rectify it.

1301 RAMSAY CIR
1302 RAMSAY CIR
1305 RAMSAY CIR
1306 RAMSAY CIR
1309 RAMSAY CIR
1312 RAMSAY CIR
1315 RAMSAY CIR
1318 RAMSAY CIR
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1348 RAMSAY CIR
1354 RAMSAY CIR
1360 RAMSAY CIR

1403 QUAIL VIEW CIR
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I understand sometimes postcards can go unnoticed in the mail so additionally a Nextdoor announcement was posted this week with information regarding the project to 27,000 Walnut Creek accounts, and an email was sent to 1,000 neighbors with current emails linked to their EBMUD account.

I appreciate your idea regarding a notice on the trail and will look into that. This is the very first phase of the project and outreach has only just begun so we will be working hard to get the word out to trail users and those that do not live adjacent to the treatment plant.

Best regards,
Kathryn

From: ROBERT SIMON <ticktock2me@gmail.com>
Sent: Tuesday, March 8, 2022 3:31 PM
To: Boardman, Tom <tom.boardman@ebmud.com>

Cc: Horn, Kathryn <kathryn.horn@ebmud.com>

Subject: Re: WCWTP Pretreatment Project

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Tom

Thank you for the update!

You must have maps that show property lines ??????????

I have talked to many residents here on Quail View Cir and on Ramsey Cir and THEY DID NOT RECEIVE ANY POSTCARDS ABOUT THE MEETING.

Furthermore all the people I talk to on the trails along your property (and we walk these trails often) HAVE NO IDEA OF THIS MASSIVE PROJECT! This leads me to think that there is little to no public outreach (?) not only for residents in the neighborhood BUT to the much larger group of people who walk these trails and do not live immediately next to EBMUD property.

If EBMUD is sincere about public outreach I would think that 2 outdoor bulletin boards should be placed at each end of the trail along the EBMUD Aqueduct with a large drawing and description of the project with contact information.

Bob

On Tue, Mar 8, 2022 at 3:00 PM Boardman, Tom <tom.boardman@ebmud.com> wrote:

Hello Bob,

Thank you for your comments and questions on our upcoming project. We should address some of your concerns during the public meeting next week, but others will be evaluated further as part of the draft EIR. Postcards were sent to the Quail View Circle residents.

Thank you,

Tom

B. Tom Boardman, PE, GE | Associate Civil Engineer | He/Him

East Bay Municipal Utility District | Water Distribution Planning Division

375 11th Street, MS 701 – Oakland, CA 94607 | 510.287.0332 | tom.boardman@ebmud.com

Boardman, Tom

From: Horn, Kathryn
Sent: Monday, March 7, 2022 2:30 PM
To: Boardman, Tom; Maggiore, Bill
Subject: FW: QUESTIONS ON EBMUD CONSTRUCTION AND IMPACT TO QUAIL RIDGE RESIDENTIAL ASSOCIATION

Attachments: AERIAL VIEW PLAN REV 2 TRAIL.jpg; WCWTP_Site_Plan_with_Phases (1).pdf; WCWTP_Pretreatment_CEQA_Initial_Study_Feb_2022 (1).pdf; sb22_005b_WCWTP_Pretreatment_CEQA_NOP_Signed.pdf; IMG_7882.JPG; IMG_7875.JPG; IMG_7874.JPG; IMG_7879.JPG; IMG_7876.JPG; IMG_7885.JPG; IMG_7883.JPG; IMG_7886 (1).JPG; IMG_7887.JPG; IMG_7888.JPG; IMG_7889.JPG; IMG_7890.JPG; PROPERTY LINES overview 12-7-2017 .JPG

Tom and Bill,
Please see the email and questions below. This was in my spam folder.

I will look to make sure the streets he is inquiring about received postcards.

From: ROBERT SIMON <ticktock2me@gmail.com>
Sent: Tuesday, March 1, 2022 4:58 PM
To: george.wells@ebmud.com; Horn, Kathryn <kathryn.horn@ebmud.com>
Cc: ROBERT SIMON <ticktock2me@gmail.com>; John Fondnazio <john@dudum.com>; John Densem <johnawdensem@gmail.com>; Sharon Ferguson <fergiegirl50@gmail.com>; Ron Mintz <ronmintzrealestate@gmail.com>; Nichole Fink <nichole@cidhoa.com>; Angela <angelampike@gmail.com>
Subject: QUESTIONS ON EBMUD CONSTRUCTION AND IMPACT TO QUAIL RIDGE RESIDENTIAL ASSOCIATION

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George / Kathryn

My name is Bob Simon (retired civil engineer) and please note that many HOA homes face your property. I am working with the BOD of the Quail Ridge Homeowners Association, we have 113 townhouse properties and some abut the EBMUD property line on the North side of your facility (along the aqueduct ROW) . We have worked on many mutual concerning problems with EBMUD over the years and with your plant manager Mr Briggs. I understand this is an E I R phase and many changes may happen prior to construction start in 2027.

Of paramount concern is the **COMMITMENT TO INCLUDE IN THE PROJECT planting of trees to grow and hide the structures from view** for all who use the various trails and open space land and the views of abutting homeowners. Please try to answer all questions below, or forward them to the appropriate person:

1. I will join the zoom meeting and I assume that all the residents on Quail View Circle AND Camino Verde Circle (our HOA) and surrounding areas have received your POSTCARD notice of a zoom meeting on March 16th @ 6pm ? **PLEASE CONFIRM ?**

2. I have attached your aerial view with a **RED line** indicating a popular trail that is enjoyed by all which exists along the North side of your property, also a thick **BLUE line** that is the existing fence today.

a. Will the RED line become your new fence and that beautiful field used for the GRAVITY THICKENERS and SOLID AND RECLAIM PUMPS, **PLEASE CONFIRM?**

b. Regarding the gravity thickeners and solids and reclaim pumps, these are significant structures. What is the height above the present grade (or final grade and the difference in actual final grade from existing grade) which now slopes downward from the existing EBMUD fence, **PLEASE RESPOND ?**

3. During your last major construction expansion EBMUD placed and graded earth and trees along the sides of the water treatment tanks and did a series of plantings for fast growing drought resistant trees to "hide" these ebmud tanks. In addition to hiding the tanks, trees were planted on either side of the existing Briones Trail - Acalanes Ridge Open Space and are circled in WHITE on the attached aerial.

Will ebmud include sufficient tree plantings to hide the new structures including the 6 buildings to on the west side of your facility **PLEASE RESPOND?**

4. There is a GREEN LINE which represents your 100 foot wide aqueduct ROW (right of way) This gravel road is used maybe once a week, by one or two trucks, WILL THIS BE PAVED(?) FOR FLEETS OF VEHICLES TO GO UP AND DOWN AND USED AS A MAJOR ACCESS, PLEASE RESPOND?

5. In addition to my revised aerial jpeg, I have taken the liberty to include your pdf documents that are on your website as information to the BOD of Quail Ridge. There are 12 photos of (I guess) ebmud property, now fields that look like open space that will be used for this construction? **PLEASE CONFIRM ?**

6. EBMUD Property Lines not on your aerial view ? Do you have a drawing that shows ebmud property lines AND new proposed construction? I have also attached the 2017 documtant of some property lines in that area.

Thank you very much for your time and cooperation on this most important matter.

Sincerely

Bob Simon

Boardman, Tom

From: Cliff Threlkeld <cathrelkeld@msn.com>
Sent: Thursday, March 10, 2022 5:09 PM
To: Walnut Creek Water Treatment Plant Pretreatment Project
Cc: Bellingham, Gina
Subject: Walnut Creek Water Treatment Plant Pre-Treatment Improvements EIR Notice of Preparation
Attachments: EBMUD WCWTP Pre-Treatment Comments.pdf

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Dear Mr. Boardman:

Attached are my comments and thoughts as they relate to the impacts to Raw Water Aqueduct System of this project.

Cliff Threlkeld

CLIFFORD A. THRELKELD P.E.
2433 Harvard Circle
Walnut Creek, CA 94597
(925) 932-1483
cathrelkeld@msn.com

March 10, 2022

Mr. Tom Boardman
Project Manager
East Bay Municipal Utility District
375 Eleventh Avenue
Oakland, CA 94607

Re: WCWTP Pre-Treatment Project

Dear Mr. Boardman:

As a customer I received a copy of EBMUD's Notice of preparation for the EIR for this Project. As a retiree and past Water Supply Division Manager and Aqueduct Superintendent, I am very interested in the technical and operational aspects of this project particularly as they relate to the Raw Water Aqueduct System.

The first thing I noted is the Project proposes to raise the normal hydraulic operating head in both Lafayette Aqueduct #1 and #2 by as much as 10 feet. This will also raise the normal operating heads of the Mokelumne Aqueducts, probably all the way back to Pardee Reservoir under some operating modes. It also will reduce the maximum gravity flow capacity of all three of the Aqueducts. It may also impact the efficiency of the three Walnut Creek Aqueduct pumping plants and the Bixler High Head Pumping Plant if it were to be used. Possible impacts to the Moraga Pumping Plant, the operation of Briones Center and the operation of the CCWD Interconnection should also be checked as you move forward.

Second, raising the head in the Lafayette Aqueduct #1 may not be as straight forward as it seems. Significant analysis and improvements should be undertaken to assure this nearly 100 year old cast-in-place concrete conduit can reliably operate in this manner. It has a long history of cracking and leaking. Without further structural improvement the risk to downtown Lafayette from a large leak or failure is increased and needs to be addressed in this project. Such an event would be very messy both physically and politically.

As an alternative, the desired increase in Aqueduct pressure at Walnut Creek WTP could be achieved by placing a new Lafayette #1 Weir at the East Portal of the Walnut Creek #1 Tunnel. This would eliminate the added stress on the Lafayette #1 Aqueduct and not increase its risk of failure.

As a part of this Project I also suggest the hydraulic and operational changes to the entire Raw Water Aqueduct System resulting from raising the hydraulic pressure be carefully and thoroughly analyzed and understood by both the Districts engineers and those responsible for the operations and maintenance of this critical system. Thank you for the opportunity to comment on the important project.

Sincerely,

Cliff Threlkeld

Boardman, Tom

From: Katelyn Walker <walker.katelyn@gmail.com>
Sent: Thursday, March 24, 2022 4:16 PM
To: Walnut Creek Water Treatment Plant Pretreatment Project
Subject: WCWTP Pretreatment Project Comments

CAUTION – This email came from outside of EBMUD. Do not open attachments or click on links in suspicious emails.

Dear Mr. Boardman,

Thanks for the opportunity to comment on the WCWTP Pretreatment project. I want to bring up two potential recreational impacts that I hope will be addressed in the final plan/EIR.

First, as drawn, the site plan puts the Pre-ozone Injection Pumps and Combined Reclaim Vault pretty much on top of the Briones-to-Mt. Diablo Trail. I don't know what these pieces of equipment will look like or how noisy they will be, but I hope that their impact on the peaceful, natural character of the trail will be considered.

Second, there is an existing informal trail that runs just outside the south fence of the site, connecting Larkey Ln to the Briones-to-Mt. Diablo Trail. This informal trail has replaced a trail that was closed during a previous round of construction (according to the sign at the Larkey Ln entrance), and provides an important connection to access the Briones-to-Mt. Diablo Trail and Acalanes Ridge. The CEQA initial study does not mention this informal trail, so I am bringing it to your attention. I am concerned that the Ozone Quenching and Destruct may impact this trail. Also, since this informal trail has replaced a trail closed by previous WCWTP construction, you might consider formalizing and maintaining it as part of this plan.

Thank you,
Katelyn Walker
WCWTP neighbor
Walnut Creek, CA

Appendix C - Aesthetics Conceptual Design Report

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Final

EBMUD Walnut Creek Water Treatment Plant Pretreatment Project

Aesthetics Conceptual Design Report

August 2023

Walnut Creek Water Treatment Plant Pretreatment Project
2201 Larkey Lane, Walnut Creek, California

Prepared for

East Bay Municipal Utility District
375 11th Street
Oakland, California 94607

Prepared on behalf of

Woodard & Curran
2175 North California Blvd., Suite 315
Walnut Creek, CA 94596

Prepared by

RHAA Landscape Architects
225 Miller Avenue
Mill Valley, CA 94941

Siegel & Strain Architects
6201 Doyle Street, Suite B
Emeryville, CA 94608

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SUMMARY OF KEY FINDINGS

This report prepared by Woodard and Curran, Siegel & Strain Architects, and RHAA (Project Team) documents the development of architectural and landscape design concepts for the East Bay Municipal Utility District's (EBMUD) Walnut Creek Water Treatment Plant (Walnut Creek WTP) Pretreatment Project (Project). The aesthetic concepts presented in this report are the result of an iterative design development process based on input from both EBMUD and local community stakeholders.

Architecture

Following internal review of three design concepts, EBMUD selected Architectural Concept C, which employs cast-in-place concrete buildings with flat roofs and parapets as the predominant building form, with curved roofs and metal siding at select occupied structures. Canopies are either flat or curved, and the flat door awnings typical at the facility are included as well. This concept unifies the water treatment plant aesthetic design by employing similar roof forms and complementary materials throughout the facility. The goal of the selected design concept is to construct new structures that match and blend in with the architectural styles of the existing buildings at the facility.

Landscape

The landscape planting palette was selected in coordination with maintenance staff and was determined to best meet EBMUD's landscape design objectives, which considered aesthetic preferences, long-term maintenance, and water requirements. Plant species were selected for their California native qualities with intent to shield community views into the site, specifically for views adjacent to the Briones to Mount Diablo Regional Trail looking toward the Gravity Thickeners, Thickened Solids Pumping Plants and Solids Dewatering Building. A mix of Coast Live Oak (*Quercus agrifolia*) and Valley Oak (*Quercus lobata*) are selected as well as a hydroseed mix of California native grasses.

SECTION 1: INTRODUCTION

1.1 PROJECT OVERVIEW

The Walnut Creek WTP, originally constructed in 1967, is the primary water treatment plant serving approximately 225,000 customers in EBMUD's East-of-Hills service area located in Contra Costa County. The Walnut Creek WTP operates year-round and serves EBMUD customers in portions of Pleasant Hill, Walnut Creek, and Lafayette, as well as the Alamo, Danville, Blackhawk, and San Ramon Valley communities. The Walnut Creek WTP primarily treats Mokelumne River water stored in the Sierra foothills at Pardee Reservoir, but also treats untreated water stored locally in Briones Reservoir. The Walnut Creek WTP Pretreatment Project (proposed Project) would add pretreatment facilities to the Walnut Creek WTP that would allow EBMUD to more reliably treat a broader range of lower quality untreated water resulting from high rainfall runoff, wildfires, algae blooms, climate change and emerging contaminants, and improve the ability to treat supplemental supplies during future droughts. The Project would also improve treated water quality, taste, and odor by removing organics and by adding ozone treatment. The Project would also increase the Walnut Creek WTP capacity to meet future demands, improve water system reliability and operational flexibility, and allow for the potential decommissioning of the Lafayette WTP. The Project would be constructed in two phases. Phase 1 would allow the Walnut Creek WTP to treat a broader range of water quality and increase the capacity from 115 million gallons per day (MGD) to 125 MGD. Phase 2 would allow the Walnut Creek WTP to further improve the ability to treat a broader range of water quality and would increase the capacity to 160 MGD.

The purpose of this report is to document the development of conceptual aesthetic alternatives for the Project and the selection of a preferred conceptual design. Initial design work involved identifying a range of exterior architectural and landscape design elements and features compatible with EBMUD requirements. The Project facilities are shown on Figure 1.

This report is organized into four primary sections that represent the major tasks completed for the scope of work:

- Introduction – provides a Project overview describing the purpose and context of the report in the overall planning, design, and construction process.
- Design Criteria – provides the relevant Project objectives and design requirements established by EBMUD.
- Concept Development – documents the tasks conducted by the Project team including site analysis, preliminary concept development, public presentation, and preferred concept selection and refinements.
- Preferred Concept and Design Guidelines – presents the preferred architectural and landscape design guidelines.

SECTION 2: DESIGN CRITERIA

2.1 PROJECT OBJECTIVES

The primary objective of this report is to provide a site-specific, functional, and appropriate architectural and landscape design concept for the Project. The Project Team developed architecture and landscape objectives throughout the preliminary concept design process based on design criteria provided by EBMUD and through similar project experience.

2.1.1 Architecture

The architectural design utilizes materials, colors and features that blend the proposed facilities with the context of the existing water treatment plant.

Specific architectural design objectives and correlating strategies include:

- Objective 1: Develop a cohesive design language that references the existing water treatment plant
 - Strategies:
 - Refer to predominant architectural forms
 - Use the same and complementary materials
 - Use like colors; color selections based on EBMUD standards
 - Employ unifying details
- Objective 2: Promote design that is functional, durable and low maintenance.
 - Strategies:
 - Impact resistant and durable materials
 - Easy to clean and maintain
 - Design for long-term flexibility
 - Integrate sustainable design strategies that benefit water treatment plant function and are cost effective
 - Minimize long-term maintenance for all materials and finishes, including preventing nesting of local and migratory birds on the underside of the structure.

2.1.2 Landscape

The landscape design utilizes planting new trees and a hydroseed mixture of native grasses to provide complementary aesthetics to the Walnut Creek WTP while shielding views from the public into the Project site.

- Objective 1: Minimize visual appearance of the new facilities on the Project site
 - Strategies:
 - Provide new plantings to shield views into the Project site, specifically to shield views of the new facilities from all public viewpoints.
- Objective 2: Minimize water use and site maintenance
 - Strategies:

- Use drought tolerant, native trees and grasses that thrive with low-water use

2.2.1 Architecture

The Project will include new processes to improve the reliability, flexibility, and capacity of the existing water treatment plant, including approximately eleven new designed facilities and a total of 20 new structures as shown on Figure 11. The following paragraphs describe the use of each structure, as well as the functional requirements such as size, openings, materials, and maintenance.

2.2.1.1 Ballasted Flocculation (#1)

The Ballasted Flocculation structure, Figure 1, will remove solids, algae, and other organic compounds from the untreated water prior to filtration. There will be four partially submerged structures built in pairs on the north and south ends of the existing Operations Building, each approximately 80 feet by 30 feet. Additional requirements include:

- Below-grade cast-in-place concrete basins, with roughly 6 feet above grade accessed via an external stair.
- An open span steel canopy covering each paired structure, consisting of a factory coated metal roof with tube steel guardrails will be added around the ballasted flocculation tanks and along all walkways and catwalks and matching guardrails at stairs and landings.

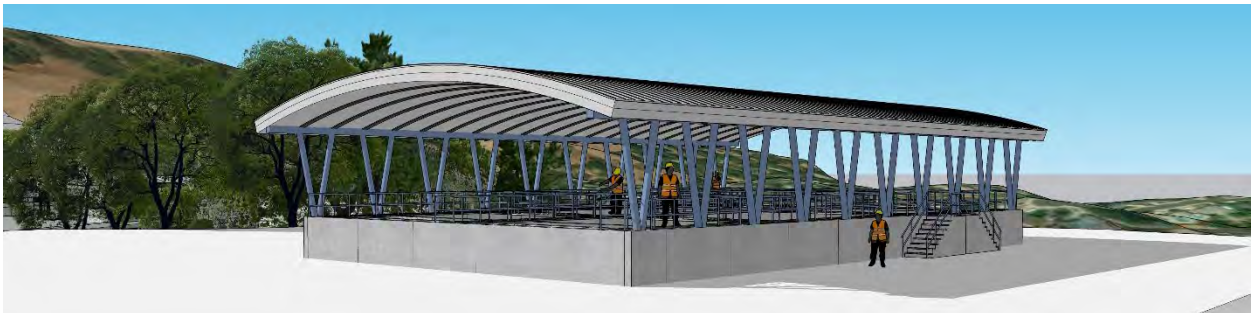


Figure 1- Ballasted Flocculation

2.2.1.2 Ozone Generation Building (#4)

The Ozone Generation Building, Figure 2, will generate ozone from the Liquid Oxygen (LOX) Storage Area and tanks located adjacent to the building, as well as house switchgear, motor control center, supplemental nitrogen, and cooling water systems. The building will be a single-story structure approximately 200 feet by 50 feet with an interior clear height of approximately 15 feet. The LOX tanks will have a two-sided enclosure approximately 16 feet high to protect them from vehicles. Additional requirements include:

- Cast-in-place concrete construction. A single roll-up door, double door, and single personnel door on the south facade, as well as a double door and single personnel door on the north facade.
- Double gate, louver and fencing at tank enclosure.
- Minimal fenestration to allow natural daylight while mitigating noise pollution.
- Louvers and ventilation typical of EBMUD process building standards.



Figure 2- Ozone Generation Building

2.2.1.3 Pre-Ozone Pumping Plants (#6)

The Pre-Ozone Pumping Plants structures, Figure 3, will manage the ozone generated by the Ozone Generation Building (#4) to oxidize taste and odor (T&O) compounds. The structures will house sidestream pumps, ozone catalytic destruct units, and blowers. The structures will be two-story buildings approximately 50 feet by 30 feet each, and the first story will be below grade. Additional requirements include:

- Cast-in-place concrete construction.
- Double doors facing the road, with hatches installed on the roof for equipment installation and removal.
- Louvers and ventilation typical of EBMUD process building standards.



Figure 3- Pre-Ozone Pumping Plants

2.2.1.4 Ozone Destruct System Canopies (#8)

Ozone Destruct System Canopies, Figure 4, are open span steel structure that will be used in multiple locations, including atop the Intermediate Ozone Contactors (#3) and Ozone Quenching Vault (#16), as well as freestanding throughout the site. The canopies will be

approximately 20 feet by 10 feet with a head clearance of approximately 12 feet. Additional requirements include:

- An open span steel canopy, consisting of a factory-coated metal roof.
- Cast-in-place concrete retaining walls at the base.
- Color selections based on EBMUD standards.



Figure 4- Ozone Destruct System Canopies

2.2.1.5 Solids Dewatering Building (#9)

The Solids Dewatering Building, Figure 5, will house an operating lab, restrooms, scroll centrifuges, blending tank mixers, supernatant pumps, screw conveyors, and the polymer blend and feed system. Two approximate 45,000 gallon Thickened Solids Blending Tanks (#10) will be situated adjacent to the building. The building will be approximately 100 feet by 45 feet and consist of two stories to a height of approximately 27 feet. The building will be connected to the truck loading canopy (#9A) for solids removal. Additional requirements include:

- Cast-in-place concrete construction.
- Ground floor with double doors, a roll-up door, and a personnel door facing the road.
- Louvers and ventilation typical of EBMUD process building standards will be installed on the second floor.
- Tube steel guardrails will be added around the blending tanks and matching rails at all stairs and landings.
- Color selections based on EBMUD standards.



Figure 5- Solids Dewatering Building and Truck Loading Canopy

2.2.1.6 Truck Loading Canopy (#9A)

Connected to the Solids Dewatering Building (#9), the Truck Loading Canopy, Figure 5, will support overhead screw conveyors for up to two loading trucks. The canopy will be approximately 45 feet by 30 feet and maintain a pass under clearance of approximately 20 feet. Additional requirements include:

- An open span steel canopy.
- Color selections based on EBMUD standards.

2.2.1.7 Thickened Solids Pumping Plants (#12):

The Thickened Solids Pumping Plants (#12), Figure 6, will pump solids collected at the bottom of the gravity thickeners to the Thickened Solids Blending Tanks adjacent to the Solids Dewatering Building. The structures will be partially submerged and consist of two levels with a bridge access to the decant wet well and Gravity Thickeners (#11). The structures will be approximately 50 feet by 30 feet and approximately 27 feet deep, with the first story entirely below grade. Additional requirements include:

- Cast-in-place concrete construction.
- Double door for access, and an 8-foot x10-foot roof hatch with interior stair, three 4-foot x4-foot hatches for equipment access, and 1-foot diameter mushrooms for air intake and exhaust.
- Tube steel pipe rails at all catwalks over the gravity thickeners, with matching guardrails at stairs and landings.



Figure 6- Thickened Solids Pumping Plants

2.2.1.8 Solids Transfer Pumping Plant (#13)

The Solids Transfer Pumping Plant (#13), Figure 7, will pump waste solid flows from the existing backwash solids detention basin to the gravity thickeners. The structure will be approximately 20 feet by 15 feet with a height of approximately 17 feet. The upper 10 feet will be visible while the remainder will be below grade. Additional requirements include:

- Cast-in-place concrete construction.
- Double door for personnel on the south facade.

- Louvers and ventilation on the east and west facades typical of EBMUD process building standards.



Figure 7- Solids Transfer Pumping Plant

2.2.1.9 Consolidated Maintenance Building (#15):

The Consolidated Maintenance Building, Figure 8, will consolidate existing maintenance functions at the Walnut Creek WTP into a single building that will house mechanical, electrical, and instrument shops; storage areas; restrooms; locker room; gym; break area; workstations; training room/Emergency Operations Center; and miscellaneous support. The building will be approximately 180 feet by 60 feet and consist of 2 stories at a height of approximately 27 feet. Additional requirements include:

- Cast-in-place concrete construction at lower level shop and storage spaces; and at two-story mechanical shop.
- Steel construction with insulated wall system at the upper level occupied spaces.
- Single and double doors for personnel, including door canopy, on the lower level.
- Roll-up doors to shops and double utility doors to storage on the lower level.
- Windows, clerestory windows and skylights for daylight.
- Covered outdoor washdown/work area.
- Exterior roof access stair.



Figure 8- Consolidated Maintenance Building

2.2.1.10 Chemical Storage Building Canopy (#17)

The Chemical Storage Building Canopy, Figure 9, will expand the sheltered storage capacity of the existing Chemical Storage Building and match the existing canopy. The canopy will be approximately 93 feet x 23 feet and maintain a head clearance of approximately 20 feet. Additional requirements include:

- An open span steel canopy with exterior metal cladding and exposed cross bracing.
- Infill panels with mix of louvers for ventilation and “Kalwall” translucent wall panels, to match the existing canopy.
- Color selections based on EBMUD standards.



Figure 9- Chemical Storage Building Canopy

2.2.1.11 Hydrogen Peroxide Station Canopy (#18):

The Hydrogen Peroxide Station Canopy, Figure 10, will cover hydrogen peroxide storage tanks situated at various locations around the water treatment plant. The canopy type will be approximately 40 feet by 30 feet, with a head clearance of approximately 15 feet.

- An open span steel canopy consisting of a factory coated metal roof.
- Cast-in-place concrete retaining walls at the base.



Figure 10- Hydrogen Peroxide Station Canopy

2.2.2 Landscape

The landscape design will utilize new and existing trees and apply a hydroseed mixture of native grasses to provide a drought tolerant and an attractive and complementary setting for the Walnut Creek WTP. Site and landscape requirements include:

- Staff parking adjacent to the Maintenance and Electrical Facilities Buildings

- Low-maintenance, drought-tolerant trees, and grasses

SECTION 3: CONCEPTUAL DEVELOPMENT

3.1 DESIGN PROCESS

Prior to initiating the architectural and landscape design process, EBMUD established the general site layout based on the existing available space and functional requirements of the Project, including facility footprints, proposed pipelines, proposed retaining walls, and proposed access roads as shown in Figure 11.

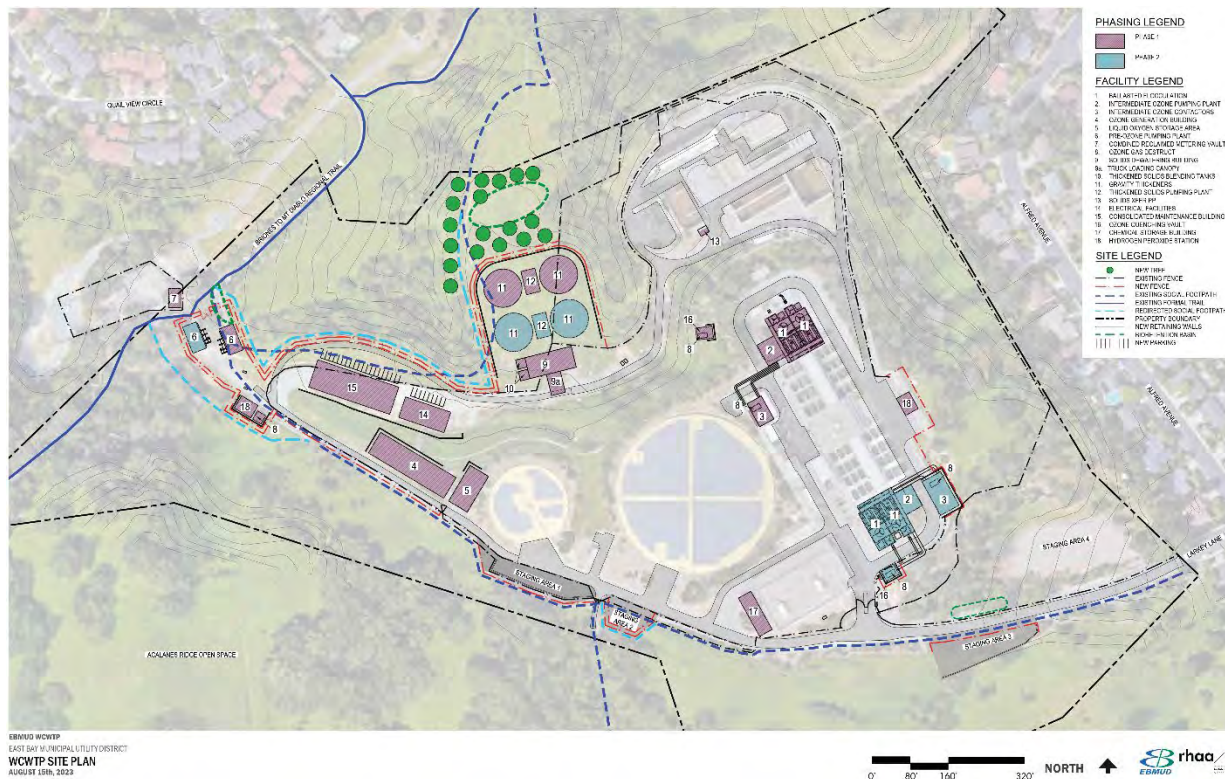


Figure 11- Site Plan

The Project Team developed preliminary design concepts based on the site layout, site visits, Project goals, and functional requirements. Before developing three-dimensional concepts, the Project Team held meetings to review precedents and confirm suitable materials and colors. Concepts and subsequent design iterations were presented to EBMUD in a series of workshops. Each concept included a material and planting palette, precedent images, visual simulations, building elevations, and a landscape plan.

3.1.1 Site Description

The Project Team visited the Project site with EBMUD staff to document and assess the existing site features and surroundings.

3.1.1.1 Summary of Existing Surroundings

The Walnut Creek WTP is surrounded by public open space and residential neighborhoods as shown on Figure 12. The Walnut Creek-Acalanes Ridge Open Space is to the south of the Walnut Creek WTP, hosting the popular Sousa, Ridgetop, Camino Verde, and Briones-to-Mt. Diablo Trails. These trails offer extensive views to the Carquinez Strait and Mount Diablo. To the north is the Ramsay Circle residential neighborhood and to the west is the Alfred Avenue neighborhood.

Existing vegetation on the Walnut Creek WTP site includes both native and non-native species, typical of northern California's Mediterranean climate. On the Walnut Creek WTP site, planting is limited to building entries and along site roads. Existing planting on the property includes small to large shrubs and various tree species; native and non-native grasses comprise most of the existing vegetation with native Coast Live Oak (*Quercus agrifolia*) and Valley Oak (*Quercus lobata*) tree species. In addition to native tree species, non-native tree species such as Aleppo Pine (*Pinus halepensis*) and Peruvian Pepper Tree (*Schinus molle*) are also present.



Figure 12- Site Aerial

3.1.2: Summary of Existing Plant Character:

During two site visits, the Project Team documented the architectural style of the existing buildings. A range of building types, structural systems, roof forms and finish materials exist at the Walnut Creek WTP. The primary systems and features are summarized below.

3.1.2.1 Structural Systems:

The predominant structural systems to remain on the water treatment plant are as follows:

- Cast-in-place (CIP) concrete, monolithic walls, such as at the Chemical Storage Building, the Operations Building and the Larkey Pumping Plant, amongst others. See Figure 13.
- Cast-in-place concrete frames with infill wall panels, such as at the Satellite Shops. See Figure 14.
- Steel frame with infill storefront, such as at the Filter Galleries. See Figure 15.



Figure 13- CIP Concrete



Figure 14- CIP with Infill



Figure 15- Steel Frame

3.1.2.2 Roof Forms and Overhangs:

- Flat roof with concrete parapet. See Figure 18 and Figure 19.
- Curved roof with eave and related curved roof without eave. See Figure 16 and Figure 17.



Figure 16- Curved with Eave



Figure 17- Curved without Eave



Figure 18- Flat with Parapet



Figure 19- Flat with Parapet



Figure 20- Scalloped - Not Used



Figure 21- Water Quality Lab

3.1.2.3 Canopies and Awnings:

- Metal soffited roof canopy, as at the Operations Building and Chemical Storage Building. See Figure 26.

- Steel framed canopy with horizontal metal grating, as at the Operations Building. See Figure 27.
- Steel framed door canopy with horizontal glazing, as at the Chemical Storage Building, Larkey Pumping Plant and many buildings on the water treatment plant property. See Figure 23 and Figure 24.



Figure 22- Awning



Figure 23- Metal Canopy at Chemical Storage Building



Figure 24- Metal Canopy at Chemical Storage Building



Figure 25- Door Canopy



Figure 26- Metal Soffit



Figure 27- Steel Framed Canopy

3.1.2.4 Openings and Fenestration:

A range of openings serve different purposes around the water treatment plant. The following are typical at a variety of locations:

- Single steel personnel door, typically with narrow lite or half lite, and sometimes with sidelight. Typically paired with steel awning. See Figure 34.
- Double steel utility doors, sometimes paired with steel awning Figure 29.
- Double Aluminum doors, full lite, at storefront system. See Figure 28.
- Metal utility louvers, typically within CIP walls and sometimes in other wall systems. See Figure 30 and Figure 31.
- Roof hatches, sized for equipment within the building. See Figure 33.



Figure 28- Double Door Storefront



Figure 29- Double Door



Figure 30- Louvres



Figure 31- Louvres



Figure 32- Metal Roll-Up Door

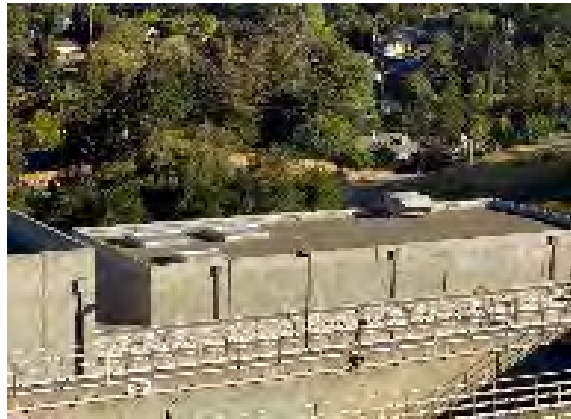


Figure 33- Roof Hatches



Figure 34- Steel Personnel

3.1.2.5 Materials and Colors:

Predominant materials and colors include the following:

- Cast-in-place concrete, typically unpainted. See Figure 41.
- Large aggregate concrete. See Figure 39.

- Aluminum storefront. See Figure 35.
- Painted metals, including doors, finished to match adjacent concrete or as a blue accent. See Figure 39.
- Standing seam metal roofing, grey. See Figure 42.
- Metal canopy materials, typically blue. See Figure 36.



Figure 35- Aluminum Storefront



Figure 36- Metal Canopy



Figure 37- Metal Siding



Figure 38- Painted Metals

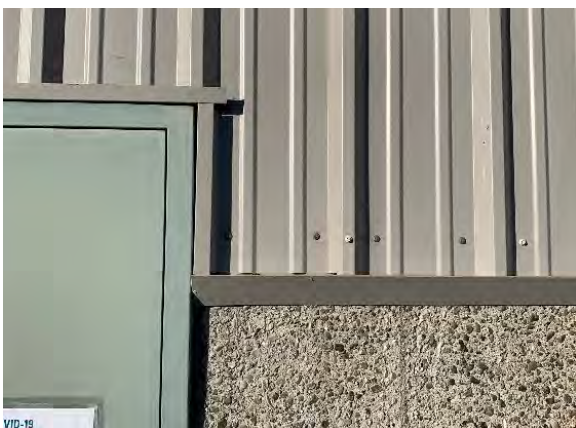


Figure 39- Painted Metals and Large Aggregate Concrete

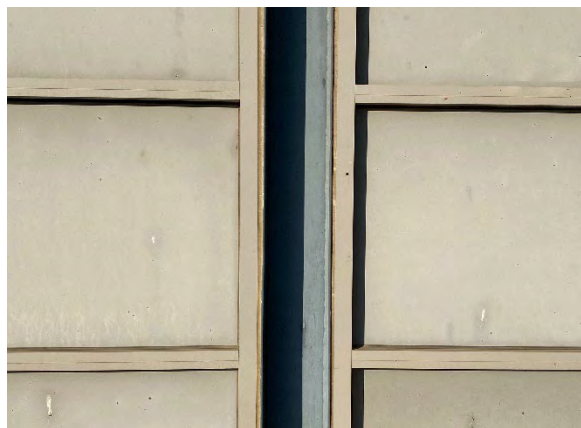


Figure 40- Storefront



Figure 41- CIP Concrete



Figure 42- Standing Seam Roofing

3.1.2.6 Design Features:

- Steel pipe rail, galvanized or painted. See Figure 44.
- Aluminum guardrail, anodized. See Figure 43.
- Scuppers and downspouts, painted. See Figure 45.
- Steel framed canopy with horizontal metal grating. See Figure 46.



Figure 43- Guardrail



Figure 44- Handrail



Figure 45- Scupper and Downspout



Figure 46- Steel Canopy with Glass

3.1.3 Primary View Identification

The Project Team identified six primary views for visual simulations of the Project as shown on Figure 47. The Project Team toured the area around the Project site on August 2, 2021 to assess where proposed facilities would be visible from publicly accessible locations. On the tour the Project Team confirmed that views of the proposed facilities would not be visible from Larkey Lane, Alfred Avenue, Ramsay Court, or other nearby residential streets due to existing grades and elevation. On the tour it was also confirmed that views of the proposed facilities would be visible from public trails around the Project site.



Figure 47- View Selection Plan

View 1 is located from a publicly accessible, but informal trail south of the Walnut Creek WTP, adjacent to the existing 4 million-gallon (MG) Chlorine Contact Chamber and the proposed Ozone Generation Building and Liquid Oxygen Storage Area. View 2 is located along the Sousa Trail, south of the Walnut Creek WTP, facing the existing Chemical Storage Building and 16 MG Clearwell. View 3 is located south of the site along the Sousa Trail, facing the proposed Ozone Generation Building and Liquid Oxygen Storage Area. View 4 is east of the Walnut Creek WTP along the Yarrow Trail. View 5 represents a view from the Briones to Mount Diablo Trail and is also the best view of a residential interface with the Walnut Creek WTP at the Quail Ridge neighborhood – northeast of the site and directly facing the proposed Gravity Thickeners, Thickened Solids Pumping Plants and Solids Dewatering Building. View 6 is the furthest view, east of the site from the Ridgetop Trail near the Monarch Ridge neighborhood. All selected views are publicly accessible.

View 1_Before, shown in Figure 48, shows that the existing 4 MG Chlorine Contact Chamber, security fencing, and access road are visible.



Figure 48- View 1_Before

In View 1_After Construction, shown in Figure 49, the proposed Ozone Generation Building and Liquid Oxygen Storage Area are shown as visible from the publicly accessible, but informal, trail south of the Walnut Creek WTP. Proposed Staging Area 1 is seen in the foreground of Figure 49. This after view reflects what will be visible upon complete construction of Phase 1.



Figure 49- View 1_After Construction

In View 2_Before, shown in Figure 50, the existing 16 MG Clearwell, Chemical Storage Building, Blower Building, Operation Building, and Filters are shown, visible from the Sousa Trail, south of the Walnut Creek WTP.



Figure 50- View 2_Before

View 2_After Construction, shown in Figure 51, shows the proposed Ballasted Flocculation structures on the north and south ends of the existing Operation Building. The proposed Intermediate Ozone Contactor is also partially visible in Figure 51 northeast of the existing 16 MG Clearwell. This after view reflects what will be visible upon complete construction of Phase 1.



Figure 51- View 2_After Construction

View 3_Before, shown in Figure 52, shows the existing site from the southwest along the Sousa Trail. From this view, there is partial visibility of the existing 16 MG Clearwell, Operation Building, Waste Stream EQ Basin, and Decant Building and Pump Station.



Figure 52- View 3_Before

View 3_After Construction, shown in Figure 53, reveals that the proposed Ballasted Flocculation structures on the north and south ends of existing Operation Building will be partially visible

from this location. This after view reflects what will be visible upon complete construction of Phase 1.



Figure 53- View 3_After Construction

View 4_Before, seen in Figure 54, shows the existing Leland No. 2 Pumping Plant, Decant Building and Pump Station, Washwater Settling Basin, and Waster Stream EQ Basin to the north, and the Operation Building, Blower Building, Chemical Storage Building, 16 MG Clearwell, and 4 MG Chlorine Contact Chamber to the south. These existing facilities can be seen from the Yarrow Trail, east of the Project site.



Figure 54 - View 4_Before

View 4_After Construction (Figure 55) shows that the proposed Consolidated Maintenance Building, Pre-Ozone Pumping Plant, Thickened Solids Pumping Plant, and Gravity Thickeners will be partially visible from this location upon completion of Phase 1. View 4_After Construction, also shows proposed Coast Live Oak (*Quercus agrifolia*) and Valley Oak (*Quercus lobata*) trees north of the proposed Gravity Thickeners. In Figure 55 the proposed Coast Live Oak (*Quercus agrifolia*) and Valley Oak (*Quercus lobata*) are shown at installation – 24-inch box trees. Figure 56, View 4_After 5 Years, shows the proposed trees at 5 years growth. Figure 57 shows the proposed trees at 20 years growth, or full maturity.



Figure 55 - View 4_After Construction



Figure 56 - View 4_After 5 Years



Figure 57- View 4_After 20 Years

View 5_Before, referenced in Figure 58, shows the existing view from the Briones Mt. Diablo Trail northeast of the project site. From this location partial views can be seen of the existing Leland No. 2 Pumping Plant and Shops and the Washwater Settling Basin.



Figure 58- View 5_Before



Figure 59 - View 5_After Construction

View 5_After Construction, in Figure 59, shows that the proposed Gravity Thickeners, Thickened Solids Pumping Plant, and Solids Dewatering Building will be visible from this location. Additionally, proposed Coast Live Oak (*Quercus agrifolia*) and Valley Oak (*Quercus lobata*) trees are shown in Figure 59, north of the proposed Gravity Thickeners. In Figure 59 the

proposed Coast Live Oak (*Quercus agrifolia*) and Valley Oak (*Quercus lobata*) are shown at installation – 24-inch box trees. In Figure 60, View 5_After 5 Years, the proposed trees are shown after 5 years growth. View 5_After 20 Years, referenced in Figure 61, shows the proposed trees at full maturity in 20 years.



Figure 60- View 5_After 5 Years



Figure 61-View 5_After 20 Years

View 6_Before, seen in Figure 62, shows the existing Pumping Plant, Decant Building and Pump Station, Washwater Settling Basin, and Waster Stream EQ Basin to the north, and the Operation Building, Blower Building, Chemical Storage Building, 16 MG Clearwell, and 4 MG Chlorine Contact Chamber to the south. These existing facilities can be seen east of the site from the Ridgetop Trail near the Monarch Ridge neighborhood.



Figure 62- View 6_Before

View 6_After Construction, seen in Figure 63, shows that the proposed Consolidated Maintenance Building, Pre-Ozone Pumping Plant, Thickened Solids Pumping Plant, and Gravity Thickeners will be partially visible from this location upon completion of Phase 1. The Ballasted Flocculation structure in the south end of the existing Operation Building will also be visible. Additionally, proposed Coast Live Oak (*Quercus agrifolia*) and Valley Oak (*Quercus lobata*) trees are shown in Figure 63, north of the proposed Gravity Thickeners. In Figure 63 the proposed Coast Live Oak (*Quercus agrifolia*) and Valley Oak (*Quercus lobata*) are shown at installation – 24-inch box trees. Figure 64, View 6_After 5 Years, shows the proposed trees after 5 years growth. Figure 65, View 6_After 20 Years, shows the proposed trees after 20 years growth, or full maturity.



Figure 63- View 6_After Construction



Figure 64 - View 6_After 5 Years



Figure 65-View 6_After 20 Years

PRELIMINARY CONCEPTS

3.2.1: Architectural Design Guidelines

The existing facilities represent a wide range of use, size and aesthetics as well as eras of construction. The Project Team evaluated the existing buildings, examining the building types, structural systems, roof forms and finish materials, and identifying the predominant architectural characteristics at the Walnut Creek WTP.

There are two general building forms used at the Walnut Creek WTP: flat roofs and curved roofs. For both forms, canopies and awnings provide practical function as well as aesthetic detail. Amongst the forms, the curved roofs of the Filter Galleries and the Blower Building are the most unique and yet large enough to be considered predominant. Based on the existing building forms, the Project Team developed three preliminary design concepts by employing the existing forms in different combinations, while incorporating the existing water treatment plant detail to create a unified design approach, whereby common design elements are used throughout the water treatment plant.

- Concept A employed flat roofs and parapets, with flat canopies and awnings.
- Concept B employed flat roofs and parapets, but with flat or curved canopies. Flat awnings were also included.
- Concept C employed predominantly flat roofs with parapets but introduced select curved roofs for specific structures. Canopies were either flat or curved, and the existing flat awnings were included as well.

3.3 CONCEPT REFINEMENT

EBMUD selected Concept C for further development, from which the Project Team developed a design approach for each type of facility. Buildings serving process functions, such as pumping plants, will all be similar with concrete walls and flat roofs. The large open-air canopies will have curved roofs to match some of the existing buildings. Select spaces, such as the maintenance building offices, will have metal panel walls and be complementary to the concrete buildings. All the structures will have similar roofing, doors, louvers and overhangs that relate to the existing water treatment plant and also tie them all together aesthetically.

Further review and refinement from EBMUD resulted in the relocation of the Solids Dewatering Building and subsequent redesign to more closely match the process building aesthetic. The Consolidated Maintenance Building retained its design as process plus occupied space and was relocated further west on the site to the old Solids Dewatering Building footprint. Changes were also made the Pre-Ozone Pumping Plants (#6); exploring different roof shapes and visual impacts. The Thickened Solids Pumping Plants (#12) were also modified based on height and clearance requirements, as well as life safety.

SECTION 4: PREFERRED CONCEPT AND DESIGN GUIDELINES

4.1 DESIGN REFINEMENTS

4.1.1 Architecture

The Project Team prepared Preliminary Concepts for each of the buildings based on Concept C and then refined the designs based on EBMUD feedback.

4.1.2 Landscape

The site plan (Figure 11) includes the placement of additional trees for view shielding, and the use of a typical hydroseed mixture from typical EBMUD project specifications.

4.2 ARCHITECTURAL DESIGN GUIDELINES

The form of the buildings is based on Concept C, a combination of flat and curved roof forms and both flat and curved canopies.

The materials palette emphasizes the predominant materials on the site and amplifies select materials and elements that will enhance performance and functionality, such as insulated metal panels and steel shading devices. The proposed color palette will emphasize greys to match existing concrete and metal materials; and blues to match existing finishes at personnel doors, roll up doors and miscellaneous accent materials on the site.

The palette of suitable materials for the new water treatment plant structures is as follows:

- Cast-in-place (CIP) concrete walls, typical at utility structures and workshop areas. Concrete finish and scoring would match existing structures. *Provides consistent architectural character as well as appropriate durability and longevity.*
- Metal wall panels over steel framed walls at occupied spaces such as the Consolidated Maintenance Building support spaces. Use up to two finishes. *Provides complementary architectural character that relates to existing metal roofing; provides a tight, well-insulated building envelope to minimize energy use and promote comfort in occupied areas.*
- Standing seam metal roofing at curved roofs. *Same as existing; durable.*
- Gravel or membrane at flat roofs. *Gravel is the same as existing; a membrane such as thermoplastic polyolefin (TPO) could be used in muted colors. Glare to neighbors is a factor with respect to color selection.*
- Hollow metal utility doors. *Same as existing doors; durable; clerestories and sidelights used to provide daylight.*
- Storefront system with glazed doors. *Provides consistent language for occupied buildings; provides daylight.*
- Metal windows. *Same as existing windows; durable; use thermally broken product at occupied spaces to minimize energy use and promote comfort.*

- Metal Louvers. Match existing.
- Metal Door Awning: Match existing; provides consistent character throughout water treatment plant; protects doors from weather.
- Metal Shading Devices for Windows: Design to relate to metal awning at Operations Building; reduces heat gain to minimize energy use and reduces glare at occupied spaces such as offices and conference rooms.
- Building Integrated Photovoltaics. Provides additional area for solar power generation on site.

The palette as applied to each of the structures is as follows:

4.2.1 Ballasted Flocculation Canopies (#1)

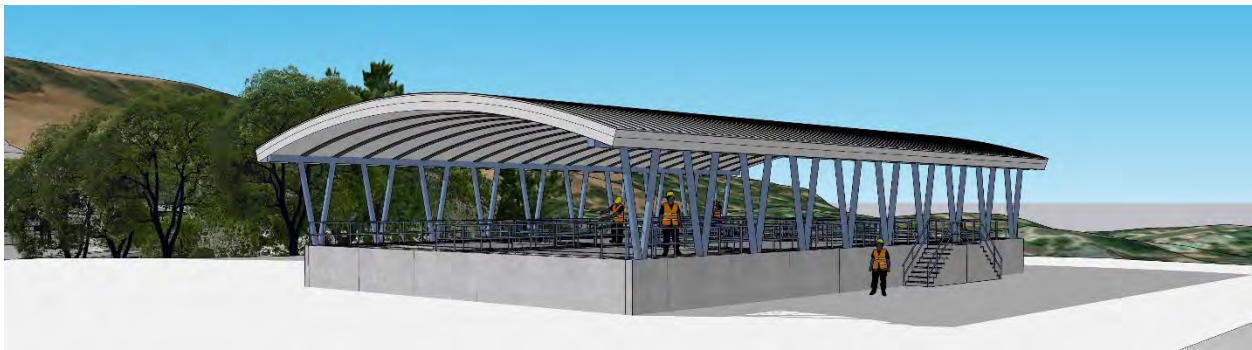


Figure 66- Ballasted Flocculation Canopies Perspective

4.2.1.1 Structural Systems:

The curved Ballasted Flocculation Canopies will use a combination of structural steel frame and poured in place concrete foundation. The frame will consist of tube steel V-columns and long span curved I-Joists supporting the curved roof. See Figure 66, Figure 67, Figure 68, and Figure 69.

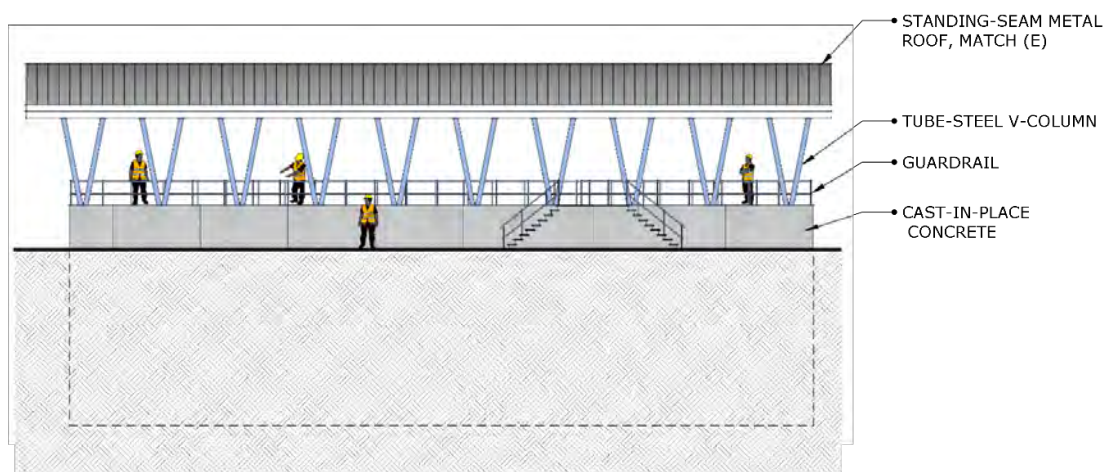


Figure 67- Ballasted Flocculation Canopies East Elevation

4.2.1.2 Roof Form and Overhang:

The roof of the Ballasted Flocculation Canopies will be curved to mimic the geometry of the adjacent Filter Galleries and have an approximate radius of 90 feet, comparable to a roughly 2 ½:12 slope. Overhangs will project at either end for rain protection. Design elements will be used to prevent nesting of local and migratory birds on the underside of the structure.

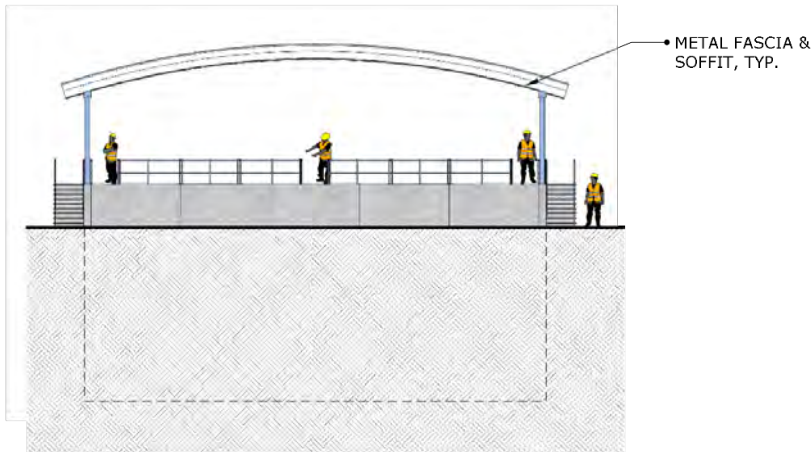


Figure 68 - Ballasted Flocculation Canopies North Elevation; South Elevation similar

4.2.1.3 Materials and Colors:

The primary palette will consist of cast-in-place concrete (unpainted), painted steel, standing seam metal roofing with matching fascia, and metal downspouts and gutters.

The roofing will be grey, and light in color to match the existing Filter Galleries. The concrete will be a natural grey, and the steel columns will be painted EBMUD blue (Phillipsburg Blue, HC-159).

4.2.1.4 Design Features:

Steel pipe rail, galvanized or painted, will line the perimeter of the ballasted flocculation tanks, as well as serve as life safety elements along stairways and catwalks.

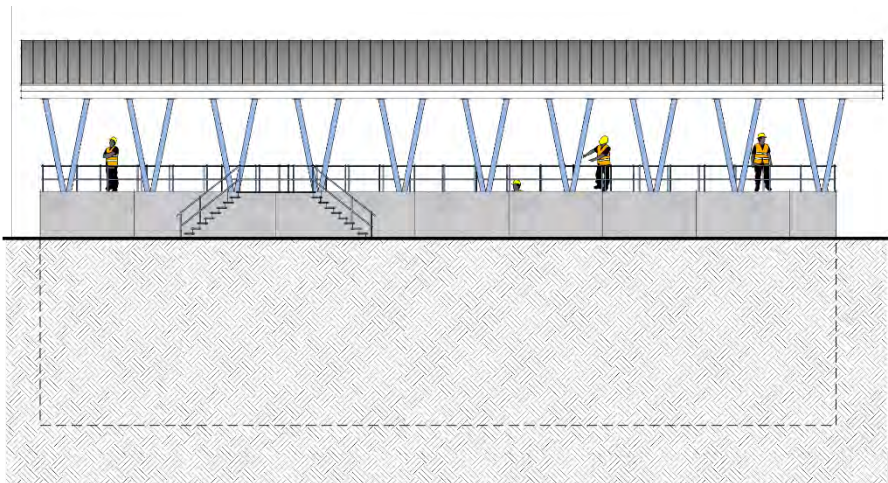


Figure 69 - Ballasted Flocculation Canopies West Elevation

4.2.2 Ozone Generation Building (#4)



Figure 70- Ozone Generation Building Perspective

4.2.2.1 Structural Systems:

The structural system for the Ozone Generation Building will be cast-in-place concrete with a steel framed roof. Form liners will create a textured finish between specific control joints, namely in a horizontal ribbon around fenestration and vents. See Figure 70, Figure 71, Figure 72, Figure 73, and Figure 74.

4.2.2.2 Roof Form and Overhang:

The roof will be flat and have a minimum 4-foot parapet for life safety and equipment screening. There will be no overhang.

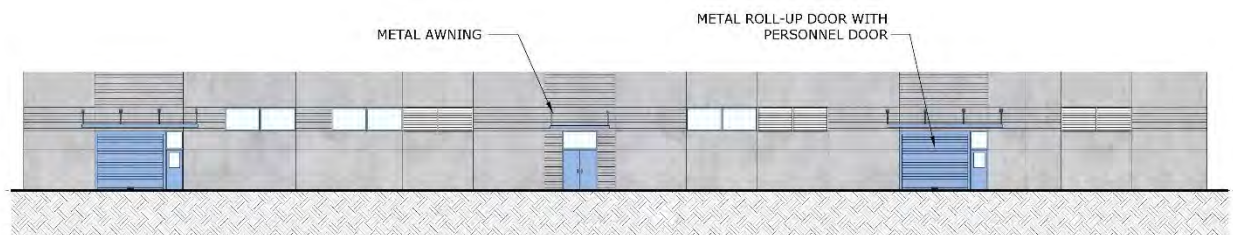


Figure 71- Ozone Generation Building North Elevation

4.2.2.3 Awnings:

Awnings will be provided at all doors in keeping with the existing water treatment plant character and will be steel framed cantilevered structures supported by angle brackets from above, with horizontal glass panels.

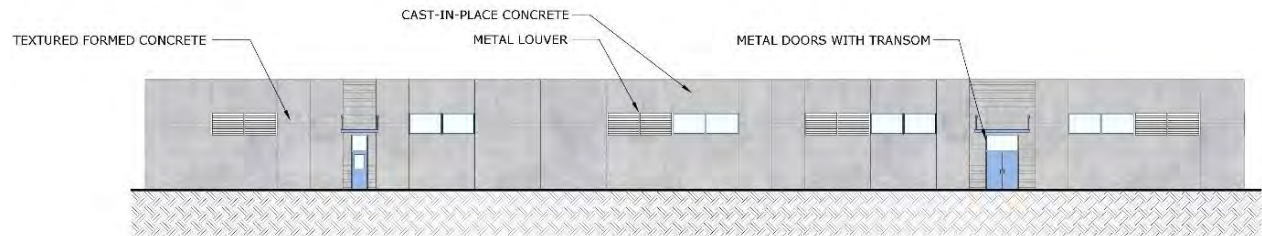


Figure 72- Ozone Generation Building South Elevation

4.2.2.4 Openings and Fenestration:

Access will be through a combination of single steel personnel doors with transoms above, as well as double steel doors with a transom. Large steel roll up doors will allow for equipment and/or vehicle access, and will often be accompanied by a single personnel door with a transom above. Aluminum storefront windows will be placed high on the wall for daylight, as will metal utility louvers for ventilation.

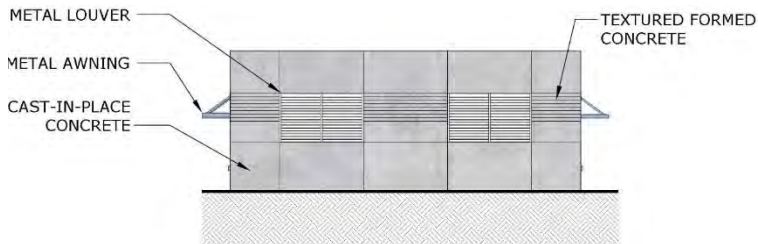


Figure 73- Ozone Generation Building East Elevation

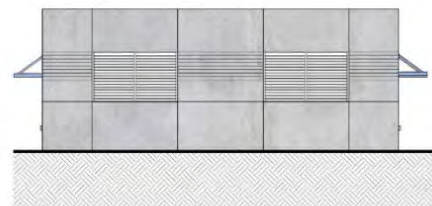


Figure 74- Ozone Generation Building West Elevation

4.2.2.5 Materials and Colors:

The primary palette will consist of unpainted cast-in-place concrete, aluminum storefront glazing, and painted metal accents at the doors and awnings (Phillipsburg Blue, HC-159).

4.2.2.6 Design Features:

Metal canopies with horizontal glass panels will be installed at all doors for weather protection and will match the existing water treatment plant context. Scuppers and downspouts will also be installed in keeping with precedent.

4.2.3 Pre-Ozone Pumping Plants (#6)



Figure 75- Pre-Ozone Pumping Plants Perspective

4.2.3.1 Structural Systems:

The structural system for the Pre-Ozone Pumping Plant buildings will be cast-in-place concrete walls with a steel framed roof. Form liners will create a textured wall finish between specific control joints under the roof gables at either end. See Figure 75, Figure 76, Figure 77, Figure 78, and Figure 79.

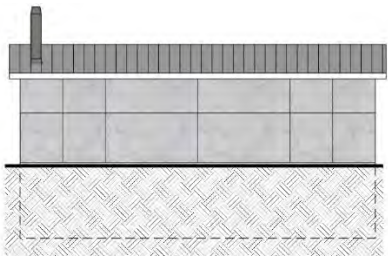


Figure 76- Pre-Ozone Pumping Plants East Elevation

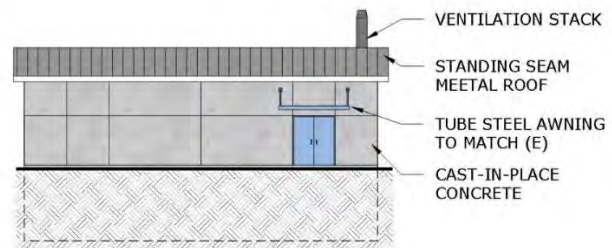


Figure 77- Pre-Ozone Pumping Plants West Elevation

4.2.3.2 Roof Form and Overhangs:

The roof of these buildings will be gabled, with an approximately 3:12 pitch, oriented E/W, and 24-inch overhangs at the eaves and rakes. The gable roof form occurs only at these buildings because of the proximity to dense trees and the relative ease of minimizing leaf litter on the sloped surfaces. Design elements will be used to prevent nesting of local and migratory birds on the underside of the structure.

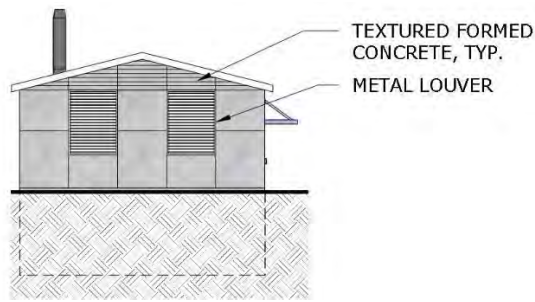


Figure 78- Pre-Ozone Pumping Plants North Elevation

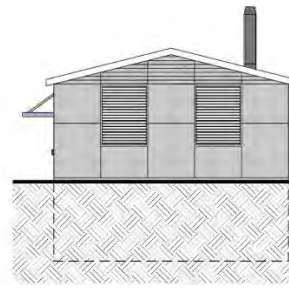


Figure 79- Pre-Ozone Pumping Plants South Elevation

4.2.3.3 Awnings:

Awnings will be provided at all doors in keeping with the existing water treatment plant character and will be steel framed cantilevered structures supported by angle brackets from above, with a horizontal glass panel for rain protection.

4.2.3.4 Openings and Fenestration:

Access will be through a double steel door with no transom, facing the road. Roof hatches will be provided above equipment for installation and removal.

4.2.3.5 Materials and Colors:

The primary palette will consist of unpainted cast-in-place concrete, standing seam metal roofing, and painted metal accents at the doors and awnings (Phillipsburg Blue, HC-159).

4.2.3.6 Design Features:

In addition to the metal canopies, metal gutters and downspouts will be installed and painted to match the roofing material. Wood fascia at the roof will also match. An 8-foot tall vent stack will be installed in one corner of the roof for emergency venting.

4.2.4 Ozone Destruct Canopies (#8)



Figure 80- Ozone Destruct Canopies Perspective

4.2.4.1 Structural Systems:

The curved Ozone Destruct Canopies will use a combination of structural steel frame and cast in place concrete foundation. The frame will consist of tube steel v-columns and curved I-Joists supporting the roof. See Figure 80, Figure 81, Figure 82, Figure 83, and Figure 84.

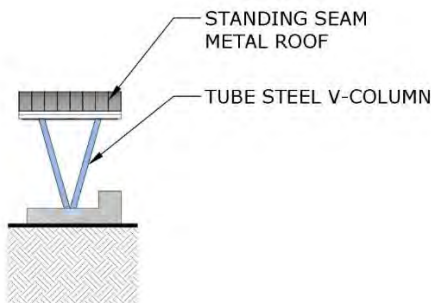


Figure 81- Ozone Destruct Canopies East Elevation

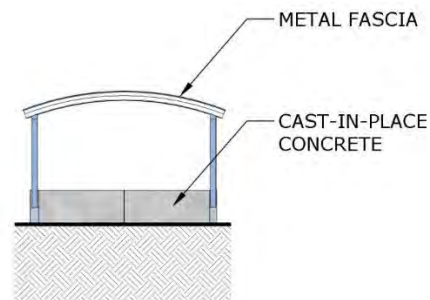


Figure 82- Ozone Destruct Canopies North Elevation

4.2.4.2 Roof Forms:

The roof will be curved and have an approximate radius of 90 feet, comparable to a roughly 2 ½:12 slope. Eaves will project at either end for rain protection. Design elements will be used to prevent nesting of local and migratory birds on the underside of the structure.



Figure 83- Ozone Destruct Canopies South Elevation



Figure 84- Ozone Destruct Canopies West Elevation

4.2.4.3 Materials and Colors:

The primary palette will consist of cast-in-place concrete (unpainted), painted steel, standing seam metal roofing with matching fascia, and metal downspouts and gutters.

4.2.5 Solids Dewatering Building (#9)



Figure 85- Solids Dewatering Building Perspective

4.2.5.1 Structural Systems:

The structural system for the Solids Dewatering Building will be cast-in-place concrete with a steel framed roof. Form liners will create a textured finish between specific control joints, namely in a horizontal ribbon around fenestration and vents. See Figure 85, Figure 86, Figure 89, and Figure 87.

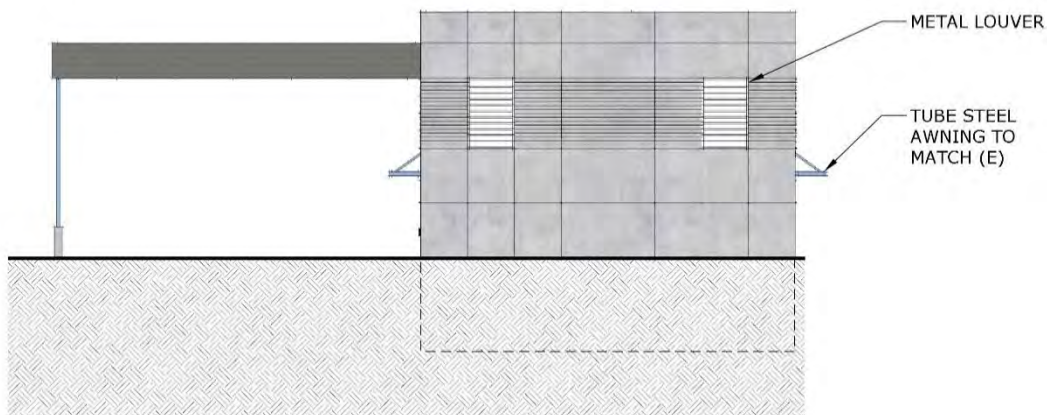


Figure 86- Solids Dewatering Building East Elevation

4.2.5.2 Roof Form and Overhang:

The roof will be flat and have a minimum 4-foot parapet for life safety and equipment screening. There will be no overhang.

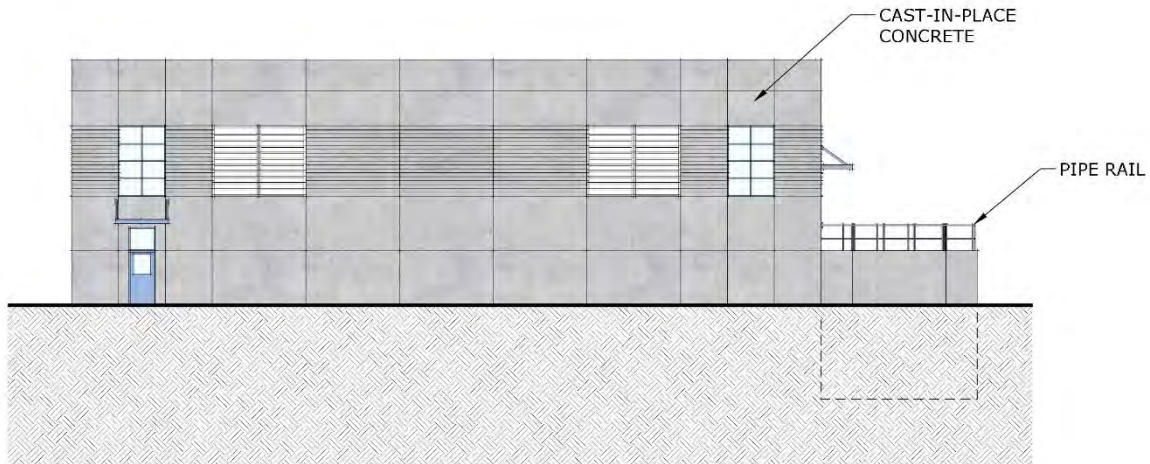


Figure 87- Solids Dewatering Building North Elevation

4.2.5.3 Awnings:

Awnings will be provided at all doors in keeping with the existing water treatment plant character and will be steel framed cantilevered structures supported by angle brackets from above, with horizontal glass panels for rain protection. Design elements will be used to prevent nesting of local and migratory birds on the underside of the structure.

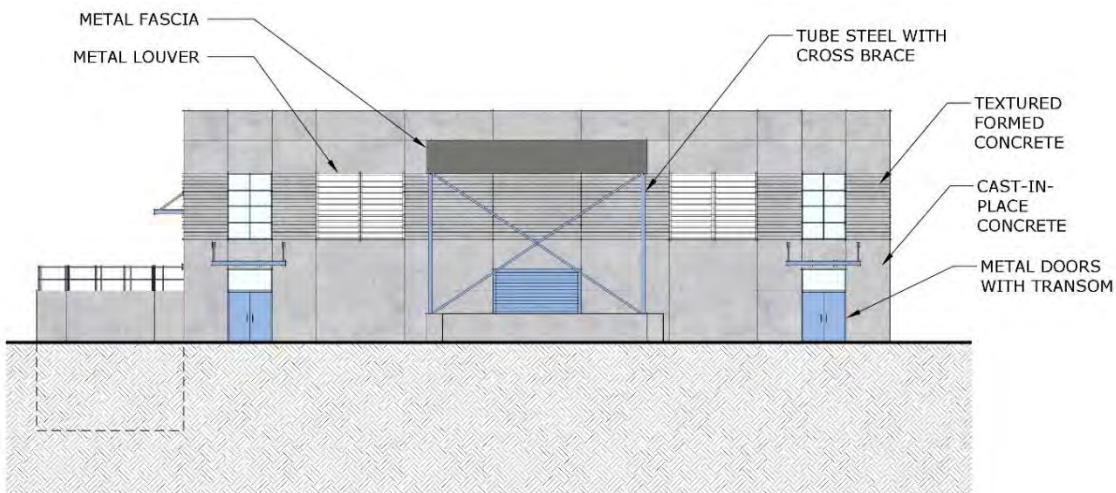


Figure 88- Solids Dewatering Building South Elevation

4.2.5.4 Openings and Fenestration:

Access will be through a combination of a single steel personnel door with transom above, as well as a pair of double steel doors with transoms. A large steel roll up door

facing the road will allow for equipment and/or vehicle access. Windows will be added in a ribbon above the doors for daylight, as will metal louvers for ventilation.

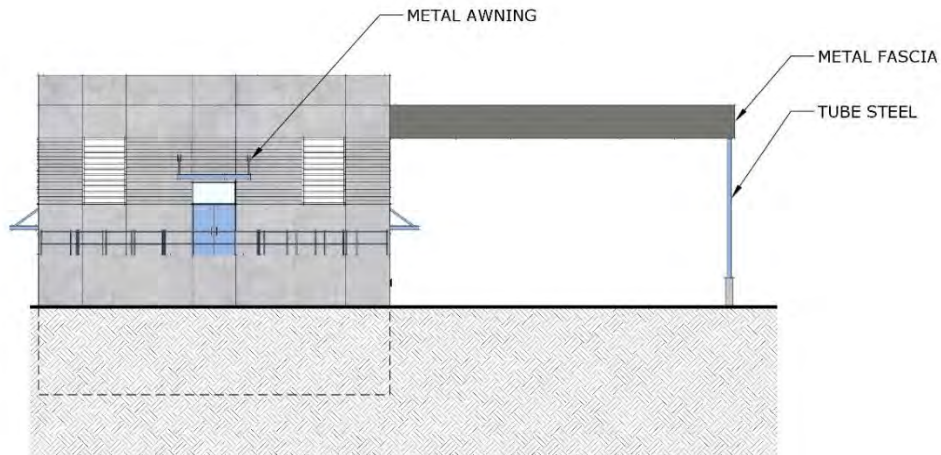


Figure 89- Solids Dewatering Building West Elevation

4.2.5.5 Materials and Colors:

The primary palette will consist of unpainted cast-in-place concrete, aluminum storefront glazing, and painted metal accents (Phillipsburg Blue, HC-159).

4.2.5.6 Design Features:

In addition to metal canopies installed at all doors for weather protection, painted metal scuppers and downspouts will also be installed. Steel pipe rail, galvanized or painted, will line the perimeter of the Thickened Solids Blending Tanks.

4.2.6 Truck Loading Canopy (#9A)



Figure 90 - Solids Dewatering Building and Truck Loading Canopy

4.2.6.1 Structural Systems:

The Truck Loading Canopy will be made of tube steel columns with steel cross braces supported by a cast-in-place concrete foundation. The roof will be framed with steel I-beams supporting a metal deck. See Figure 90.

4.2.6.2 Roof Form and Overhang:

The roof will be flat with sloped framing concealed by a metal fascia. Design elements will be used to prevent nesting of local and migratory birds on the underside of the structure.

4.2.6.5 Materials and Colors:

The primary palette will consist of unpainted cast-in-place concrete, and painted tube steel. The roof structure will be clad with metal fascia (grey) to match the existing Chemical Storage Building Canopy.

4.2.7 Thickened Solids Pumping Plants (#12)



Figure 91- Thickened Solids Pumping Plants Perspective

4.2.7.1 Structural Systems:

The structural system for the Thickening Solids Pumping Plant buildings will be cast-in-place concrete with a steel framed roof. Form liners will create a textured finish between specific control joints, namely in a vertical band around doors and in a horizontal ribbon at the base of the parapet. See Figure 91, Figure 92, Figure 93, Figure 94, and Figure 95.

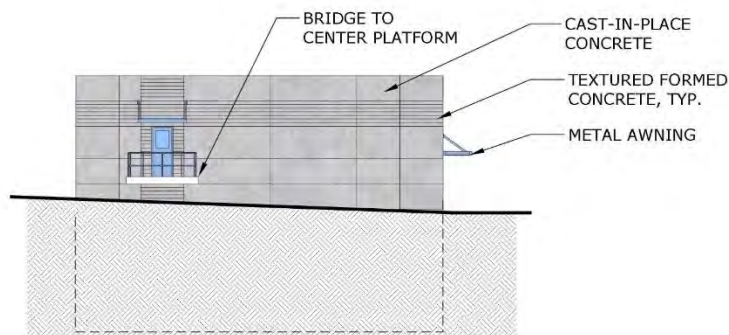


Figure 92- Thickened Solids Pumping Plants East Elevation

4.2.7.2 Roof Forms and Overhang:

The roof will be flat and have a minimum 4-foot parapet for life safety and equipment screening. There will be no overhang.

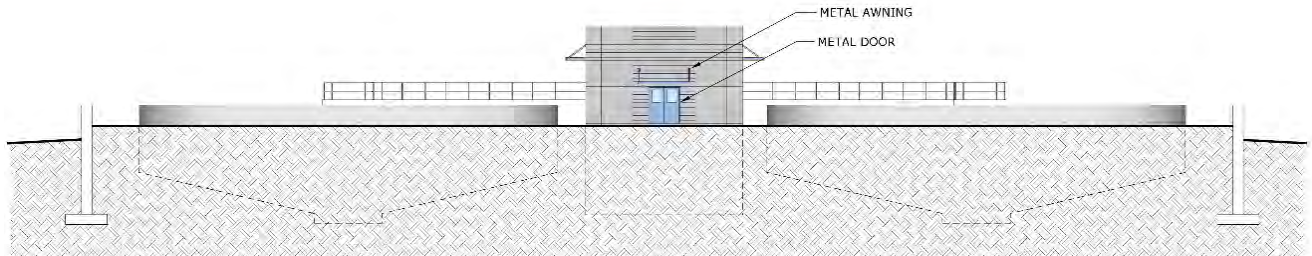


Figure 93- Thickened Solids Pumping Plants North Elevation

4.2.7.3 Awnings:

Awnings will be provided at all doors in keeping with the existing water treatment plant character and will be steel framed cantilevered structures supported by angle brackets from above, with horizontal glass panels.

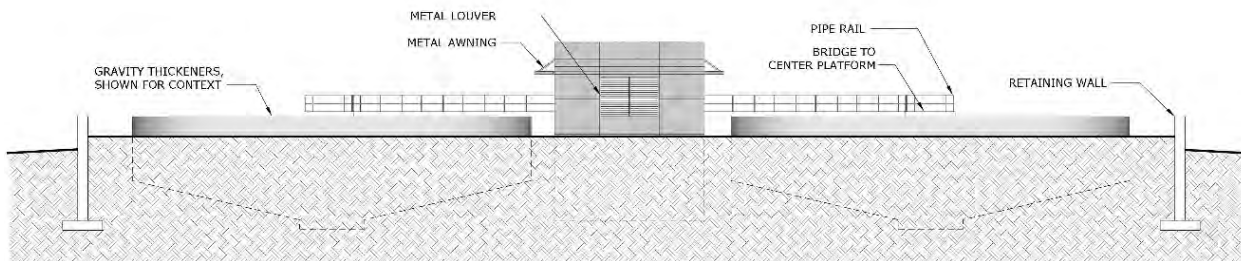


Figure 94- Thickened Solids Pumping Plants South Elevation

4.2.7.4 Openings and Fenestration:

Access will be through a double steel door facing the opposing pumping plant. A large 8-foot x10-foot hatch will provide personnel access to the roof, while smaller hatches will be located above equipment for installation and removal.

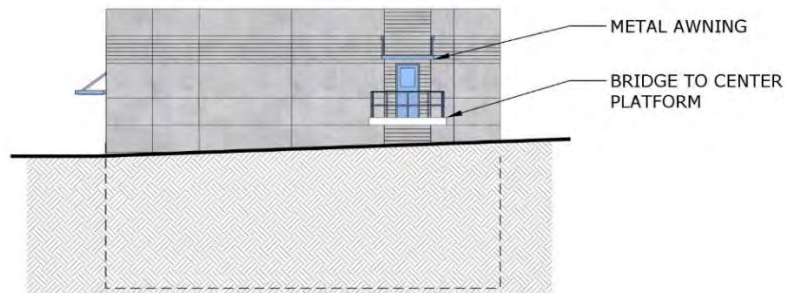


Figure 95- Thickened Solids Pumping Plants West Elevation

4.2.7.5 Materials and Colors:

The primary palette will consist of unpainted cast-in-place concrete and painted metal accents at the guardrails, doors, and awnings (Phillipsburg Blue, HC-159).

4.2.7.6 Design Features:

Metal canopies with horizontal glass panels will be installed at all doors for weather protection and will match the existing water treatment plant context. Scuppers and downspouts will also be installed in keeping with precedent. Steel pipe rail, galvanized or painted, will be installed at the bridge connection to the center platform of the gravity thickeners. Design elements will be used to prevent nesting of local and migratory birds on the underside of the structure.

4.2.8 Solids Transfer Pumping Plant (#13)



Figure 96- Solids Transfer Pumping Plant Perspective

4.2.8.1 Structural Systems:

The structural system for the Solids Transfer Pumping Plant building will be cast-in-place concrete with a steel framed roof. Form liners will create a textured finish between specific control joints, namely in a vertical band around doors and in a horizontal ribbon at the base of the parapet. See Figure 96, Figure 97, Figure 98, Figure 99, and Figure 100.

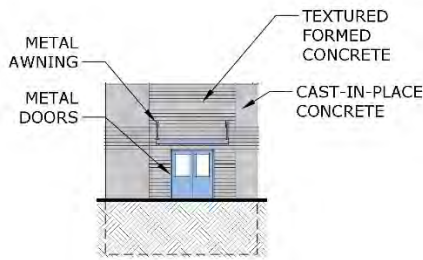


Figure 97- Solids Transfer Pumping Plant East Elevation

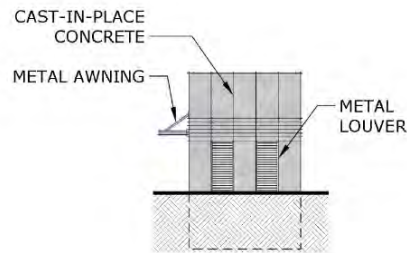


Figure 98- Solids Transfer Pumping Plant North Elevation

4.2.8.2 Roof Forms:

The roof will be flat and have a minimum 4-foot parapet for life safety and equipment screening. There will be no overhang.

4.2.8.3 Awnings:

Awnings will be provided at all doors in keeping with the existing water treatment plant character and will be steel framed cantilevered structures supported by angle brackets from above, with horizontal glass panels.

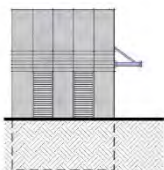


Figure 99- Solids Transfer Pumping Plant South Elevation

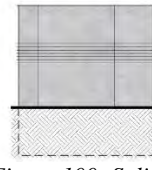


Figure 100- Solids Transfer Pumping Plant West Elevation

4.2.8.4 Openings and Fenestration:

Access will be through a double steel half-light door. Small roof hatches will be located above equipment for installation and removal.

4.2.8.5 Materials and Colors:

The primary palette will consist of unpainted cast-in-place concrete and painted metal accents at the doors and awnings (Phillipsburg Blue, HC-159).

4.2.8.6 Design Features:

Metal canopies with horizontal glass panels will be installed at all doors for weather protection and will match the existing water treatment plant context. Scuppers and downspouts will also be installed.

4.2.9 Consolidated Maintenance Building (#15)



Figure 101- Consolidated Maintenance Building Perspective

4.2.9.1 Structural Systems:

The Consolidated Maintenance Building structure will feature a mix of cast in place concrete and steel frame construction. The concrete will define the ground floor shop and storage spaces as well as the two-story mechanical shop. Steel frame will be used for the occupied zones of the second floor, such as the offices and training rooms. An exterior steel stair will allow access to the roof for servicing and maintenance. See Figure 101, Figure 102, Figure 103, Figure 104, and Figure 105.



Figure 102- Consolidated Maintenance Building East Elevation

4.2.9.2 Roof Form and Overhangs:

The roof will have two primary forms. At the concrete volume it will be flat with a minimum 4-foot parapet for life safety and equipment screening. The steel frame portion will have a flat roof towards the front facade with a 4-foot parapet for life safety, and a curved clerestory at the rear. The curved portion will have an approximate radius of 90

feet, comparable to a roughly 2 ½:12 slope, and 24-inch overhangs at the eave and rake. Design elements will be used to prevent nesting of local and migratory birds on the underside of the structure.



Figure 103- Consolidated Maintenance Building North Elevation

4.2.9.3 Awnings:

Awnings will be provided at all doors in keeping with the existing water treatment plant character and will be steel framed structures supported by angle brackets from above, with horizontal glass panels.

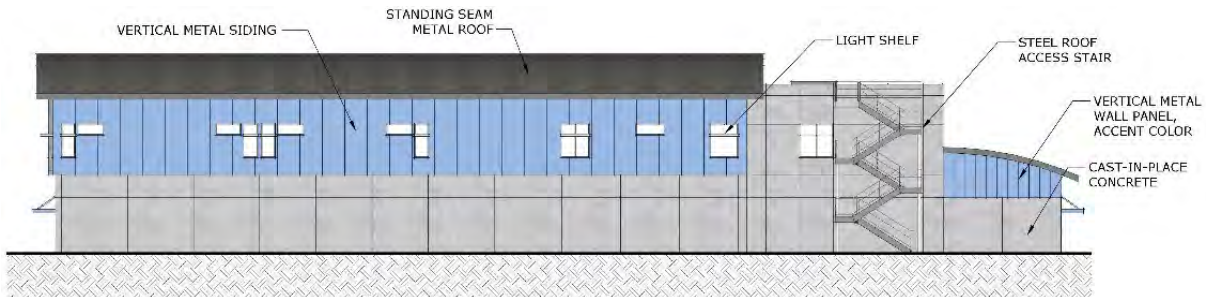


Figure 104- Consolidated Maintenance Building South Elevation

4.2.9.4 Openings and Fenestration:

Access will be through a combination of half-lite single steel personnel doors with transoms above, as well as half-lite double steel doors with a transom. Large steel roll up doors will allow for equipment and/or vehicle access, and may be accompanied by a single personnel door with a transom above. The primary entry door will feature an aluminum storefront system. Aluminum storefront windows and clerestory will provide light to the second floor occupied spaces.

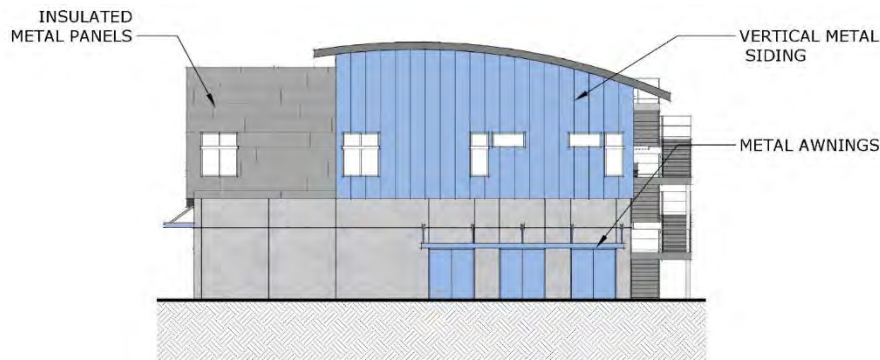


Figure 105- Consolidated Maintenance Building West Elevation

4.2.9.5 Design Features:

In addition to the awnings, the Consolidated Maintenance Building will have anodized aluminum guardrails at the exterior stair, as well as typical scuppers and downspouts. Exterior awnings on the South facade will act as both shade and light shelf for the upper offices and training rooms.

4.2.9.6 Materials and Colors:

The primary palette will consist of unpainted cast-in-place concrete and up to two insulated grey metal panels. A blue/grey accent color will be used for the metal siding under the curved roof (BM Ocean Floor 1630), and EBMUD standard blue (Phillipsburg Blue, HC-159) will be used for the awnings and first floor aluminum doors and windows. The second story windows will be anodized aluminum, and the standing seam metal roof will be grey to match the existing curved roofs. The new exterior stair and rail will be steel with metal accents to match the metal siding.

4.2.10 Chemical Storage Building Canopy (#17)



Figure 106- Chemical Storage Building Canopy Perspective

4.2.10.1 Structural Systems:

The Chemical Storage Building Canopy will be made of tube steel columns with steel cross braces supported by a cast in place concrete foundation. The roof will be framed with steel I-beams supporting a metal deck. See Figure 106, Figure 107, Figure 108, Figure 109, and Figure 110.

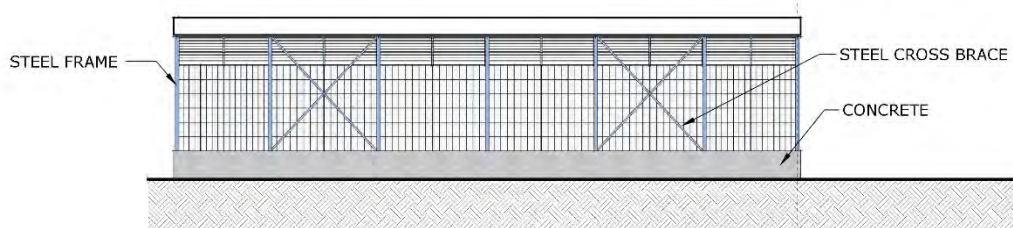


Figure 107- Chemical Storage Building Canopy East Elevation

4.2.10.2 Roof Forms:

The roof will be flat with metal decking and roof build-up to provide adequate slope for drainage. A metal fascia will be installed to match the existing structure. Design elements will be used to prevent nesting of local and migratory birds on the underside of the structure.

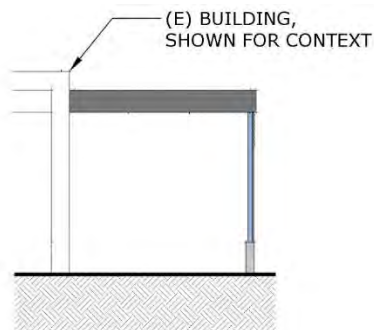


Figure 108- Chemical Storage Building Canopy North Elevation

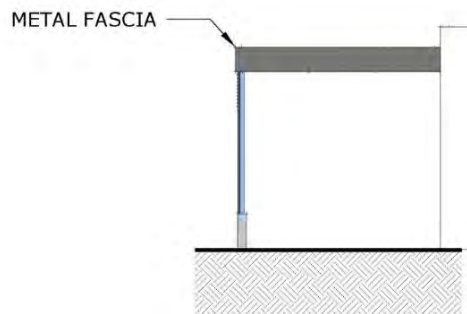


Figure 109- Chemical Storage Building Canopy South Elevation

4.2.10.4 Openings and Fenestration:

The steel structure will be clad and metal louvers will be installed near the roof transition for ventilation.

4.2.10.5 Materials and Colors:

The primary palette will consist of unpainted cast-in-place concrete, and painted tube steel. The structure will be clad with “Kalwall” translucent wall panels while the roof will have a metal fascia (grey).

The Chemical Building Canopy will be an addition to the existing Chemical Building. There is an existing canopy along the north wall of the building and the new canopy will be located along the west wall and designed to match the existing canopy.

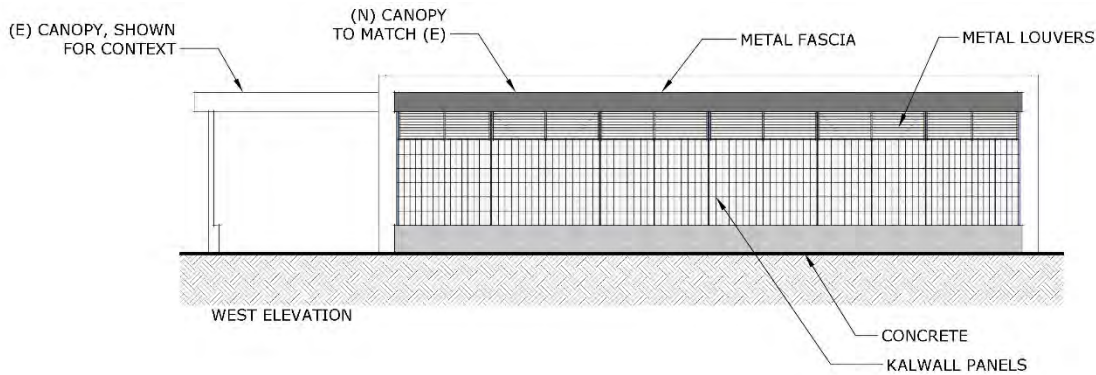


Figure 110- Chemical Storage Building Canopy West Elevation

4.2.11 Hydrogen Peroxide Canopies (#18)

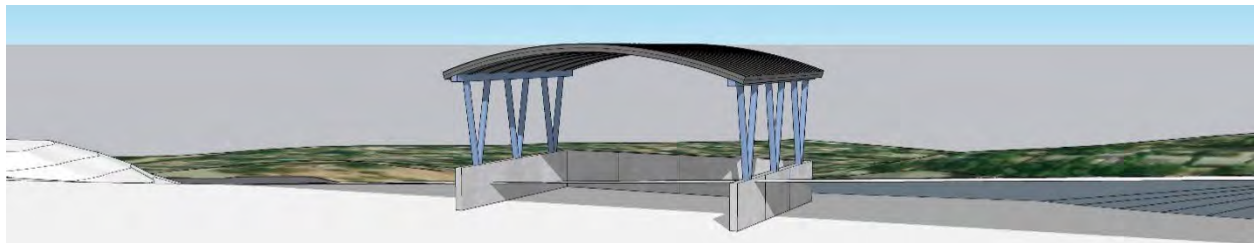


Figure 111- Hydrogen Peroxide Canopy Perspective

4.2.11.1 Structural Systems:

The curved Hydrogen Peroxide Canopies will use a combination of structural steel frame and cast in place concrete foundation. The frame will consist of tube steel V-columns and curved I-Joists supporting the roof. See Figure 111, Figure 112, Figure 113, Figure 114, and Figure 115.

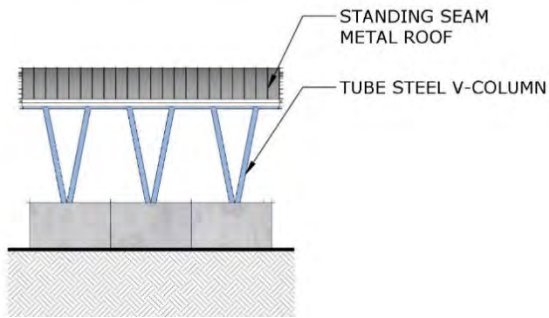


Figure 112- Hydrogen Peroxide Canopy East Elevation

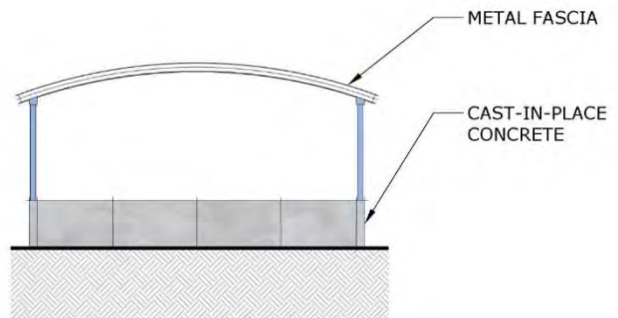


Figure 113- Hydrogen Peroxide Canopy North Elevation

4.211.2 Roof Forms:

The roof will be curved and have an approximate radius of 90 feet, comparable to a roughly 2 ½:12 slope. Eaves will project at either end for rain protection. Design elements will be used to prevent nesting of local and migratory birds on the underside of the structure.

4.2.11.3 Materials and Colors:

The primary palette will consist of unpainted cast-in-place concrete, painted steel, standing seam metal roofing with matching fascia, and metal downspouts and gutters.

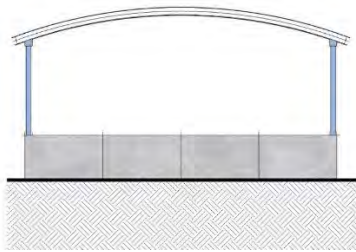


Figure 114- Hydrogen Peroxide Canopy South Elevation

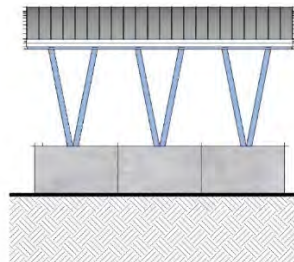


Figure 115- Hydrogen Peroxide Canopy West Elevation

4.3 LANDSCAPE GUIDELINES

plan



Figure 116- Schematic Planting Plan

The landscape design utilizes planting local oak trees and application of native grasses to provide complementary aesthetics to the Walnut Creek WTP while shielding views from the public into the new facilities.

4.3.1 Planting Objectives

Proper selection of drought-tolerant trees and grasses will help minimize water use. The plants selected are considered low-water-use plants. All plants are listed as suitable dry-landscape plants based on guidelines set forth in “Plants and Landscapes for Summer-Dry Climates of the San Francisco Bay Region” (EBMUD, 2004), and the “Re-scape / Bay-Friendly Landscape Guidelines,” both known and reputable reference sources in the landscape industry in Northern California. In addition, all irrigation for this landscape is to be low-flow and will be compliant with both the State’s Model Water Efficient Landscape Ordinance (MWELO) (2015).

A second objective is the reduction of storm water runoff. Stormwater runoff will be directed to the planting areas on site to the fullest extent possible to maximize stormwater recharge of soils. Plant areas that can catch runoff will minimize the flow of water into storm drain structures and will also enhance compliance with C.3 treatment measures.

4.3.2 Site Landscape Planting

Existing vegetation on the site provides screening to the existing facilities with minimal landscaping needed to screen the proposed facilities. Additionally, minimal landscaping is needed to screen the proposed facilities as the Project Team determined that views into the site will not change significantly.

Potential plant species have been selected based on their native status with the goal of creating an aesthetically pleasing and view shielding planting design. Coast Live Oak (*Quercus agrifolia*) and Valley Oak (*Quercus lobata*) are proposed species as they are low water use and California natives. Additionally, the Coast Live Oak evergreen will provide year-round screening. See Figure 117 and Figure 118.

A standard hydroseed mix of native grasses is proposed underneath the new tree plantings. See Figure 119, Figure 120, Figure 121, Figure 122, Figure 123, and Figure 124.

Proposed planting is located in the northwest portion of the Walnut Creek WTP site in front of the new Gravity Thickeners, Thickened Solids Pumping Plants and Solids Dewatering Building. Planting the selected trees and grasses here will provide screening of the retaining wall and structures required for these facilities. Planting in front of the new Gravity Thickeners provides the maximum visual shielding into the site – planting along the northern trails does not provide adequate shielding of the proposed facilities. Trees would be planted in areas with suitable slope conditions, which must be less than a 3:1 slope to allow planting of trees in boxes. Tree plantings would be spaced to leave room for a bioretention basin north of the Gravity Thickeners, which is needed to manage stormwater runoff.

Trees are recommended to be 24-inch box size. A 24-inch box tree provides the greatest balance between tree size at installation and eventual adaptability and success. Temporary irrigation (up to approximately 5 years) would be required to establish the trees. Smaller trees, while often better able to respond to transplant stress due to smaller, less constrained root systems, take time to provide the needed vegetative screening. Larger trees, while providing a more immediate visual impact, typically have a slower growth rate and are more commonly affected by transplant stress, root damage, and general structural damage.

Existing healthy native and non-invasive trees would be retained where compatible with Project objectives. Some trees, regardless of health, require removal for Project construction.



Figure 117 - *Quercus agrifolia*



Figure 118- *Quercus lobata*



Figure 119- *Nasella pulchra*



Figure 120- *Poa secunda secunda*



Figure 121- *Festuca rubra*



Figure 122- *Festuca idahoensis*



Figure 123- *Vulpia microstachys*



Figure 124- *Hordeum californicum*

PROPOSED PLANTINGS			
Scientific Name	Common Name	Type	QTY
<i>Quercus agrifolia</i>	Coast Live Oak	Tree	9
<i>Quercus lobata</i>	Valley Oak	Tree	9
<i>Nasella pulchra</i>	Purple Needle Grass	Hydroseed	TBD
<i>Poa secunda secunda</i>	Slender Bluegrass	Hydroseed	TBD
<i>Festuca rubra</i>	Red Fescue	Hydroseed	TBD
<i>Festuca idahoensis</i>	Idaho Fescue	Hydroseed	TBD
<i>Vulpia microstachys</i>	Small Fescue	Hydroseed	TBD
<i>Hordeum californicum</i>	California Meadow Barley	Hydroseed	TBD

4.3.3 Tree Spacing and Pruning

To minimize site maintenance, tree spacings are set to reduce the need for frequent tree branch thinning or pruning. This approach not only reduces the extent of ongoing landscape maintenance required, but also allows for better visual surveillance.

Appendix D - Arborist Condition Reports

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EAST BAY MUNICIPAL UTILITY DISTRICT
WALNUT CREEK WATER TREATMENT PLANT PRETREATMENT
PROJECT
ARBORIST CONDITION REPORT

JULY 2021

PREPARED FOR:



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- Attachment A: Tree Survey Results Summary
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1 – PROJECT OVERVIEW

Insignia Environmental (Insignia) was subcontracted through Woodard & Curran to prepare an Arborist Condition Report (report) for East Bay Municipal Utility District’s (EBMUD’s) Walnut Creek Water Treatment Plant (WCWTP) Pretreatment Project (Project), which is located at 2201 Larkey Lane in the City of Walnut Creek, California. The purpose of the Project is to increase the WCWTP treatment capacity from 115 million gallons per day (MGD) to 160 MGD and to improve reliability to accommodate changes in raw water quality due to droughts and fires in the watershed. As shown in **Figure 1: Project Overview Map**, the Project is located on an approximately 50-acre site that is surrounded by the Acalanes Ridge open space to the north, west, and south and a residential community to the east.

2 – SCOPE OF REPORT

This report is intended to provide reference information to inform site planning, as well as provide reference information for the Project’s Aesthetics Conceptual Design Report and the Biological Resources section of the Environmental Impact Report. More specifically, this report details the findings from the arborist evaluation tree survey (survey), which was conducted by Casey Clark, an Insignia arborist and biologist, on May 18, 2021. During the survey, the location, species, tree protection designation, and general health condition were recorded for each tree, as well as whether the tree is native or non-native and whether the tree is invasive. Further, this report includes a summary of the City of Walnut Creek’s tree protection ordinances; recommendations for tree removal based on health and hazard potential; maps and tables showing tree locations, species, and health; an evaluation of potential construction and operation effects on trees inventoried; and preliminary guidelines for tree protection and preservation.

3 – TREE PROTECTION ORDINANCES

Pursuant to California Government Code section 53091, EBMUD—as a local agency and utility district serving a broad regional area—is not subject to building and land use zoning ordinances (e.g., tree ordinances) for projects involving facilities for the production, generation, storage, or transmission of water. However, it is the practice of EBMUD to work with local jurisdictions and neighboring communities during project planning, and to consider local environmental protection policies for guidance. For that reason, the City of Walnut Creek’s tree protection ordinances are summarized within this section and are incorporated into this report.

3.0 DEFINITIONS

The Walnut Creek Municipal Code provides protection for all trees and requires a permit for removal, along with additional protection measures for any tree. According to section 3-8.02 of the Walnut Creek Municipal Code, a tree is defined as the following:

“Tree¹ means any live woody plant having a single perennial stem of 28 inches or more in circumference² or multi-stemmed perennial plant having an aggregate circumference of 40 inches³ or more measured 4.5 feet above the natural grade⁴. A multi-stemmed plant having one stem of 28 inches or more in circumference shall also be considered to meet this definition. Tree shall also include a tree of any size which is part of a grove⁵.”

The Walnut Creek Municipal Code also provides for further protection and preservation measures of highly protected trees, which are defined as the following:

“Highly Protected Tree shall mean any tree which is any of the following type of tree: Valley oak (*Quercus lobata*), blue oak (*Quercus douglasii*), coast live oak (*Quercus agrifolia*), California black oak (*Quercus kelloggii*), canyon live oak (*Quercus chrysolepis*), interior live oak (*Quercus wilizeni* var. *wilizeni*), madrone (*Arbutus menziesii*), California buckeye (*Aesculus californica*), California black walnut (*Juglans hindsii*), and grey pine (*Pinus sabiniana*).”

3.1 TREE REMOVAL PERMIT REQUIREMENTS

Sections 3-8.03 and 3-8.04 of the Walnut Creek Municipal Code require the following:

- “No person shall cut down, destroy or remove any tree(s) growing within the City limits from any property without a tree removal permit, except as provided herein.”
- “Notwithstanding any other provision of this chapter, whenever the Director⁶ determines that a tree(s) is in a hazardous or dangerous condition requiring immediate action for the safety of structures or human life, such tree(s) may be removed by written permission of the Director.”
- “Any person desiring to cut down, destroy or remove one or more trees on any property in the City of Walnut Creek shall file an application for a tree removal permit with the Director. If the tree removal does not involve development, the application shall be filed not less than 10 days prior to the time desired for the physical removal of the tree. If the tree removal involves development, the applicant shall (1) review the proposed development with the Director to determine which trees should be preserved before design drawings are begun and (2) file the application concurrently with the first application for approval of the development.”

¹ For the purposes of this report, the Walnut Creek Municipal Code’s definition of a tree will be referred to as a “protected tree” hereafter.

² A tree with a circumference of 28 inches has a diameter of approximately 8.9 inches.

³ A tree with a circumference of 40 inches has a diameter of approximately 12.75 inches.

⁴ The measurement of 4.5 feet above the natural grade is the standard height used to take the diameter or circumference of a tree and is commonly referred to as diameter at breast height (DBH).

⁵ As defined in the Walnut Creek Municipal Code, a grove includes three or more trees of any size that are part of an integral cover with stems having an aggregate circumference of 40 inches or more measured 4.5 feet above the natural grade.

⁶ The Director would be the Public Services Director or his or her designee.

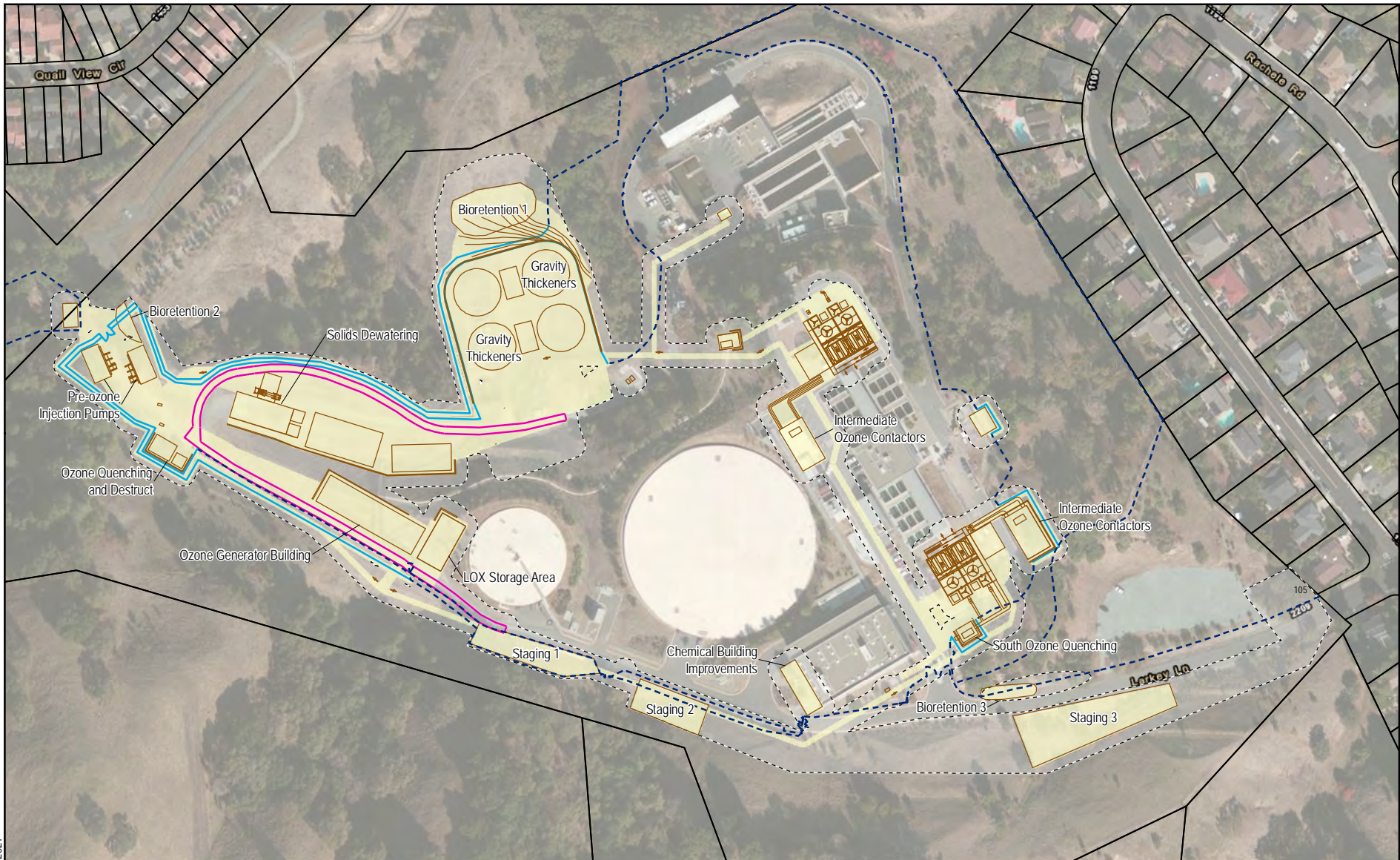


Figure 1: Project Overview

WCWTP Pretreatment Project

- Future Road
- New Fence
- - - Existing Fence
- Proposed Development Area
- Survey Area
- Parcel

1 inch = 240 feet
 0 100 200 Feet



Z:\Projects\EBMUD_WCWTP\MXD\Overview.mxd 7/20/2021

3.2 PRESERVATION AND MAINTENANCE OF EXISTING TREES

As defined in section 3-8.05 of the Walnut Creek Municipal Code, the following regulations apply to all trees that are not to be removed regardless of whether new development would occur, or other trees have been approved for removal. The construction limits, as defined within the Walnut Creek Municipal Code, are synonymous with the proposed development areas, which are referred to throughout this report.⁷

- “Demolition and Grading. Prior to and during any demolition, grading or construction, all trees within the construction limits for any project shall be protected by a six-foot-high chain link (or other material approved by the Director) fence installed around the dripline⁸ of each tree. All fence sections shall be clearly marked with a sign stating ‘This is a Tree Protection Zone (TPZ) and no one is allowed to disturb this area.’ The sign shall also list contact information for the contractor and the arborist and clearly state that a violation of the TPZ will result in a stop work order. No oils, gas, chemicals, liquid waste, solid waste, heavy construction machinery or other construction materials shall be stored or allowed to stand within the dripline of any tree. No equipment may be washed within the dripline of any tree.
- Excavation and Construction within Dripline. Excavation and construction around trees shall be subject to the following regulations:
 - Activities Requiring Director Approval. The existing ground within the dripline of any tree shall not be cut, filled or compacted unless otherwise approved by the Director. Excavation adjacent to any tree when permitted shall be in such a manner so as to minimize root damage. Inspection shall be required prior to backfilling. Utility services, drainage lines – sewer, sub-drains, irrigation lines, and any services requiring excavation shall be designed to stay outside the dripline of existing trees when at all feasible. If excavation for such lines is permitted within the dripline, it should be radial to the tree as much as possible. Tunneling, boring, hydraulic or high-pressure air trenching, rather than trenching, shall be the favored means of installation. Being the closest distance between two points does not justify encroaching within the dripline of a tree.
 - Activities Requiring Dripline Encroachment Permit. The following shall be prohibited unless permitted by a dripline encroachment permit, which shall be approved or denied in the same manner as a tree removal permit: (i) mechanical excavation within the dripline of any tree; (ii) the construction or installation of any structure, foundation, paving or other similar improvement within the dripline of any tree; or (iii) any intentional or incidental soil compaction, or application of fill soil 4 inches or greater in depth within the dripline of any tree.

⁷ The construction limits are defined within the Walnut Creek Municipal Code as “the location on a property where any construction activity would occur, including demolition, grading, building construction, stockpiling, storage, access, landscaping, installation of utility services, sub-drains, water, sewer, or underground services.”

⁸ The dripline refers to the largest outside perimeter of the canopy of a tree.

- Attachments. No signs or wires, except those needed for support of the tree, shall be attached to any tree.
- Herbicides. Any herbicides placed under paving materials must be safe for use around trees and labeled for that use.
- Damage. The Director shall be notified by the owner, developer, contractor or any agent thereof of any damage that occurs to a tree during construction so that professional methods of treatment accepted by the Director may be administered. The repair of the damage shall be at the expense of the responsible party and shall be by professional standards, approved by the Director. Failure to comply will result in a stop work order.
- Project Arborist. The Director shall require a registered consulting arborist, board certified master arborist, or certified arborist retained by the developer to be on site at such times during development as the Director determines appropriate. The approved arborist shall provide the Director his or her qualifications along with a written certification that he or she has reviewed this chapter and will abide by it. Following completion of the development, the registered consulting arborist, board certified master arborist, or certified arborist shall certify that the development was performed properly in conformance with this chapter and good forestry practices. (§1, Ord. 943, eff. 1/1/69; §1, Ord. 1083, eff. 10/7/71; §1 (part), Ord. 1303, eff. 3/31/77; §1, Ord. 1688, eff. 7/22/88; §1, Ord. 1852, eff. 2/9/95; §2, Ord. 1966, eff. 8/31/00; §1, Ord. 2093, eff. 11/5/10)”

3.3 PRUNING

As defined in section 3-8.06 of the Walnut Creek Municipal Code, the following regulation applies to all trees requiring pruning:

- “The pruning of any tree shall be performed when and only when it enhances its structural strength, health, general appearance or for safety reasons. Any pruning must be consistent with good pruning practice as outlined by the current edition of the International Society of Arboriculture’s Tree-Pruning Guidelines and the current edition of the A-300 Standard of the American National Standards Institute and not harm the tree, structurally or aesthetically. All pruning of all *highly protected trees* shall be performed by a board-certified master arborist, certified arborist or a certified tree worker. All trees to be retained as part of a new development project shall be cleared of dead wood of a diameter greater than one inch and parasites.”

3.4 PRESERVATION AND MAINTENANCE OF EXISTING TREES DURING DEVELOPMENT

As defined in section 3-8.07 of the Walnut Creek Municipal Code, the following regulations apply during development to all trees that are not to be removed:

- “Appraisal. Prior to receipt of any demolition, grading, site development, or building permit, the applicant shall obtain a tree appraisal for all trees within the construction limits of the development.

- **Final Arborist Report.** The applicant shall submit a final arborist report of all trees on site prior to final inspection of the development or certificate of occupancy. The final report shall document the tree preservation methods implemented during construction and evaluate the post-construction health of all trees on site. If the health of any tree deteriorates to such a degree that it results in continued decline and/or death.
- **Guarantee Period.** Upon issuance of the first City permit which authorizes work on the site, the applicant shall guarantee the health of all trees to be preserved on or in the vicinity of the site. The health of all trees required to remain on or in the vicinity of the site shall be guaranteed from the date the guarantee is first filed with the Director until 3 years after the final inspection of the development or issuance of the certificate of occupancy, if any, whichever is later. The health of any tree which is identified for temporary stockpiling shall be guaranteed for a period beginning with the date the guarantee is first filed with the Director until 2 years after the date the tree is replanted. The guarantee shall include the applicant’s agreement to:
 - Remove and replace any tree which was to be saved but either dies, or the health and/or condition of the tree(s) deteriorates to such a degree that in the opinion of the Director will continue to decline, during the guarantee period with a tree of the same species as close in size as is reasonably possible within such time and in such manner as is determined by the Director.
 - Relocate and maintain, during construction, those trees which have been identified for temporary stockpiling. These trees shall be maintained by a licensed nurseryman. (§1, Ord. 943, eff. 1/1/69; §1, Ord. 1083, eff. 10/7/71; §1 (part), Ord. 1303, eff. 3/31/77; §1, Ord. 1688, eff. 7/22/88; §1, Ord. 1852, eff. 2/9/95; §2, Ord. 1966, eff. 8/31/00; §1, Ord. 2093, eff. 11/5/10)”

4 – SURVEY METHODS

As depicted in **Figure 1: Project Overview Map**, the approximately 13.4-acre survey area provided by EBMUD includes all of the Project’s proposed development areas.

All trees within and immediately adjacent to the survey area were surveyed for this report if the tree had at least one woody trunk with a diameter at breast height (DBH) of at least 6 inches, a multi-stemmed tree with an aggregate DBH of at least 12.75 inches, or if the trees were part of a grove. Information regarding the tree species, origin (i.e., whether it is native, non-native, or invasive), protected tree class, DBH, general health condition, removal recommendation, and tree preservation recommendations were determined in the field and logged in a digital data collection form. Each tree’s number was sequential to the survey path, and the location was collected as close to the base of the trunk as possible using a submeter-accurate Global Positioning System device. DBH measurements were taken with either a diameter tape or a Biltmore stick and were taken in accordance with American Forests Champion Tree Measurement Guidelines (American Forests 2015). The health condition of each tree was

evaluated by using a basic visual inspection method, and the arborist assigned one of the following general condition ratings to each tree:

- **Good:** Overall good tree vigor⁹, healthy foliage and cambium,¹⁰ and no significant defects. The location is optimal for the tree, and the tree will survive long term.
- **Fair:** Overall moderate tree vigor, and no serious defects or infestations. Further tree decline is not expected, but the tree's location is not optimal for that species.
- **Declining due to abiotic factors (DDAF):** Overall poor tree vigor due to abiotic factors, such as water, light, and nutrients. Typically, poor vigor results when a tree is outcompeted by other vascular plants, or the tree is in the wrong location. A DDAF tree will likely not survive long term.
- **Dead:** The tree is dead or very close to death and will not recover.

Individual tree ratings consider a variety of factors, including overall tree vigor, foliage condition, cambium condition, evidence of decay, insect or disease infestations, and any other notable structural defects. The survey was limited to visual examination of accessible parts without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that problems or deficiencies regarding the trees discussed in this report may not arise in the future.

Removal recommendations were based on the tree's health condition and its hazard potential. In general, if the tree is dead or declining, but is located within a natural area with low to no human traffic, the tree was not recommended for removal. Dead trees (i.e., snags) provide wildlife habitat that could further benefit the ecosystem during decomposition. However, if the tree is located within a high-traffic area and is dead or declining, removal would be recommended.

Each tree was then assigned one of three construction impact codes using the following categories:

- **Potential Impacts Possible, Protection Recommended:** This designation was given to all protected trees (as defined in the Walnut Creek Municipal Code) whose trunks, and less than 40 percent of their driplines, are located outside of a proposed development area.¹¹ Tree protection measures are recommended for these trees to preserve their aesthetic quality and health.
- **Potential Impacts Possible, Non-Protected Tree, Preservation not Warranted:** The tree's trunk, or at least 40 percent of its dripline, is located within a proposed development area;

⁹ Vigor refers to the force of healthy growth in any living matter or organism.

¹⁰ Cambium is the cellular plant tissue in woody plants from which phloem, xylem, or cork grows by division, resulting in secondary growth. Cambium is the layer just inside the tree's bark.

¹¹ The proposed development areas include any Project area that involves the permanent installation of a new feature or the modification of an existing area. This includes, but is not limited to, any area that would be graded, filled, paved, or trenched as a part of the Project in support of the development of new facilities, staging areas, fences, roads, and bioretention areas.

however, the tree does not meet the City of Walnut Creek’s tree protection criteria; therefore, preservation is not warranted.

- None: It is very unlikely that the tree would be affected by Project development. A tree with this designation either has a dripline that is entirely located outside of the survey area, or the tree is dead or declining.
- Severe Expected - Removal Required:¹² The tree’s trunk, or at least 40 percent of the tree’s dripline, lies directly within a proposed development area.

5 – SURVEY RESULTS

Twelve different species and a total of 189 trees were documented during the survey. Twenty-one of these trees are located outside of, but immediately adjacent to the survey area, and 86 of these trees are located within a proposed development area;¹³ the remaining 82 trees were located outside of proposed development areas, but within the survey area. **Table 1: Trees Documented by Species within the Survey Area** lists the total number of each species documented, their origin, and their California Invasive Plant Council (Cal-IPC) listing (which categorizes invasive plants that threaten California’s natural areas), if applicable.

Table 1: Trees Documented by Species within the Survey Area

Tree Species	Origin	Cal-IPC Listing	Count
Aleppo pine (<i>Pinus halepensis</i>)	Non-native	None	35
Blue gum eucalyptus (<i>Eucalyptus globulus</i>)	Non-native	Limited	2
Buckeye (<i>Aesculus californica</i>)	Native	None	1
Chinese pistache (<i>Pistacia chinensis</i>)	Non-native	None	2
Coast live oak (<i>Quercus agrifolia</i>)	Native	None	62
Flannel bush (<i>Fremontodendron californicum</i>)	Native	None	1
Holly leaf cherry (<i>Prunus ilicifolia</i>)	Native	None	1
Olive (<i>Olea europaea</i>)	Non-native	Limited	1
Peruvian pepper tree (<i>Schinus molle</i>)	Non-native	Limited	21
Raywood ash (<i>Fraxinus angustifolia</i>)	Non-native	None	6
Toyon (<i>Heteromeles arbutifolia</i>)	Native	None	1
Valley oak (<i>Quercus lobata</i>)	Native	None	56

¹² This removal designation is preliminary, and a final determination for tree removal should be made by a licensed arborist once the final construction designs are made available.

¹³ A tree is listed as being within a proposed development area if its trunk, or at least 40 percent of its dripline, is within or intersects a proposed development area.

Three different species of trees documented on the property have a Cal-IPC listing category of Limited.¹⁴ However, none of these species are spreading invasively within the survey area and therefore should not be considered invasive trees for the Project. No trees were recommended for removal based on their health condition and hazard potential within the survey area; however, 86 trees may require removal based on their proximity to a proposed development area. The trees that may require removal due to their potential for severe construction impacts (i.e., the trunk or at least 40 percent of the dripline of a tree is located within or adjacent to a proposed development area) are listed in **Table 2: Trees with Severe Impacts Expected that May Require Removal**.

A summary of all 189 trees inventoried is provided with this report in **Attachment A: Tree Survey Results Summary**. **Attachment A: Tree Survey Results Summary** lists each tree sequentially by number and includes its species, origin, DBH, tree protection designation, general health condition rating, proximity to the Project, potential construction impacts, and preservation recommendations. Specific comments regarding individual trees are included where relevant. A map summarizing the information is presented in **Attachment B: Results Maps**.

6 – TREE PROTECTION AND PRESERVATION

Once the final design of the Project’s construction plans is available, the plans should be reviewed by the Project arborist to make a final recommendation regarding which trees can be retained and which should be removed. To maximize the survivability of trees to be retained, a Tree Protection Plan should be developed and implemented prior to the commencement of any construction activities, in consultation with EBMUD and in consideration of EBMUD practices and procedures.

7 – REFERENCES

American Forests. 2015. American Forests Champion Tree Measurement Guidelines. Available online at https://www.americanforests.org/wp-content/uploads/2014/12/AF-Tree-Measuring-Guidelines_LR.pdf. Accessed on May 24, 2021.

Cal-IPC. 2021. The Cal-IPC Inventory. Available online at <https://www.cal-ipc.org/plants/inventory/>. Accessed on May 24, 2021.

City of Walnut Creek. 2021. Walnut Creek Municipal Code. Available online at <https://www.codepublishing.com/CA/WalnutCreek/>. Accessed on May 24, 2021.

Colorado State University. 2020. Protecting Trees During Construction. Available online at <https://extension.colostate.edu/docs/pubs/garden/07420.pdf>. Accessed on May 24, 2021.

¹⁴ According to the Cal-IPC, tree species in the “Limited” category are invasive, but their ecological impacts are minor on a statewide level or there is not enough information to justify a higher score. Their reproductive biology and other attributes result in low to moderate rates of invasiveness. Ecological amplitude and distribution are generally limited, but these species may be locally persistent and problematic.

Table 2: Trees with Severe Impacts Expected that May Require Removal

Tree Number	Species	Protected Tree ¹⁵	Highly Protected Tree ¹⁶	DBH	Health Condition	General Location
1	Aleppo pine	Yes	No	22	Fair health	East Intermediate Ozone Contractor
9	Coast live oak	Yes	Yes	6	Good health	South Ozone Quenching
10	Coast live oak	Yes	Yes	9	Good health	
11	Aleppo pine	Yes	No	9	Good health	
12	Aleppo pine	Yes	No	29	Good health	North Ozone Quenching
23	Aleppo pine	Yes	No	19	Good health	
29	Valley oak	Yes	Yes	17	Good health	Gravity Thickeners
30	Valley oak	Yes	Yes	14	Good health	
31	Valley oak	Yes	Yes	15	Good health	
32	Valley oak	Yes	Yes	9	Good health	
33	Buckeye	Yes	Yes	19	Good health	
34	Coast live oak	Yes	Yes	15	Good health	
35	Coast live oak	Yes	Yes	8	Good health	
39	Aleppo pine	No	No	8	Good health	LOX Storage area
40	Aleppo pine	No	No	7	Good health	
41	Aleppo pine	No	No	6	Good health	
43	Aleppo pine	No	No	6	Good health	
45	Peruvian pepper tree	Yes	No	14	Good health	Chemical Building Improvements Area
46	Peruvian pepper tree	Yes	No	8	Good health	
47	Peruvian pepper tree	Yes	No	7	Good health	
48	Chinese pistache	No	No	6	Good health	LOX Storage Area

¹⁵ According to the Walnut Creek Municipal Code, a tree (i.e., a protected tree) is defined as a live woody plant with a DBH of 8.9 inches or more or a multi-stemmed perennial plant with an aggregate DBH of 12.75 inches or more. A multi-stemmed plant having one stem with a DBH of 8.9 inches or more will also be considered to meet this definition. A tree of any size which is part of a grove is also considered protected. A grove is defined as three or more trees of any size that are part of an integral cover with stems having an aggregate DBH of 12.75 inches or more.

¹⁶ According to the Walnut Creek Municipal Code, a protected tree will be considered highly protected if it is a valley oak, blue oak, coast live oak, California black oak, canyon live oak, interior live oak, madrone, California buckeye, California black walnut, or grey pine.

Tree Number	Species	Protected Tree ¹⁵	Highly Protected Tree ¹⁶	DBH	Health Condition	General Location
49	Peruvian pepper tree	Yes	No	11	Good health	Chemical Building Improvements Area
50	Peruvian pepper tree	Yes	No	20	Good health	
52	Peruvian pepper tree	No	No	6	Good health	
54	Peruvian pepper tree	Yes	No	8	Fair health	
55	Peruvian pepper tree	Yes	No	12	Fair health	
56	Raywood ash	No	No	6	Good health	West of the WCWTP Entrance Gate
59	Raywood ash	No	No	6	Good health	
60	Raywood ash	Yes	No	9	Good health	
61	Raywood ash	Yes	No	11	Good health	
67	Coast live oak	Yes	Yes	6	Good health	Bioretention Facility 3
69	Valley oak	Yes	Yes	14	Good health	Staging Area 3
72	Peruvian pepper tree	Yes	No	15	Good health	
73	Peruvian pepper tree	Yes	No	9	Good health	
74	Peruvian pepper tree	Yes	No	7	Fair health	
75	Peruvian pepper tree	Yes	No	8	Fair health	
76	Peruvian pepper tree	Yes	No	15	Good health	
77	Peruvian pepper tree	Yes	No	5	Good health	
78	Peruvian pepper tree	Yes	No	17	Good health	
79	Peruvian pepper tree	Yes	No	11	Good health	
80	Peruvian pepper tree	Yes	No	6	Good health	
81	Valley oak	Yes	Yes	21	Good health	
82	Coast live oak	Yes	Yes	16	Good health	
85	Coast live oak	Yes	Yes	12	Good health	
127	Coast live oak	Yes	Yes	8	Good health	South of the Chemical Building Improvements Area
128	Coast live oak	Yes	Yes	10	Good health	

Tree Number	Species	Protected Tree ¹⁵	Highly Protected Tree ¹⁶	DBH	Health Condition	General Location
131	Coast live oak	Yes	Yes	7	Good health	Along the southern proposed fence line near the Ozone Generator Building
132	Coast live oak	Yes	Yes	10	Good health	
133	Coast live oak	Yes	Yes	9	Good health	
134	Coast live oak	Yes	Yes	9	Good health	
136	Coast live oak	Yes	Yes	8	Good health	
137	Valley oak	Yes	Yes	7	Good health	
138	Coast live oak	Yes	Yes	9	Good health	
139	Coast live oak	Yes	Yes	6	Good health	
142	Valley oak	No	Yes	6	Fair health	
143	Valley oak	Yes	Yes	11	Good health	
144	Coast live oak	Yes	Yes	7	Good health	
145	Coast live oak	Yes	Yes	10	Good health	
146	Valley oak	No	No	6	Good health	
147	Valley oak	Yes	Yes	17	Good health	
148	Valley oak	No	No	6	Good health	
149	Valley oak	Yes	Yes	16	Good health	
150	Coast live oak	Yes	Yes	7	Good health	
151	Valley oak	Yes	Yes	8	Good health	
152	Valley oak	Yes	Yes	9	Good health	
154	Coast live oak	No	No	6	Good health	

Tree Number	Species	Protected Tree ¹⁵	Highly Protected Tree ¹⁶	DBH	Health Condition	General Location
156	Coast live oak	Yes	Yes	8	Good health	Pre-Ozone Injection Pumps Area
158	Valley oak	Yes	Yes	6	Good health	
159	Aleppo pine	Yes	No	10	Good health	
160	Coast live oak	Yes	Yes	6	Good health	
164	Coast live oak	Yes	Yes	12	Good health	
165	Aleppo pine	Yes	No	21	Good health	
167	Aleppo pine	Yes	No	32	Good health	
168	Aleppo pine	Yes	No	29	Good health	
169	Aleppo pine	Yes	No	28	Good health	
170	Coast live oak	Yes	Yes	6	Good health	
171	Coast live oak	Yes	Yes	12	Good health	
172	Valley oak	Yes	Yes	13	Good health	
173	Coast live oak	Yes	Yes	17	Good health	
174	Aleppo pine	Yes	No	31	Good health	
175	Valley oak	Yes	Yes	11	Good health	
176	Coast live oak	Yes	Yes	12	Good health	
178	Aleppo pine	Yes	No	6	Good health	
179	Aleppo pine	Yes	No	6	Good health	
180	Valley oak	Yes	Yes	26	Good health	Along the northern proposed fence line near the Solids Dewatering Building
182	Coast live oak	Yes	Yes	18	Fair health	

ATTACHMENT A: TREE SURVEY RESULTS SUMMARY

ATTACHMENT A: TREE SURVEY RESULTS SUMMARY

Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree ¹	Highly Protected Tree ²	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
1	Aleppo pine (<i>Pinus halepensis</i>)	Non-native	22	Yes	No	Fair health	Within Proposed Development Area ³	Severe Expected - Removal Required	Three codominant stems with a DBH of 22,18, and 18 inches.
2	Blue gum eucalyptus (<i>Eucalyptus globulus</i>)	Non-native	39	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
3	Blue gum eucalyptus	Non-native	23	Yes	No	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	
4	Aleppo pine	Non-native	13	Yes	No	Good health	Adjacent to Survey Area	None	
5	Aleppo pine	Non-native	9	Yes	No	Good health	Adjacent to Survey Area	None	
6	Aleppo pine	Non-native	40	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
7	Flannel bush (<i>Fremontodendron californicum</i>)	Native	6	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
8	Aleppo pine	Non-native	7	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
9	Coast live oak (<i>Quercus agrifolia</i>)	Native	6	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
10	Coast live oak	Native	9	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
11	Aleppo pine	Non-native	9	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	Three codominant stems with a DBH of 8, 8, and 9 inches.
12	Aleppo pine	Non-native	29	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
13	Valley oak (<i>Quercus lobata</i>)	Native	9	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
14	Valley oak	Native	12	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
15	Aleppo pine	Non-native	39	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
16	Coast live oak	Native	11	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	

¹ According to the Walnut Creek Municipal Code, a tree (i.e., a protected tree) is defined as a live woody plant with a DBH of 8.9 inches or more or a multi-stemmed perennial plant with an aggregate DBH of 12.75 inches or more. A multi-stemmed plant having one stem with a DBH of 8.9 inches or more will also be considered to meet this definition. A tree of any size which is part of a grove is also considered protected. A grove is defined as three or more trees of any size that are part of an integral cover with stems having an aggregate DBH of 12.75 inches or more.

² According to the Walnut Creek Municipal Code, a protected tree will be considered highly protected if it is a valley oak (*Quercus lobata*), blue oak (*Quercus douglasii*), coast live oak (*Quercus agrifolia*), California black oak (*Quercus kelloggii*), canyon live oak (*Quercus chrysolepis*), interior live oak (*Quercus wilizeni* var. *wilizeni*), madrone (*Arbutus menziesii*), California buckeye (*Aesculus californica*), California black walnut (*Juglans hindsii*), or grey pine (*Pinus sabiniana*).

³ A tree is listed as being within a proposed development area if its trunk, or at least 40 percent of its dripline, is within or intersects a proposed development area.

Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree ¹	Highly Protected Tree ²	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
17	Coast live oak	Native	9	Yes	Yes	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	
18	Coast live oak	Native	7	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
19	Coast live oak	Native	11	Yes	Yes	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	
20	Valley oak	Native	8	Yes	Yes	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
21	Valley oak	Native	8	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
22	Coast live oak	Native	10	Yes	Yes	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	
23	Aleppo pine	Non-native	19	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
24	Aleppo pine	Non-native	15	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	Two codominant stems with a DBH of 15 and 12 inches.
25	Coast live oak	Native	13	Yes	Yes	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	Two codominant stems with a DBH of 13 and 11 inches.
26	Valley oak	Native	13	Yes	Yes	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	
27	Coast live oak	Native	17	Yes	Yes	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	
28	Olive (<i>Olea europaea</i>)	Non-native	10	Yes	No	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	Three codominant stems with a DBH of 10, 6 and 6 inches.
29	Valley oak	Native	17	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	Two codominant stems with a DBH of 8 inches.
30	Valley oak	Native	14	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	Two codominant stems with a DBH of 7 and 8 inches.
31	Valley oak	Native	15	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
32	Valley oak	Native	9	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
33	Buckeye (<i>Aesculus californica</i>)	Native	19	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
34	Coast live oak	Native	15	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
35	Coast live oak	Native	8	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
36	Coast live oak	Native	8	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.

Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree ¹	Highly Protected Tree ²	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
37	Aleppo pine	Non-native	11	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
38	Aleppo pine	Non-native	10	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
39	Aleppo pine	Non-native	8	No	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
40	Aleppo pine	Non-native	7	No	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
41	Aleppo pine	Non-native	6	No	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
42	Aleppo pine	Non-native	8	No	No	Good health	Within Survey Area	Potential Impacts Expected - Non-Protected Tree, Preservation not Warranted	
43	Aleppo pine	Non-native	6	No	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
44	Chinese pistache (<i>Pistacia chinensis</i>)	Non-native	6	No	No	Good health	Within Survey Area	Potential Impacts Expected - Non-Protected Tree, Preservation not Warranted	
45	Peruvian pepper tree (<i>Schinus molle</i>)	Non-native	14	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
46	Peruvian pepper tree	Non-native	8	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
47	Peruvian pepper tree	Non-native	7	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
48	Chinese pistache	Non-native	6	No	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
49	Peruvian pepper tree	Non-native	11	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
50	Peruvian pepper tree	Non-native	20	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
51	Peruvian pepper tree	Non-native	16	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
52	Peruvian pepper tree	Non-native	6	No	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
53	Peruvian pepper tree	Non-native	12	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
54	Peruvian pepper tree	Non-native	8	Yes	No	Fair health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
55	Peruvian pepper tree	Non-native	12	Yes	No	Fair health	Within Proposed Development Area	Severe Expected - Removal Required	
56	Raywood ash (<i>Fraxinus angustifolia</i>)	Non-native	6	No	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
57	Raywood ash	Non-native	6	No	No	Good health	Within Survey Area	Potential Impacts Expected - Non-Protected Tree, Preservation not Warranted	
58	Raywood ash	Non-native	5	No	No	Good health	Within Survey Area	Potential Impacts Expected - Non-Protected Tree, Preservation not Warranted	

Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree ¹	Highly Protected Tree ²	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
59	Raywood ash	Non-native	6	No	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
60	Raywood ash	Non-native	9	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
61	Raywood ash	Non-native	11	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
62	Aleppo pine	Non-native	39	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
63	Aleppo pine	Non-native	22	Yes	No	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	
64	Holly leaf cherry (<i>Prunus ilicifolia</i>)	Native	9	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	Four codominant stems each with a DBH of approximately 8 inches.
65	Aleppo pine	Non-native	39	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
66	Valley oak	Native	24	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
67	Coast live oak	Native	6	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
68	Valley oak	Native	18	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
69	Valley oak	Native	14	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
70	Valley oak	Native	24	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
71	Valley oak	Native	6	Yes	Yes	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
72	Peruvian pepper tree	Non-native	15	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
73	Peruvian pepper tree	Non-native	9	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
74	Peruvian pepper tree	Non-native	7	Yes	No	Fair health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
75	Peruvian pepper tree	Non-native	8	Yes	No	Fair health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
76	Peruvian pepper tree	Non-native	15	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
77	Peruvian pepper tree	Non-native	5	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
78	Peruvian pepper tree	Non-native	17	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
79	Peruvian pepper tree	Non-native	11	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
80	Peruvian pepper tree	Non-native	6	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.

Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree ¹	Highly Protected Tree ²	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
81	Valley oak	Native	21	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
82	Coast live oak	Native	16	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
83	Coast live oak	Native	8	No	No	Fair health	Within Survey Area	Potential Impacts Expected - Non-Protected Tree, Preservation not Warranted	
84	Coast live oak	Native	18	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
85	Coast live oak	Native	12	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
86	Valley oak	Native	7	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
87	Coast live oak	Native	9	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
88	Coast live oak	Native	6	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
89	Coast live oak	Native	11	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
90	Coast live oak	Native	5	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
91	Coast live oak	Native	8	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
92	Coast live oak	Native	9	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
93	Coast live oak	Native	8	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
94	Valley oak	Native	8	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
95	Valley oak	Native	5	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
96	Coast live oak	Native	11	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
97	Coast live oak	Native	7	No	No	Good health	Within Survey Area	Potential Impacts Expected - Non-Protected Tree, Preservation not Warranted	
98	Coast live oak	Native	6	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
99	Valley oak	Native	9	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
100	Valley oak	Native	9	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	

Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree ¹	Highly Protected Tree ²	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
101	Valley oak	Native	11	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
102	Coast live oak	Native	10	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
103	Valley oak	Native	28	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
104	Valley oak	Native	22	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
105	Valley oak	Native	18	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
106	Aleppo pine	Non-native	24	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
107	Valley oak	Native	20	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
108	Valley oak	Native	9	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
109	Valley oak	Native	12	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
110	Valley oak	Native	23	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
111	Peruvian pepper tree	Non-native	5	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
112	Peruvian pepper tree	Non-native	14	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
113	Coast live oak	Native	12	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
114	Coast live oak	Native	9	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
115	Valley oak	Native	32	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
116	Valley oak	Native	5	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
117	Toyon (<i>Heteromeles arbutifolia</i>)	Native	12	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	Multi-stemmed tree with an aggregate DBH that exceeds 12.75 inches.
118	Valley oak	Native	11	Yes	Yes	Fair health	Within Survey Area	Potential Impacts Possible - Protection Recommended	

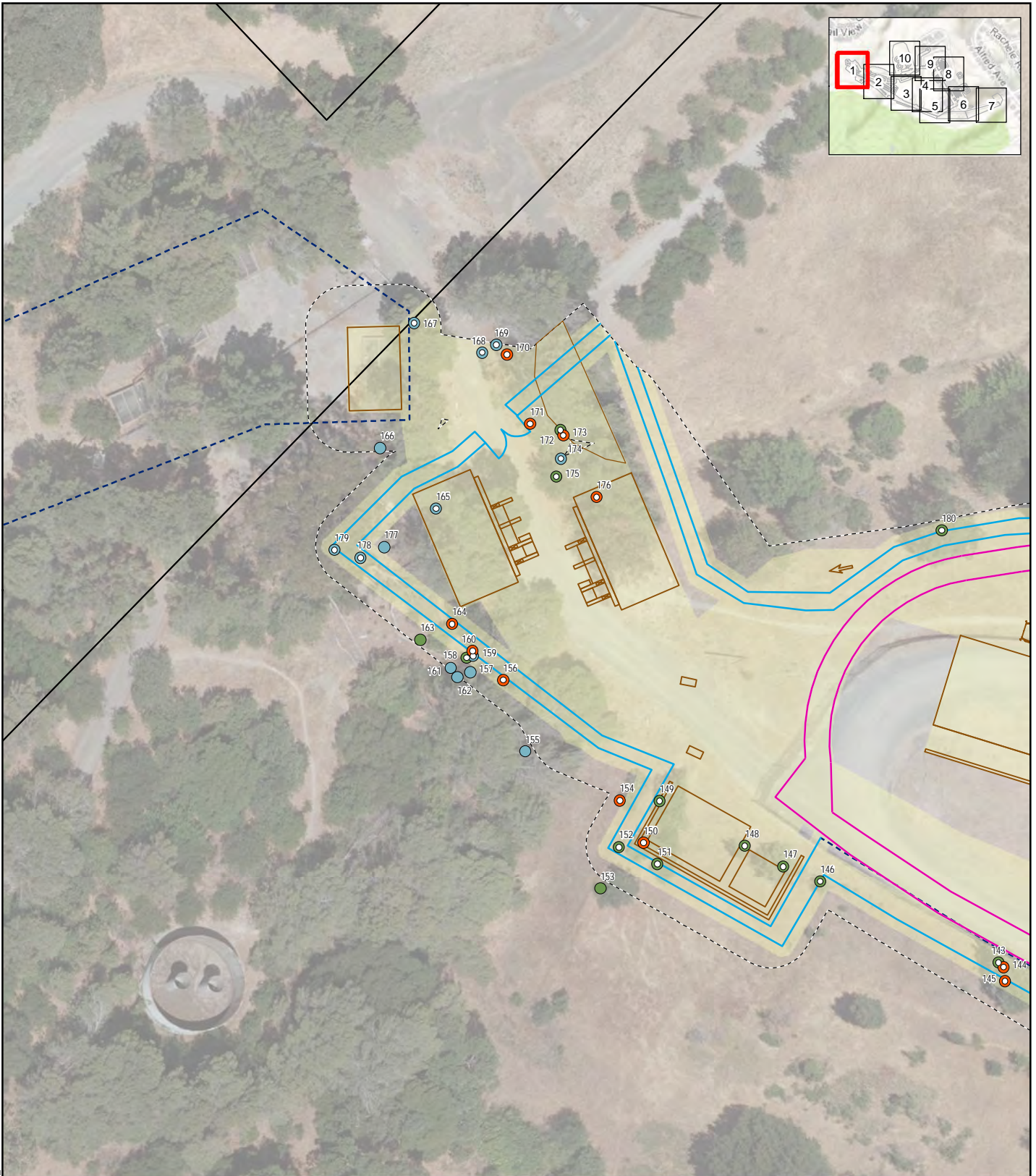
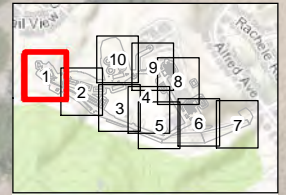
Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree ¹	Highly Protected Tree ²	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
119	Coast live oak	Native	5	No	No	Good health	Within Survey Area	Potential Impacts Expected - Non-Protected Tree, Preservation not Warranted	
120	Coast live oak	Native	16	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
121	Coast live oak	Native	9	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
122	Valley oak	Native	10	Yes	Yes	Fair health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
123	Valley oak	Native	14	Yes	Yes	Declining due to abiotic factors	Within Survey Area	None	Multi-stemmed tree with an aggregate DBH of 14 inches. The tree is rapidly declining; therefore, preservation is not necessary.
124	Coast live oak	Native	10	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
125	Coast live oak	Native	9	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
126	Coast live oak	Native	9	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
127	Coast live oak	Native	8	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
128	Coast live oak	Native	10	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
129	Valley oak	Native	16	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	Two codominant stems with a DBH of 16 and 11 inches.
130	Valley oak	Native	11	Yes	Yes	Good health	Adjacent to Survey Area	None	
131	Coast live oak	Native	7	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
132	Coast live oak	Native	10	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
133	Coast live oak	Native	9	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
134	Coast live oak	Native	9	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
135	Coast live oak	Native	11	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
136	Coast live oak	Native	8	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
137	Valley oak	Native	7	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
138	Coast live oak	Native	9	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	

Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree ¹	Highly Protected Tree ²	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
139	Coast live oak	Native	6	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
140	Coast live oak	Native	8	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
141	Valley oak	Native	8	Yes	Yes	Good health	Adjacent to Survey Area	None	This tree is considered protected because it is a part of a grove.
142	Valley oak	Native	6	No	No	Fair health	Within Proposed Development Area	Severe Expected - Removal Required	
143	Valley oak	Native	11	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
144	Coast live oak	Native	7	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
145	Coast live oak	Native	10	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
146	Valley oak	Native	6	No	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
147	Valley oak	Native	17	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
148	Valley oak	Native	6	No	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
149	Valley oak	Native	16	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
150	Coast live oak	Native	7	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
151	Valley oak	Native	8	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
152	Valley oak	Native	9	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
153	Valley oak	Native	12	Yes	Yes	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	
154	Coast live oak	Native	6	No	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
155	Aleppo pine	Non-native	11	Yes	No	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	
156	Coast live oak	Native	8	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
157	Aleppo pine	Non-native	9	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
158	Valley oak	Native	6	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
159	Aleppo pine	Non-native	10	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
160	Coast live oak	Native	6	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.

Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree ¹	Highly Protected Tree ²	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
161	Aleppo pine	Non-native	9	Yes	No	Fair health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
162	Aleppo pine	Non-native	11	Yes	No	Fair health	Adjacent to Survey Area	None	
163	Valley oak	Native	7	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	This tree is considered protected because it is a part of a grove.
164	Coast live oak	Native	12	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	Two codominant stems with a DBH of 12 and 10 inches.
165	Aleppo pine	Non-native	21	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	Two codominant stems with a DBH of 21 and 20 inches.
166	Aleppo pine	Non-native	29	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
167	Aleppo pine	Non-native	32	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
168	Aleppo pine	Non-native	29	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
169	Aleppo pine	Non-native	28	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
170	Coast live oak	Native	6	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
171	Coast live oak	Native	12	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
172	Valley oak	Native	13	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
173	Coast live oak	Native	17	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
174	Aleppo pine	Non-native	31	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
175	Valley oak	Native	11	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
176	Coast live oak	Native	12	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
177	Aleppo pine	Non-native	21	Yes	No	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
178	Aleppo pine	Non-native	6	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
179	Aleppo pine	Non-native	6	Yes	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	This tree is considered protected because it is a part of a grove.
180	Valley oak	Native	26	Yes	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
181	Coast live oak	Native	30	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
182	Coast live oak	Native	18	Yes	Yes	Fair health	Within Proposed Development Area	Severe Expected - Removal Required	Two codominant stems with a DBH of 18 and 16 inches.
183	Valley oak	Native	26	Yes	Yes	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	

Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree ¹	Highly Protected Tree ²	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
184	Valley oak	Native	26	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
185	Coast live oak	Native	10	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
186	Valley oak	Native	24	Yes	Yes	Good health	Adjacent to Survey Area	Potential Impacts Possible - Protection Recommended	
187	Valley oak	Native	9	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	
188	Valley oak	Native	12	No	No	Dead	Adjacent to Survey Area	None	Presents no hazard; therefore, removal is not recommended.
189	Coast live oak	Native	66	Yes	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended	Very large, healthy, and mature coast live oak located on the edge of a riparian area. Extra protection should be considered if necessary.

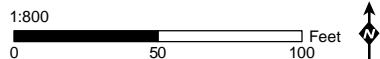
ATTACHMENT B: RESULTS MAPS



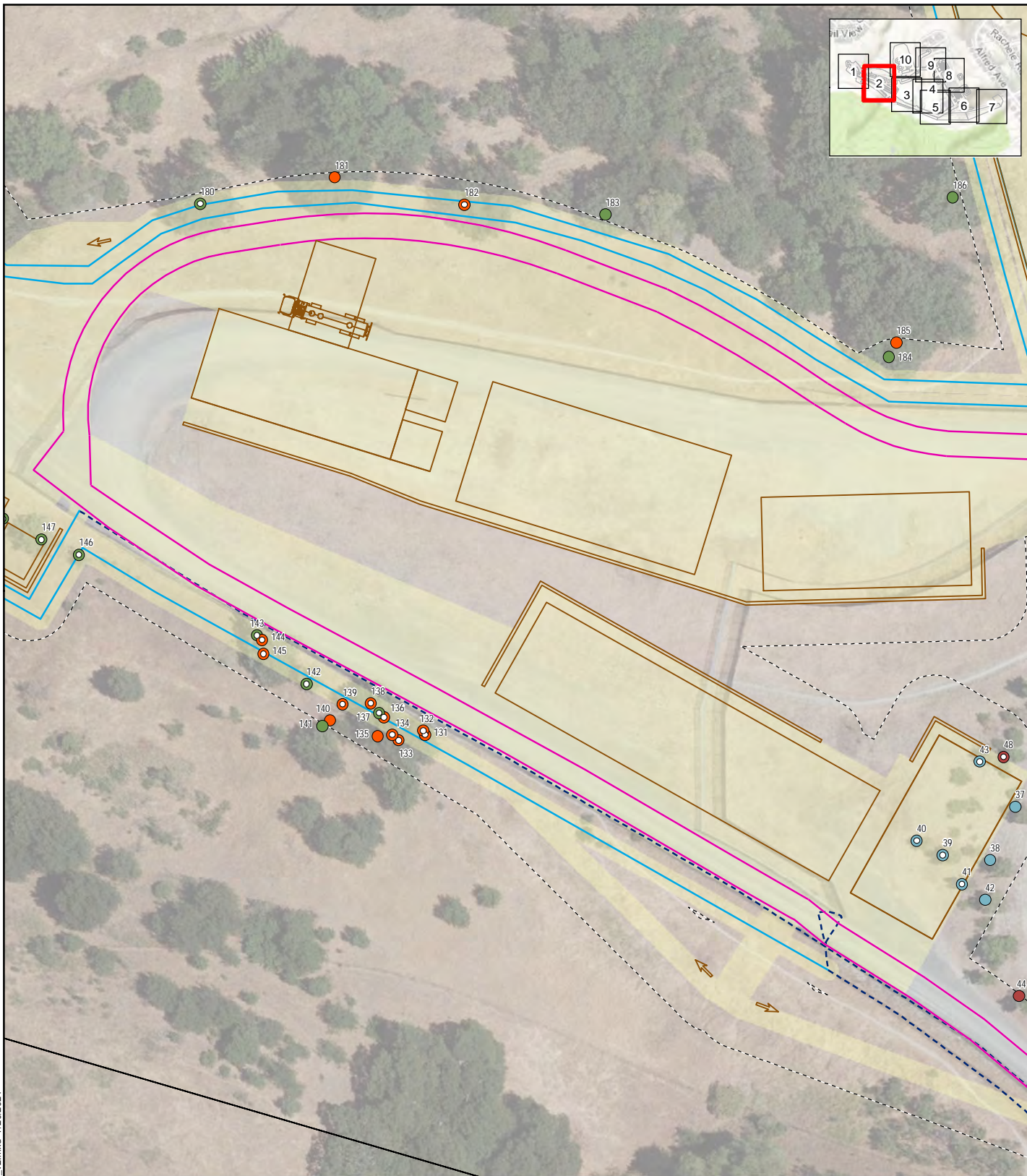
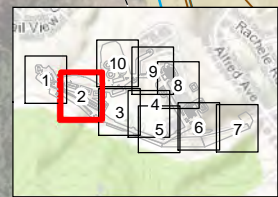
Attachment B: Results Map 1 of 10

WCWTP Pretreatment Project

- Severe Impacts Expected
- Coast live oak (*Quercus agrifolia*)
- Future Road
- Survey Area
- Tree Species
- Valley oak (*Quercus lobata*)
- New Fence
- Parcel
- Aleppo pine (*Pinus halepensis*)
- Existing Fence
- Proposed Development Area



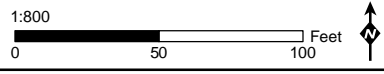
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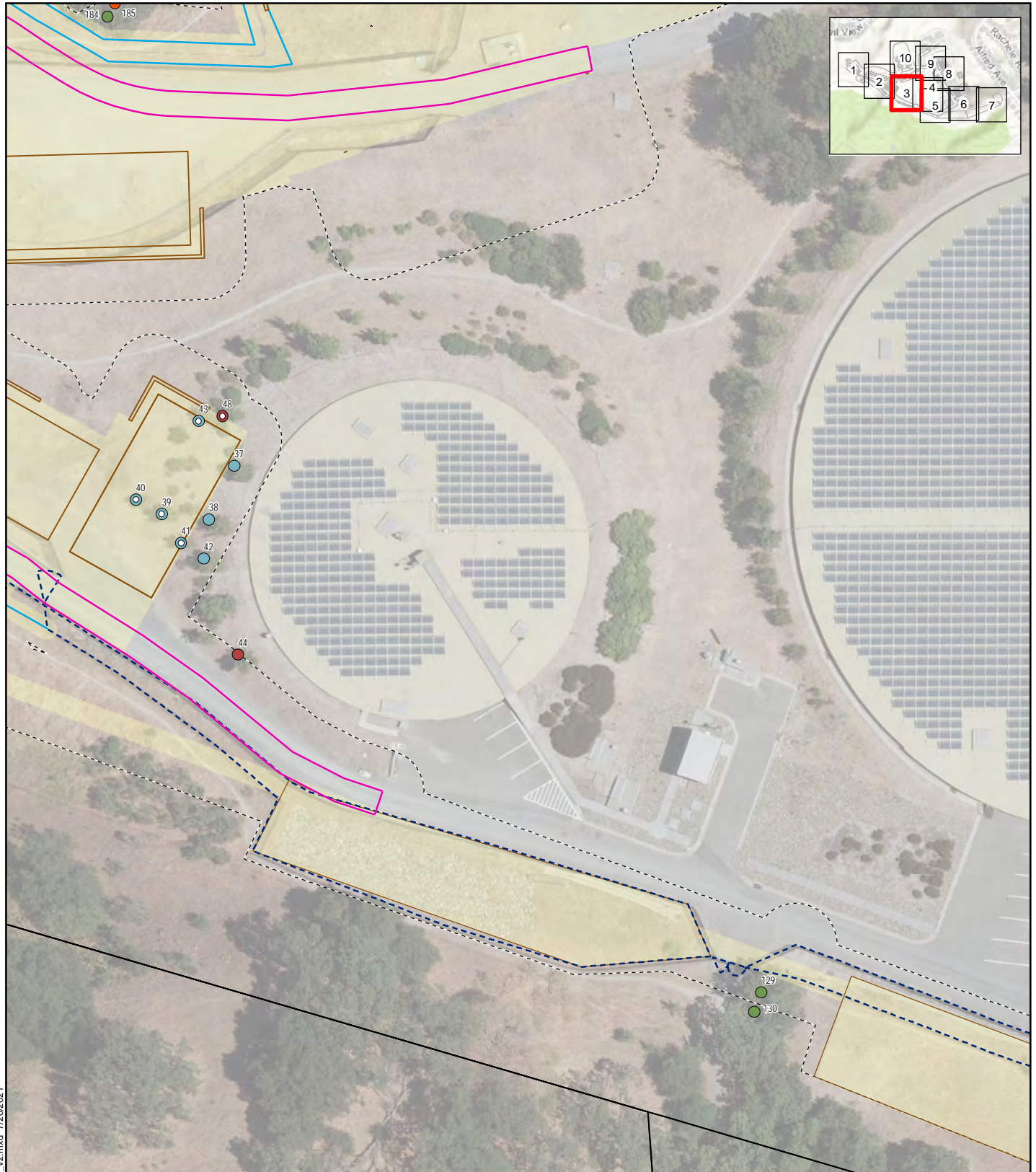
Attachment B: Results Map 2 of 10

WCWTP Pretreatment Project

- | | | | |
|---|--|----------------------|-----------------------------|
| ○ Severe Impacts Expected | ● Chinese pistache (<i>Pistacia chinensis</i>) | — Future Road | - - - Survey Area |
| Tree Species | ● Coast live oak (<i>Quercus agrifolia</i>) | — New Fence | □ Parcel |
| ● Aleppo pine (<i>Pinus halepensis</i>) | ● Valley oak (<i>Quercus lobata</i>) | - - - Existing Fence | ■ Proposed Development Area |



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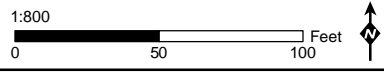


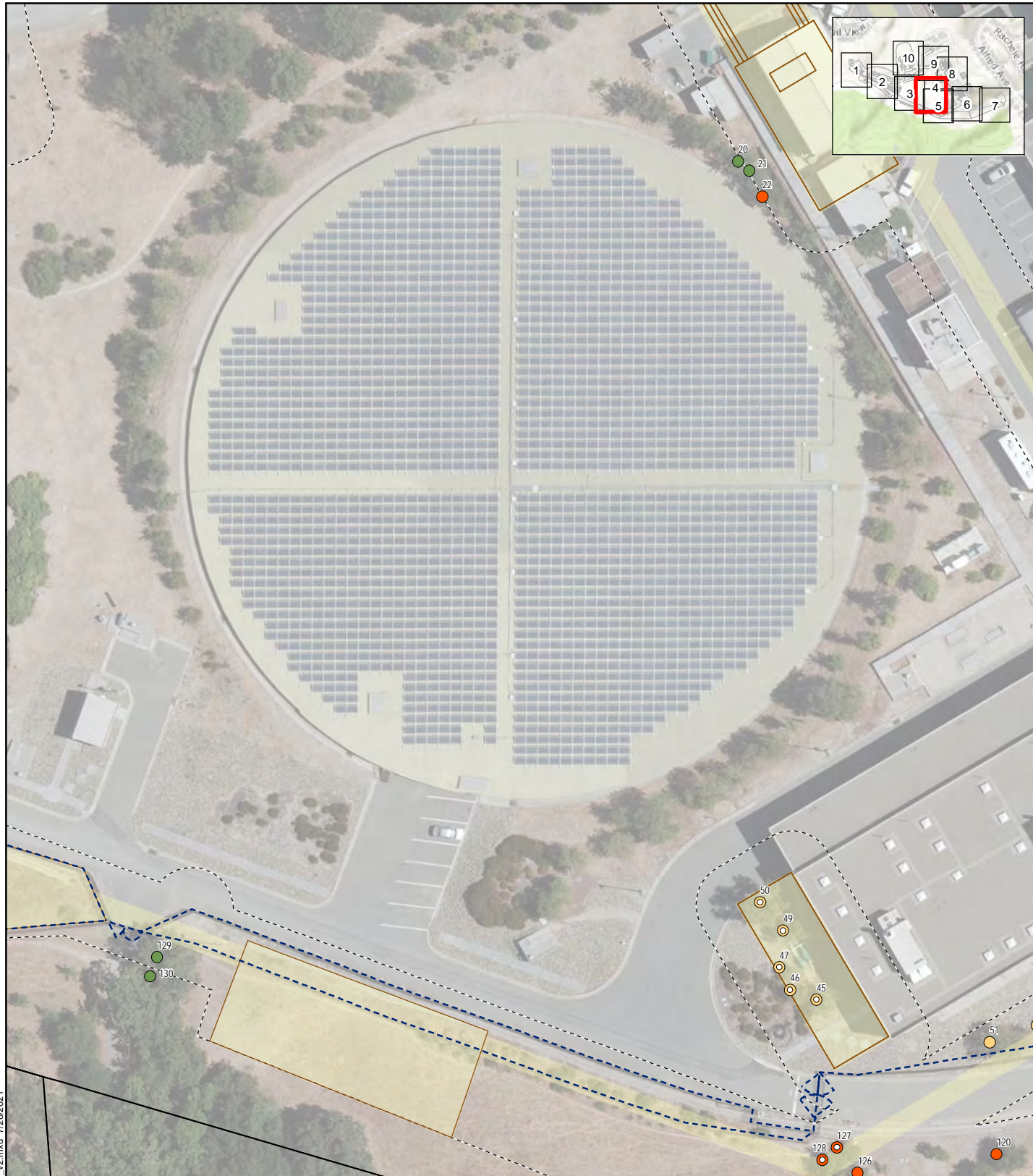
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Attachment B: Results Map 3 of 10

WCWTP Pretreatment Project

- | | | | |
|---|--|-----------------------------|-----------------|
| ○ Severe Impacts Expected | ● Chinese pistache (<i>Pistacia chinensis</i>) | — Future Road | --- Survey Area |
| Tree Species | ● Coast live oak (<i>Quercus agrifolia</i>) | — New Fence | □ Parcel |
| ● Aleppo pine (<i>Pinus halepensis</i>) | ● Valley oak (<i>Quercus lobata</i>) | --- Existing Fence | |
| | | ■ Proposed Development Area | |



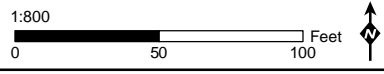


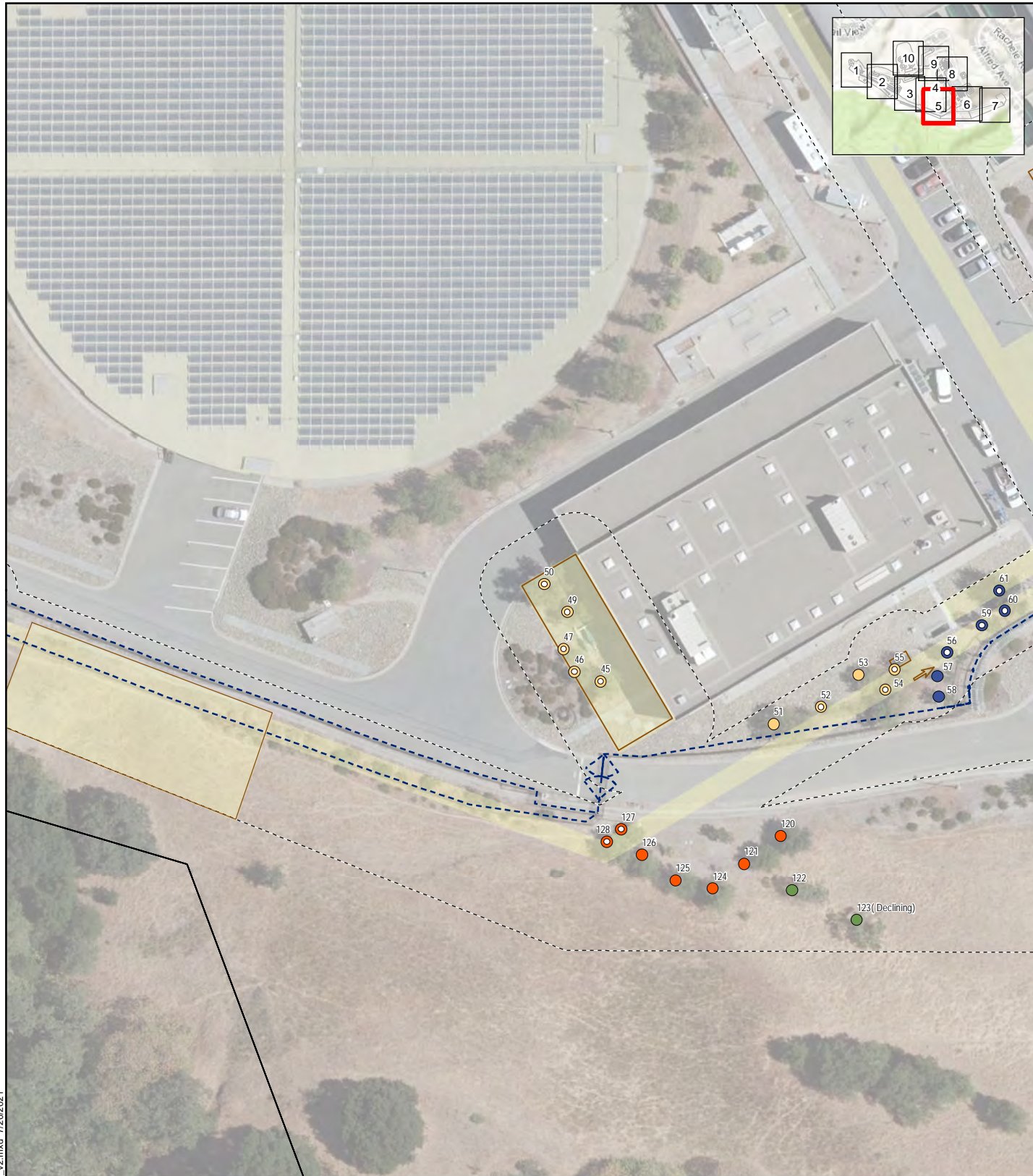
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Attachment B: Results Map 4 of 10

WCWTP Pretreatment Project

- | | | | |
|---|---|----------------------|-------------------|
| ○ Severe Impacts Expected | ● Peruvian pepper tree (<i>Schinus molle</i>) | — Future Road | - - - Survey Area |
| Tree Species | ● Valley oak (<i>Quercus lobata</i>) | - - - Existing Fence | ▭ Parcel |
| ● Coast live oak (<i>Quercus agrifolia</i>) | ■ Proposed Development Area | | |

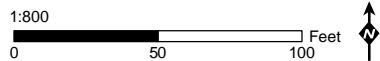




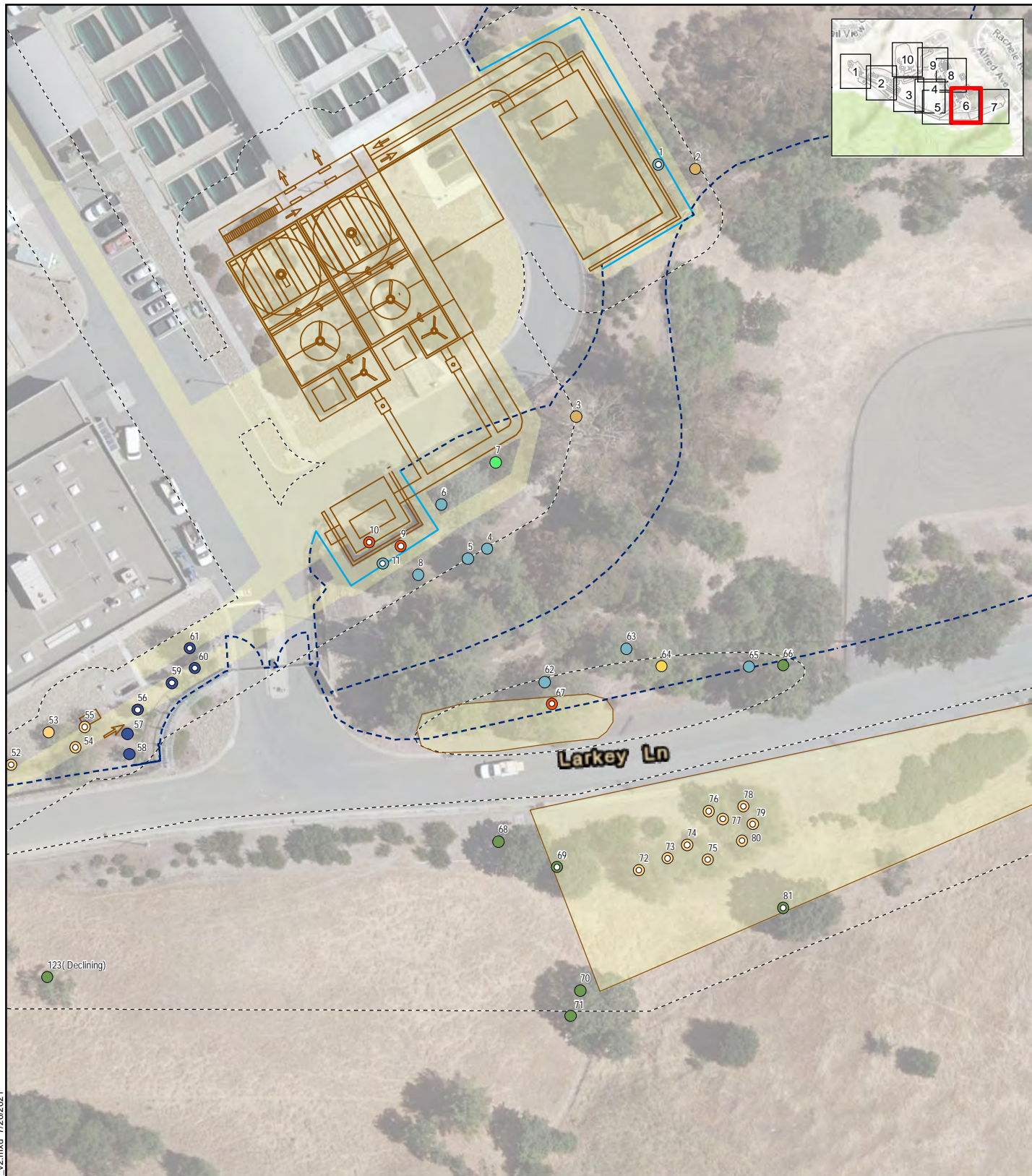
Attachment B: Results Map 5 of 10

WCWTP Pretreatment Project

- Severe Impacts Expected
- Peruvian pepper tree (*Schinus molle*)
- Raywood ash (*Fraxinus angustifolia*)
- Coast live oak (*Quercus agrifolia*)
- Valley oak (*Quercus lobata*)
- Future Road
- - - Existing Fence
- Proposed Development Area
- - - Survey Area
- ▭ Parcel



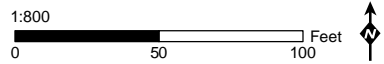
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Attachment B: Results Map 6 of 10

WCWTP Pretreatment Project

- | | | | |
|--|--|-----------------------------|-----------------|
| ○ Severe Impacts Expected | ● Flannel bush (<i>Fremontodendron californicum</i>) | — Future Road | --- Survey Area |
| Tree Species | ● Holly leaf cherry (<i>Prunus ilicifolia</i>) | — New Fence | ▭ Parcel |
| ● Aleppo pine (<i>Pinus halepensis</i>) | ● Peruvian pepper tree (<i>Schinus molle</i>) | --- Existing Fence | |
| ● Blue gum eucalyptus (<i>Eucalyptus globulus</i>) | ● Raywood ash (<i>Fraxinus angustifolia</i>) | ■ Proposed Development Area | |
| ● Coast live oak (<i>Quercus agrifolia</i>) | ● Valley oak (<i>Quercus lobata</i>) | | |



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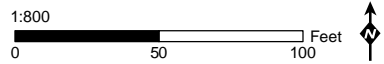


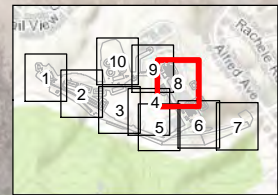
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Attachment B: Results Map 7 of 10

WCWTP Pretreatment Project

- | | | | |
|---|---|-----------------------------|-----------------|
| ○ Severe Impacts Expected | ● Peruvian pepper tree (<i>Schinus molle</i>) | — Future Road | --- Survey Area |
| Tree Species | ● Toyon (<i>Heteromeles arbutifolia</i>) | --- Existing Fence | ▭ Parcel |
| ● Aleppo pine (<i>Pinus halepensis</i>) | ● Valley oak (<i>Quercus lobata</i>) | ▭ Proposed Development Area | |
| ● Coast live oak (<i>Quercus agrifolia</i>) | | | |

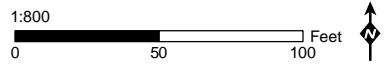




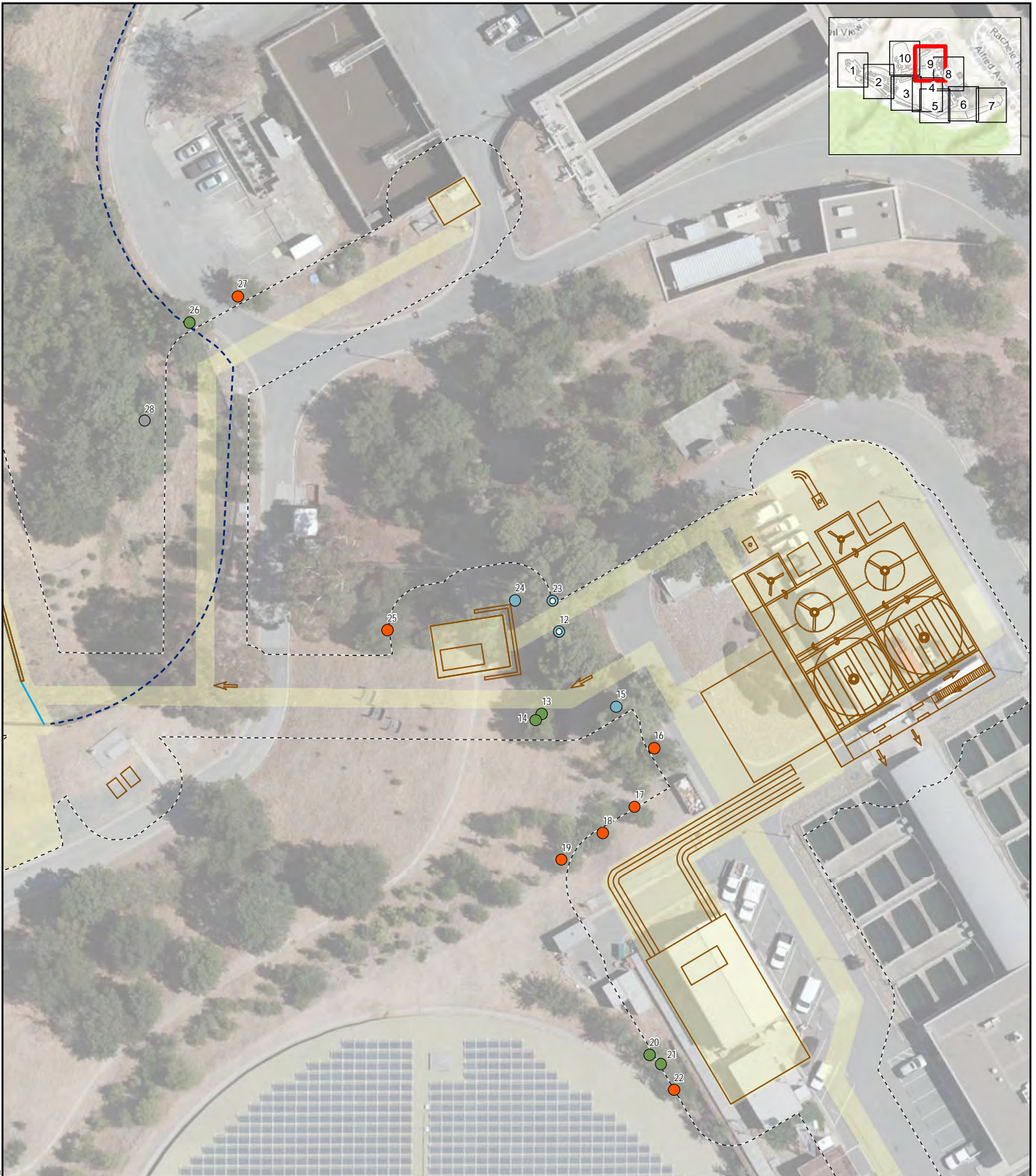
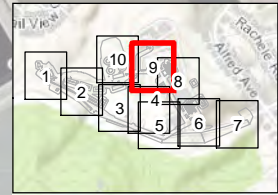
Attachment B: Results Map 8 of 10

WCWTP Pretreatment Project

- | | | | |
|---|---|-----------------------------|-----------------|
| ○ Severe Impacts Expected | ● Coast live oak (<i>Quercus agrifolia</i>) | — Future Road | --- Survey Area |
| Tree Species | ● Valley oak (<i>Quercus lobata</i>) | — New Fence | □ Parcel |
| ● Aleppo pine (<i>Pinus halepensis</i>) | | --- Existing Fence | |
| | | ■ Proposed Development Area | |



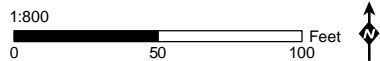
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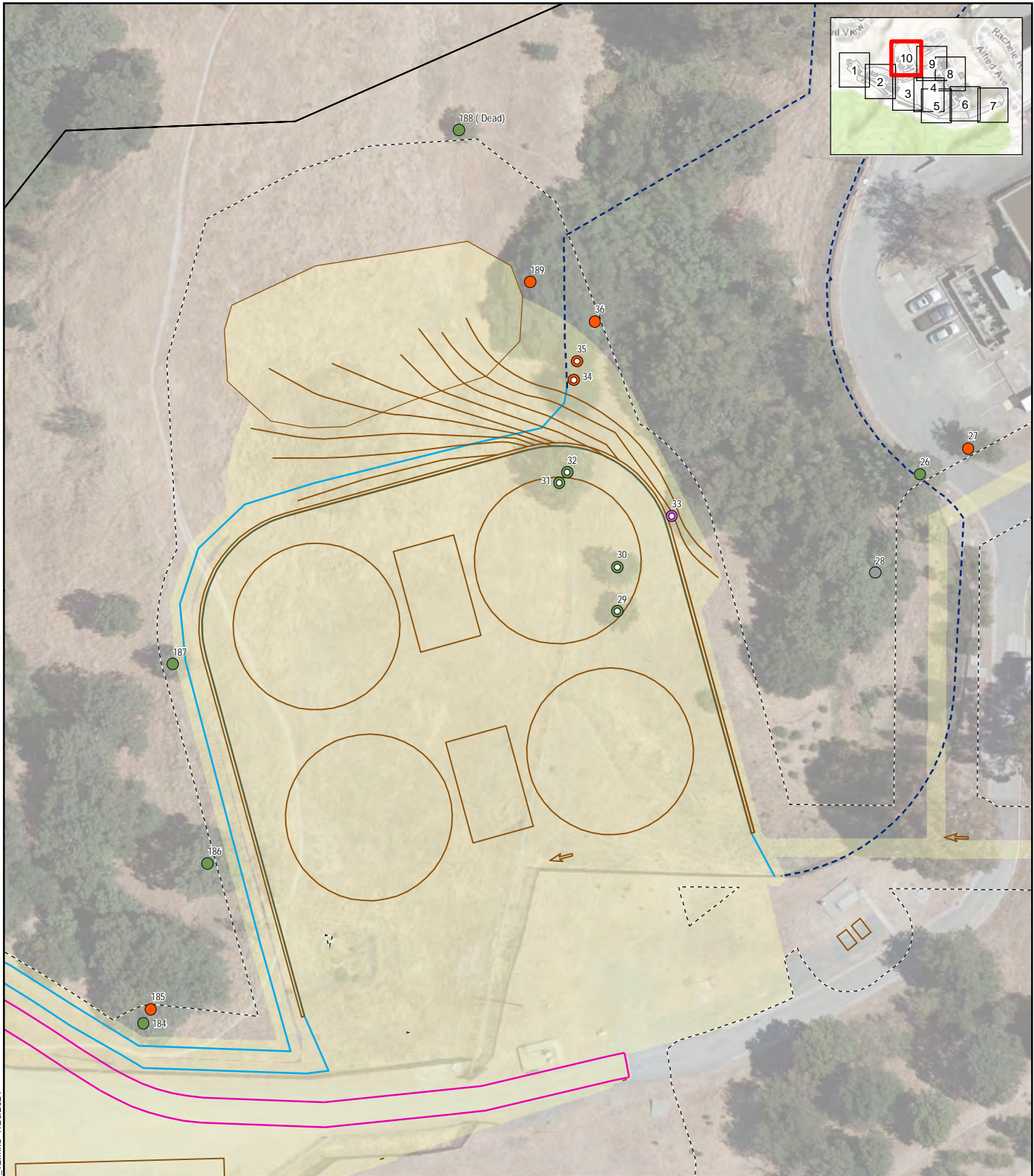
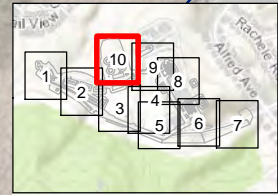


Attachment B: Results Map 9 of 10

WCWTP Pretreatment Project

- | | | | |
|---|---|-----------------------------|-----------------|
| ○ Severe Impacts Expected | ● Coast live oak (<i>Quercus agrifolia</i>) | — Future Road | --- Survey Area |
| Tree Species | ● Olive (<i>Olea europaea</i>) | — New Fence | □ Parcel |
| ● Aleppo pine (<i>Pinus halepensis</i>) | ● Valley oak (<i>Quercus lobata</i>) | --- Existing Fence | |
| | | ■ Proposed Development Area | |

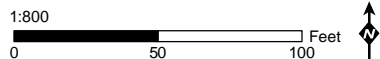




Attachment B: Results Map 10 of 10

WCWTP Pretreatment Project

- | | | | |
|---|---|--------------------|-----------------------------|
| ○ Severe Impacts Expected | ● Coast live oak (<i>Quercus agrifolia</i>) | — Future Road | --- Survey Area |
| Tree Species | ● Olive (<i>Olea europaea</i>) | — New Fence | ▭ Parcel |
| ● Buckeye (<i>Aesculus californica</i>) | ● Valley oak (<i>Quercus lobata</i>) | --- Existing Fence | ▭ Proposed Development Area |



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EAST BAY MUNICIPAL UTILITY DISTRICT
LAFAYETTE WATER TREATMENT PLANT WEIR UPGRADES
WALNUT CREEK WATER TREATMENT PLANT PRETREATMENT
PROJECT
ARBORIST CONDITION REPORT

JANUARY 2022

PREPARED FOR:



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2 – SCOPE OF REPORT 1
3 – TREE PROTECTION ORDINANCES 1
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Table 1: Trees Documented by Species within the Survey Area..... 6
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LIST OF ATTACHMENTS

Attachment A: Tree Survey Results Summary

1 – PROJECT OVERVIEW

Insignia Environmental (Insignia) was subcontracted through Woodard & Curran to prepare an Arborist Condition Report (report) for East Bay Municipal Utility District’s (EBMUD’s) Lafayette Water Treatment Plant (WTP) weir upgrades to be completed as part of the Walnut Creek WTP Pretreatment Project (Project). The Lafayette WTP is located at 3834 Mt. Diablo Boulevard in the City of Lafayette, California. The Project work at the Lafayette WTP includes modification of two weir structures that tie into the existing Lafayette Aqueducts, demolishing the existing Lafayette Weir No. 1, construction of a new Lafayette Weir No. 1 that is 10 feet taller, increasing the height of the existing Lafayette Weir No. 2 by 10 feet, and new pipelines connecting to the weirs and aqueducts. Increasing the height of the weirs would increase the water pressure in the Lafayette Aqueducts No. 1 and No. 2 to accommodate the new pretreatment processes at the Walnut Creek WTP. As shown in **Figure 1: Project Overview Map**, the Project work at the Lafayette WTP is located entirely within the Lafayette WTP and includes portions of developed land and forested undeveloped land on an approximately 14-acre site.

2 – SCOPE OF REPORT

This report is intended to provide reference information for: site planning, the Project’s Aesthetics Conceptual Design Report, and the Biological Resources section of the Environmental Impact Report. More specifically, this report details the findings from the arborist evaluation tree survey (survey), which was conducted by Casey Clark, an Insignia arborist and biologist, on September 7, 2021. During the survey, the location, species, diameter at breast height (DBH), tree protection designation, and general health condition were recorded for each tree within the Project area, as well as whether the tree is native or non-native and whether the tree is invasive. Further, this report includes a summary of the City of Lafayette’s tree protection ordinances; recommendations for tree removal based on health and hazard potential; maps and tables showing tree locations, species, and health; an evaluation of potential construction and operation effects on trees inventoried; and preliminary guidelines for tree protection and preservation.

3 – TREE PROTECTION ORDINANCES

Pursuant to California Government Code Section 53091, EBMUD—as a local agency and utility district serving a broad regional area—is not subject to building and land use zoning ordinances (e.g., tree ordinances) for projects involving facilities for the production, generation, storage, or transmission of water. However, it is the practice of EBMUD to work with local jurisdictions and neighboring communities during project planning, and to consider local environmental protection policies for guidance. For that reason, the City of Lafayette’s tree protection ordinances are summarized within this section and are incorporated into this report.

The City of Lafayette recognizes the many intrinsic values that trees contribute to the urban and natural environment and encourages the protection of certain trees. As such, the Lafayette Municipal Code provides protection for certain trees and requires a permit for the removal of any

protected tree. Protected trees are defined within Chapter 6-17 of the Lafayette Municipal Code, and the trees within the Project area fall under the following protected tree definition:

- The tree¹ is located on developed public or private property and has a trunk diameter² of 12 inches or more, and is one of the following species:
 - coast live oak (*Quercus agrifolia*);
 - canyon oak (*Quercus chrysolepis*);
 - blue oak (*Quercus douglasii*);
 - white oak (*Quercus garryana*);
 - black oak (*Quercus kelloggii*);
 - valley oak (*Quercus lobata*);
 - interior live oak (*Quercus wislizenii*);
 - California bay laurel (*Umbellularia californica*);
 - California buckeye (*Aesculus californica*); and
 - madrone (*Arbutus menziesii*).

4 – SURVEY METHODS

As depicted in **Figure 1: Project Overview Map**, the approximately 1-acre Project survey area provided by EBMUD includes the forested area that occurs within and adjacent to the Project’s proposed limits of construction area.

All trees within and immediately adjacent to the Project survey area were surveyed for this report if the tree had a DBH of at least 6 inches. Information regarding the tree species, origin (i.e., whether it is native, non-native, or invasive), DBH, protected tree class, general health condition, removal recommendation, and tree preservation recommendations were determined in the field and logged in a digital data collection form. Each tree’s number was sequential to the survey path, and the location was collected as close to the base of the trunk as possible using a submeter-accurate Global Positioning System device. DBH measurements were taken with a diameter tape and were taken in accordance with American Forests Champion Tree Measurement Guidelines (American Forests 2015).




¹ Tree is defined in the Lafayette Municipal code as being a large, woody, perennial plant with one or more trunks that generally reaches a minimum height of 10 feet at maturity. It does not include shrubs shaped to tree forms.

² Diameter is defined in the Lafayette Municipal Code as the distance across the tree from outside bark to outside bark with the distance being determined by the circumference of the tree measured at 4.5 feet above the natural grade of the tree (i.e., DBH) and divided by π . The diameter of a multi-trunk tree is the sum of the diameters of its component trunks multiplied by two-thirds.



**Figure 1:
Project Overview**

**Lafayette WTP Weir Upgrades
Walnut Creek WTP Pretreatment Project**

-  Project Work
-  Proposed Development Area
-  Survey Area

1 inch = 125 feet
 0 100 200 Feet



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The health condition of each tree was evaluated by using a basic visual inspection method, and the arborist assigned one of the following general condition ratings to each tree:

- **Good:** Overall good tree vigor³, healthy foliage and cambium⁴, and no significant defects. The location is optimal for the tree, and the tree will survive long term.
- **Fair:** Overall moderate tree vigor, and no serious defects or infestations. Further tree decline is not expected, but the tree's location is not optimal for that species.
- **Declining due to abiotic factors (DDAF):** Overall poor tree vigor due to abiotic factors, such as water, light, and nutrients. Typically, poor vigor results when a tree is outcompeted by other vascular plants, or the tree is in the wrong location. A DDAF tree will likely not survive long term.
- **Declining due to biotic factors (DDBF):** Overall poor tree vigor due to biotic factors, such as disease or insect infestation. A DDBF tree will likely not survive long-term.
- **Dead:** The tree is dead or very close to death and will not recover.

Individual tree ratings consider a variety of factors, including overall tree vigor, foliage condition, cambium condition, evidence of decay, insect or disease infestations, and any other notable structural defects. The survey was limited to visual examination of accessible parts without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that problems or deficiencies regarding the trees discussed in this report may not arise in the future.

Removal recommendations were based on the tree's health condition and its hazard potential. In general, if the tree is dead or declining, but is located within a natural area with low to no human traffic, the tree was not recommended for removal. Dead trees (i.e., snags) provide wildlife habitat that could further benefit the ecosystem during decomposition. However, if the tree is located within a high-traffic area and is dead or declining, removal will be recommended.

Each tree was then assigned one of three construction impact codes using the following categories:

- **Potential Impacts Possible, Protection Recommended:** This designation was given to all protected trees (as defined in the Lafayette Municipal Code) that have up to 40 percent of their driplines located within a proposed development area.⁵ Tree protection measures are recommended for these trees to preserve their aesthetic quality and health.
- **Potential Impacts Possible, Non-Protected Tree, Preservation not Warranted:** This designation was given to all trees not protected by Lafayette Municipal Code that have up

³ Vigor refers to the force of healthy growth in any living matter or organism.

⁴ Cambium is the cellular plant tissue in woody plants from which phloem, xylem, or cork grows by division, resulting in secondary growth. Cambium is the layer just inside the tree's bark.

⁵ Proposed development areas include any Project area that involves the permanent installation of a new feature or the modification of an existing area. This includes, but is not limited to, any area that will be graded, filled, paved, trenched, or demolished as a part of the Project.

to 40 percent of their driplines located within a proposed development area. Even though preservation is not warranted under Lafayette’s Municipal Code, survival of the tree following construction is likely and preservation is encouraged if feasible.

- None: It is very unlikely that the tree will be affected by Project development. A tree with this designation either has a dripline that is entirely located outside of proposed development areas, or the tree is dead or declining.
- Severe Impacts Expected – Removal Required:⁶ The tree’s trunk, or at least 40 percent of the tree’s dripline, lies directly within a proposed development area.

5 – SURVEY RESULTS

Seven different species and a total of 59 trees were documented during the survey. Two of these trees are located outside of, but immediately adjacent to the survey area, and 29 of these trees are located within a proposed development area.⁷ The remaining 28 trees were located outside of proposed development areas, but within the survey area. **Table 1: Trees Documented by Species within the Survey Area** lists the total number of each species documented, their origin, and their California Invasive Plant Council (Cal-IPC) listing (which categorizes invasive plants that threaten California’s natural areas), if applicable.

Table 1: Trees Documented by Species within the Survey Area

Tree Species	Origin	Cal-IPC Listing ⁸	Count
California bay laurel (<i>Umbellularia californica</i>)	Native	None	2
Coast live oak (<i>Quercus agrifolia</i>)	Native	None	43
Coast redwood (<i>Sequoia sempervirens</i>)	Native	None	6
Deodar cedar (<i>Cedrus deodara</i>)	Non-native	None	3
Monterey pine (<i>Pinus radiata</i>)	Non-native	Limited	1
Northern California black walnut (<i>Juglans hindsii</i>)	Native	None	1
Valley oak (<i>Quercus lobata</i>)	Native	None	3

⁶ This removal designation is preliminary, and a final determination for tree removal should be made by a licensed arborist once the final construction designs are made available.

⁷ A tree is listed as being within a proposed development area if its trunk, or at least 40 percent of its dripline, is within or intersects a proposed development area.

⁸ Explanation of Cal-IPC listing codes:

- Limited: These species are invasive, but their ecological impacts are minor on a statewide level or there was not enough information to justify a higher score. Their reproductive biology and other attributes result in low to moderate rates of invasiveness. Ecological amplitude and distribution are generally limited, but these species may be locally persistent and problematic.
- None: Species that are not listed on the Cal-IPC Inventory due to there being an insignificant current impact and/or insufficient risk of becoming invasive in the future.

One tree species (Monterey pine) documented on the property has a Cal-IPC listing category of Limited. However, this species is not spreading invasively within or adjacent to the survey area and therefore should not be considered invasive for the Project. No trees were recommended for removal based on their health condition and hazard potential within the survey area; however, 28 trees may require removal based on their proximity to a proposed development area. The trees that may require removal due to their potential for severe construction impacts (i.e., the trunk or at least 40 percent of the dripline of a tree is located within or adjacent to a proposed development area) are listed in **Table 2: Trees with Severe Impacts Expected that May Require Removal**.

A summary of all 59 trees inventoried is provided in **Attachment A: Tree Survey Results Summary**. **Attachment A: Tree Survey Results Summary** lists each tree sequentially by number and includes its species, origin, DBH, tree protection designation, general health condition rating, proximity to the Project, potential construction impacts, and preservation recommendations. Specific comments regarding individual trees are included where relevant. A map summarizing the information is presented in **Figure 2: Results Map**.

6 – TREE PROTECTION AND PRESERVATION

Once the final design of the Project’s construction plans is available, the plans should be reviewed by an arborist to make a final recommendation regarding which trees can be retained and which should be removed. To maximize the survivability of trees to be retained, a Tree Protection Plan should be developed and implemented prior to the commencement of any construction activities, in consultation with EBMUD and in consideration of EBMUD practices and procedures.

7 – REFERENCES

American Forests. 2015. American Forests Champion Tree Measurement Guidelines. Available online at https://www.americanforests.org/wp-content/uploads/2014/12/AF-Tree-Measuring-Guidelines_LR.pdf. Accessed on May 24, 2021.

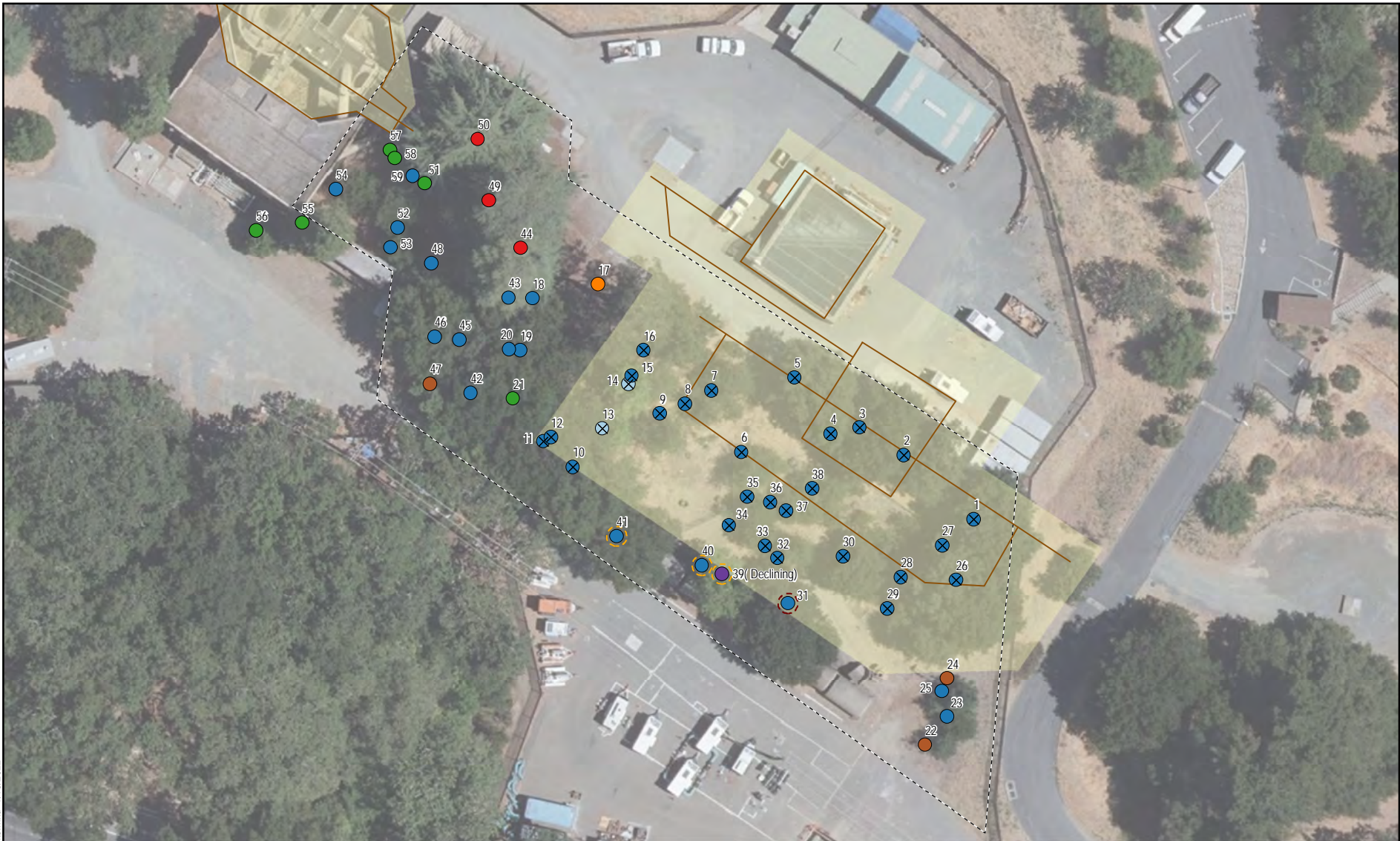
Cal-IPC. 2021. The Cal-IPC Inventory. Available online at <https://www.cal-ipc.org/plants/inventory/>. Accessed on May 24, 2021.

City of Lafayette. 2021. Lafayette Municipal Code. Available online at https://library.municode.com/ca/lafayette/codes/code_of_ordinances. Accessed on September 2021.

Table 2: Trees with Severe Impacts Expected that May Require Removal

Tree Number	Species	Protected Tree ⁹	DBH	Health Condition	General Location
1	Coast live oak	Yes	36	Good health	Within the proposed development area.
2	Coast live oak	Yes	20	Good health	
3	Coast live oak	Yes	25	Good health	
4	Coast live oak	Yes	16	Good health	
5	Coast live oak	Yes	25	Good health	
6	Coast live oak	Yes	17	Good health	
7	Coast live oak	Yes	14	Good health	
8	Coast live oak	No	11	Good health	
9	Coast live oak	Yes	13	Good health	
10	Coast live oak	Yes	29	Good health	
11	Coast live oak	Yes	30	Good health	
12	Coast live oak	Yes	14	Good health	
13	California bay laurel	No	8	Good health	
14	California bay laurel	No	9	Good health	
15	Coast live oak	No	10	Good health	
16	Coast live oak	Yes	20	Good health	
26	Coast live oak	Yes	23	Good health	
27	Coast live oak	Yes	20	Good health	
28	Coast live oak	No	11	Good health	
29	Coast live oak	Yes	13	Good health	
30	Coast live oak	Yes	17	Good health	
32	Coast live oak	No	9	Good health	
33	Coast live oak	No	8	Good health	
34	Coast live oak	Yes	14	Good health	
35	Coast live oak	Yes	12	Good health	
36	Coast live oak	No	7	Good health	
37	Coast live oak	No	6	Good health	
38	Coast live oak	No	6	Good health	

⁹ According to the Lafayette Municipal Code, a tree is considered a protected tree if it has a DBH of 12 inches or greater and is one of the following species: coast live oak (*Quercus agrifolia*), canyon oak (*Quercus chrysolepis*), blue oak (*Quercus douglasii*), white oak (*Quercus garryana*), black oak (*Quercus kelloggii*), valley oak (*Quercus lobata*), interior live oak (*Quercus wislizenii*), California bay laurel (*Umbellularia californica*), California buckeye (*Aesculus californica*), or madrone (*Arbutus menziesii*).

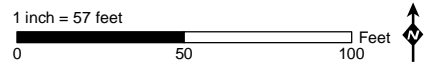


**Figure 2:
Results Map**

**Lafayette WTP Weir Upgrades
Walnut Creek WTP Pretreatment Project**

Project Work	Severe Impacts Expected	Tree Species	Deodar cedar (<i>Cedrus deodara</i>)
Proposed Development Area	Exclusion Fencing*	California bay laurel (<i>Umbellularia californica</i>)	Monterey pine (<i>Pinus radiata</i>)
Survey Area	Retaining Wall Protection**	Coast live oak (<i>Quercus agrifolia</i>)	Northern California black walnut (<i>Juglans hindsii</i>)
		Coast redwood (<i>Sequoia sempervirens</i>)	Valley oak (<i>Quercus lobata</i>)

* Fencing will be installed outside of the dripline of the tree to be protected.
 ** The retaining wall location will be identified in the project design drawings.



ATTACHMENT A: TREE SURVEY RESULTS SUMMARY

ATTACHMENT A: TREE SURVEY RESULTS SUMMARY

Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree? ¹	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
1	Coast live oak (<i>Quercus agrifolia</i>)	Native	36	Yes	Good health	Within Proposed Development Area ²	Severe Expected - Removal Required	
2	Coast live oak	Native	20	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
3	Coast live oak	Native	25	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
4	Coast live oak	Native	16	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
5	Coast live oak	Native	25	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
6	Coast live oak	Native	17	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
7	Coast live oak	Native	14	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
8	Coast live oak	Native	11	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
9	Coast live oak	Native	13	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
10	Coast live oak	Native	29	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
11	Coast live oak	Native	30	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
12	Coast live oak	Native	14	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
13	California bay laurel (<i>Umbellularia californica</i>)	Native	8	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
14	California bay laurel	Native	9	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
15	Coast live oak	Native	10	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
16	Coast live oak	Native	20	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
17	Monterey pine (<i>Pinus radiata</i>)	Non-native	39	No	Good health	Within Survey Area	Potential Impacts Expected – Non-Protected Tree, Preservation not Warranted	The dripline is within a proposed development area.
18	Coast live oak	Native	33	Yes	Good health	Within Survey Area	None	
19	Coast live oak	Native	13	Yes	Good health	Within Survey Area	None	
20	Coast live oak	Native	16	Yes	Good health	Within Survey Area	None	
21	Coast redwood (<i>Sequoia sempervirens</i>)	Native	26	No	Fair health	Within Survey Area	None	
22	Valley oak (<i>Quercus lobata</i>)	Native	14	Yes	Good health	Within Survey Area	None	
23	Coast live oak	Native	16	Yes	Good health	Within Survey Area	None	
24	Valley oak	Native	6	No	Good health	Within Survey Area	None	
25	Coast live oak	Native	17	Yes	Good health	Within Survey Area	None	

¹ According to the Lafayette Municipal Code, a tree is considered a protected tree if it has a DBH of 12 inches or more and is one of the following species: coast live oak (*Quercus agrifolia*), canyon oak (*Quercus chrysolepis*), blue oak (*Quercus douglasii*), white oak (*Quercus garryana*), black oak (*Quercus kelloggii*), valley oak (*Quercus lobata*), interior live oak (*Quercus wislizenii*), California bay laurel (*Umbellularia californica*), California buckeye (*Aesculus californica*), or madrone (*Arbutus menziesii*).

² A tree is listed as being within a proposed development area if its trunk, or at least 40 percent of its dripline, is within or intersects a proposed development area.

Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree? ¹	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
26	Coast live oak	Native	23	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
27	Coast live oak	Native	20	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
28	Coast live oak	Native	11	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
29	Coast live oak	Native	13	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
30	Coast live oak	Native	17	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
31	Coast live oak	Native	27	Yes	Good health	Within Proposed Development Area	Severe Expected - Protection Recommended: Install exclusion fencing around perimeter of dripline and maintain throughout construction	East Bay Municipal Utility District (EBMUD) representatives said they would like to preserve this tree during the on-site pre-survey meeting.
32	Coast live oak	Native	9	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
33	Coast live oak	Native	8	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
34	Coast live oak	Native	14	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
35	Coast live oak	Native	12	Yes	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
36	Coast live oak	Native	7	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
37	Coast live oak	Native	6	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
38	Coast live oak	Native	6	No	Good health	Within Proposed Development Area	Severe Expected - Removal Required	
39	Northern California black walnut (<i>Juglans hindsii</i>)	Native	12	No	Declining due to abiotic factors	Within Survey Area	Potential Impacts Expected – Protection Recommended: Retaining wall should be placed along outer perimeter of dripline	The dripline is within a proposed development area. EBMUD representatives said they would like to preserve this tree during the on-site pre-survey meeting.
40	Coast live oak	Native	10	No	Good health	Within Survey Area	Potential Impacts Expected – Protection Recommended: Retaining wall should be placed along outer perimeter of dripline	The dripline is within a proposed development area. EBMUD representatives said they would like to preserve this tree during the on-site pre-survey meeting.
41	Coast live oak	Native	33	Yes	Good health	Within Survey Area	Potential Impacts Possible - Protection Recommended: Retaining wall should be placed along outer perimeter of dripline	The dripline is within a proposed development area. EBMUD representatives said they would like to preserve this tree during the on-site pre-survey meeting.
42	Coast live oak	Native	31	Yes	Good health	Within Survey Area	None	
43	Coast live oak	Native	12	Yes	Good health	Within Survey Area	None	
44	Deodar cedar (<i>Cedrus deodara</i>)	Non-native	38	No	Good health	Within Survey Area	None	
45	Coast live oak	Native	28	Yes	Good health	Within Survey Area	None	
46	Coast live oak	Native	28	Yes	Good health	Within Survey Area	None	
47	Valley oak	Native	10	No	Good health	Within Survey Area	None	
48	Coast live oak	Native	21	Yes	Good health	Within Survey Area	None	
49	Deodar cedar	Non-native	42	No	Good health	Within Survey Area	None	
50	Deodar cedar	Non-native	53	No	Good health	Within Survey Area	None	

Tree Number	Species	Origin	Diameter at Breast Height (DBH)	Protected Tree? ¹	Health Rating	Project Proximity	Potential Impacts and Recommendations	Survey Notes
51	Coast redwood	Native	6	No	Good health	Within Survey Area	None	
52	Coast live oak	Native	17	Yes	Good health	Within Survey Area	None	
53	Coast live oak	Native	18	Yes	Good health	Within Survey Area	None	
54	Coast live oak	Native	18	Yes	Good health	Within Survey Area	None	
55	Coast redwood	Native	36	No	Good health	Adjacent to Survey Area	None	
56	Coast redwood	Native	13	No	Good health	Adjacent to Survey Area	None	
57	Coast redwood	Native	7	No	Good health	Within Survey Area	None	
58	Coast redwood	Native	7	No	Good health	Within Survey Area	None	
59	Coast live oak	Native	12	Yes	Good health	Within Survey Area	None	

Appendix E - EBMUD Practices and Procedures Monitoring and Reporting Plan, Mitigation Monitoring and Reporting Program

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Table E-1: EBMUD Practices and Procedures Monitoring and Reporting Plan

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Aesthetics				
<p>Impact AES-1 Have a substantial adverse effect on a scenic vista.</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.1, Summary</i> B. Site Activities</p> <ol style="list-style-type: none"> 1. Protect storm drains and surface waters from impacts of project activity. 2. Store materials and wastes such as demolition material, soil, sand, asphalt, rubbish, paint, cement, concrete or washings thereof, oil or petroleum products, or earthen materials in a manner to prevent it from being washed by rainfall or runoff outside the construction limits. 3. Reuse or dispose of excess material consistent with all applicable legal requirements and disposal facility permits. 4. Clean up all spills and immediately notify the Engineer in the event of a spill. 5. Equip stationary equipment such as motors, pumps, and generators with drip pans. 6. Divert or otherwise control surface water and waters flowing from existing projects, structures, or surrounding areas from coming onto the work and staging areas. The method of diversions or control shall be adequate to ensure the safety of stored materials and of personnel using these areas. 7. Following completion of Work, remove ditches, dikes, or other ground alterations made by the Contractor. The ground surfaces shall be returned to their former condition, or as near as practicable, in the Engineer's opinion. 8. Prevent visible dust emissions from leaving the work areas. 9. Maintain construction equipment in good operating condition to reduce emissions. 10. Handle, store, apply, and dispose of any chemical or hazardous material used in the performance of the Work in a manner consistent with all applicable federal, state, and local laws and regulations. <p>EBMUD Standard Construction Specification 01 35 45, Biological, Cultural, and Paleontological Resource Requirements <i>Section 3.1, Protection of Native and Non-Native Protected Trees</i> A. Tree Protection</p> <ol style="list-style-type: none"> 1. Locations of trees to be removed and protected are shown in the construction drawings. Pruning and trimming shall be completed by the Contractor and approved by the Engineer. Pruning shall adhere to the Tree Pruning Guidelines of the International Society of Arboriculture. 2. Erect exclusion fencing five feet outside of the drip lines of trees to be protected prior to ground disturbing activities. Erect and maintain a temporary minimum 3-foot high orange plastic mesh exclusion fence at the locations as shown in the drawings prior to ground disturbing activities. The fence posts shall be six-foot minimum length steel shapes, installed at 10-foot minimum on center, and be driven into the ground. The Contractor shall be prohibited from entering or disturbing the protected area within the fence except as directed by the Engineer. Exclusion fencing shall remain in place until construction is completed and the Engineer approves its removal. 	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact AES-1 (cont.)</p>	<p>3. No grading, construction, demolition, trenching for irrigation, planting or other work, except as specified herein, shall occur within the tree protection zone established by the exclusion fencing installed shown in the drawings. In addition, no excess soil, chemicals, debris, equipment or other materials shall be dumped or stored within the tree protection zone.</p> <p>4. In areas that are within the tree drip line and outside the tree protection zone that are to be traveled over by vehicles and equipment, the areas shall be covered with a protective mat composed of a 12-inch thickness of wood chips or gravel and covered by a minimum ¾-inch-thick steel traffic plate. The protective mat shall remain in place until construction is completed and the Engineer approves its removal.</p> <p>5. Tree roots exposed during trench excavation shall be pruned cleanly at the edge of the excavation and treated to the satisfaction of a certified arborist provided by EBMUD.</p> <p>6. Any tree injured during construction shall be evaluated as soon as possible by a certified arborist provided by EBMUD, and replaced as deemed necessary by the certified arborist.</p> <p>EBMUD Standard Construction Specification 01 74 05, Cleaning</p> <p><i>Section 1.1, Description</i></p> <p>A. Section includes: Perform the work necessary for cleaning during construction and final cleaning on completion of the work.</p> <p>B. Cleaning for specific products or work is specified in the individual specification sections.</p> <p><i>Section 3.1, General</i></p> <p>A. At all times maintain areas covered by the Contract and public properties free from accumulations of waste, debris, and rubbish caused by construction operations.</p> <p>B. Conduct cleaning and disposal operations to comply with local ordinances and anti pollution laws. Do not burn or bury rubbish and waste materials on project site. Do not dispose of volatile wastes such as mineral spirits, oil, or paint thinner in storm or sanitary drains. Do not dispose of wastes into streams or waterways.</p> <p>C. Use only cleaning materials recommended by manufacturer of surface to be cleaned.</p> <p>D. Use cleaning materials only on surfaces recommended by cleaning material manufacturers.</p> <p><i>Section 3.2, Cleaning During Construction</i></p> <p>A. During execution of work, clean site and public properties and legally dispose of waste materials, debris, and rubbish to assure that buildings, grounds, and public properties are maintained free from accumulations of waste materials and rubbish. All soil and any other material tracked onto the streets by the Contractor shall be cleaned immediately. The Contractor shall comply with all rules and regulations as applicable for its cleaning method.</p> <p>B. Dispose of all refuse off EBMUD property as often as necessary so that at no time shall there be any unsightly or unsafe accumulation of rubbish.</p> <p> 1. Pine needles, leaves, sticks, and other vegetative debris on the ground shall be removed if they are in the way of construction, present a safety hazard, or present a fire hazard. Otherwise they shall be left in place during construction and final cleaning</p> <p>C. Wet down dry materials and rubbish to lay dust and prevent blowing dust.</p> <p>D. Provide approved containers for collection and disposal of waste materials, debris, and rubbish.</p> <p>E. Remove grease, dust, dirt, stains, labels, fingerprints, and other foreign materials from exposed and semi exposed surfaces.</p> <p>F. Repair, patch, and touch up marred surfaces to specified finish to match adjacent surfaces.</p>			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact AES-1 (cont.)</p>	<p>G. Vacuum clean all interior spaces, including inside cabinets. Broom clean paved surfaces; rake clean other surfaces of grounds.</p> <p>H. Handle materials in a controlled manner with as few handlings as possible; do not drop or throw materials from heights.</p> <p>I. Schedule cleaning operations so that dust and other contaminants resulting from cleaning process will not fall on wet, newly painted surfaces.</p> <p>J. Vacuum clean interior of shop building areas when ready to receive finish painting and continue vacuum cleaning on an as needed basis until successful completion of the Startup Test as defined in Section 01 75 17 – Field Startup and Testing.</p> <p><i>Section 3.3, Final Cleaning</i></p> <p>. At the completion of work on all portions of the contract and immediately prior to final inspection, cleaning of the entire project will be accomplished according to the following provisions:</p> <ol style="list-style-type: none"> 1. Thoroughly clean, sweep, wash, and polish all work and equipment, including finishes. The cleaning shall leave the structures and site in a complete and finished condition to the satisfaction of the Engineer. 2. Should the Contractor not remove rubbish or debris or not clean buildings and site as specified above, EBMUD reserves the right to have the cleaning done at the expense of the Contractor. <p>B. Employ professional cleaners for final cleaning.</p> <p>C. In preparation for contract completion, conduct final inspection of sight exposed interior and exterior surfaces, and of concealed spaces.</p> <p>D. Remove grease, dust, dirt, stains, labels, fingerprints, and other foreign materials from sight exposed interior and exterior finished surfaces; polish surfaces so designated to shine finish.</p> <p>E. Repair, patch, and touch up marred surfaces to specified finish, to match adjacent surfaces.</p> <p>F. Broom clean paved surfaces; rake clean other surfaces of grounds.</p> <p>G. Replace air handling filters if units were operated during construction.</p> <p>H. Clean ducts, blowers, and coils, if air handling units were operated without filters during construction.</p> <p>I. Clean luminaires in accordance with manufacturer's recommendations and relamp. Clean all light fixtures.</p> <p>J. Clean debris from roofs, gutters, and downspouts.</p> <p>K. Remove from EBMUD property all temporary structures and all material, equipment, and appurtenances not required as a part of, or appurtenant to, the completed work.</p> <p>L. Leave watercourses, storm drains, inlets, and ditches open and clear.</p>			
<p>Impact AES-3 Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area.</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements</p> <p><i>Section 3.9, Lighting Used During Nighttime Work</i></p> <p>A. Ensure that temporary stationary lighting used during nighttime construction is only used when needed. All lighting used for nighttime construction shall be designed, installed, and operated to minimize glare that affects traffic near the work zone or that causes annoyance or discomfort for residences near the work zone. Lighting fixtures shall be located and aimed to provide the required level of illumination and uniformity in the work zone without the creation of unnecessary glare.</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Air Quality				
<p>Impact AIR-1: Conflict with or obstruct implementation of the applicable air quality plan.</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.4(F), Dust Control and Monitoring Plan</i></p> <ol style="list-style-type: none"> 1. Submit a plan detailing the means and methods for controlling and monitoring dust generated by demolition and other work on the site for the Engineer's acceptance prior to any work at the jobsite. <ol style="list-style-type: none"> a. Identify methods to comply with all applicable regulations including but not limited to the Bay Area Air Quality Management District (BAAQMD) visible emissions regulation and Public Nuisance Rule. b. Outline practices for preventing dust emissions and procedures to be used during operations and maintenance activities. c. Include measures for the control of paint overspray and abrasive blasting emissions, including, but not limited to containment, ventilation systems and monitoring for damage and leaks. d. Describe equipment and methods used to monitor compliance with the plan. <p><i>Section 3.5, Air Quality Control</i></p> <ol style="list-style-type: none"> A. Implement all necessary air pollutant construction measures per the Bay Area Air Quality Management District "Basic Construction Mitigation Measures" (BAAQMD CEQA Guidelines May 2017), including, but not limited to the following: <ol style="list-style-type: none"> 1. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day. 2. All haul trucks transporting soil, sand, or other loose material off-site shall be covered. 3. 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. 4. All vehicle speeds on unpaved roads shall be limited to 15 mph. 5. All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used. 6. 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 shall be provided for construction workers at all access points. 7. 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. 8. The contractor shall post an EBMUD-furnished, publicly visible sign with EBMUD and Air District contact information regarding dust complaints. B. Implement all necessary air pollutant construction measures per the Bay Area Air Quality Management District "Additional Construction Mitigation Measures" (BAAQMD CEQA Guidelines May 2017) including but not limited to the following: <ol style="list-style-type: none"> 1. All exposed surfaces shall be watered at a frequency adequate to maintain minimum soil moisture of 12 percent. Moisture content can be verified by lab samples or moisture probe. 	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact AIR-1 (cont.)</p>	<ol style="list-style-type: none"> 2. All excavation, grading, and/or demolition activities shall be suspended when average wind speeds exceed 20 mph. 3. Wind breaks (e.g., trees, fences) shall be installed on the windward side(s) of actively disturbed areas of construction. Wind breaks should have at maximum 50 percent air porosity. 4. Vegetative ground cover (e.g., fast-germinating native grass seed) shall be planted in disturbed areas as soon as possible and watered appropriately until vegetation is established. 5. The simultaneous occurrence of excavation, grading, and ground-disturbing construction activities on the same area at any one time shall be limited. Activities shall be phased to reduce the amount of disturbed surfaces at any one time. 6. All trucks and equipment, including their tires, shall be washed off prior to leaving the site. 7. Site accesses to a distance of 100 feet from the paved road shall be treated with a 6- to 12-inch compacted layer of wood chips, mulch, or gravel. 8. Sandbags or other erosion control measures shall be installed to prevent silt runoff to public roadways from sites with a slope greater than one percent. 9. Minimizing the idling time of diesel-powered construction equipment to two minutes. 10. The project shall develop a plan demonstrating that the off-road equipment (more than 50 horsepower) to be used in the construction project (i.e., owned, leased, and subcontractor vehicles) would achieve a project wide fleet-average 20 percent NOx reduction and 45 percent PM reduction compared to the most recent ARB fleet average. Acceptable options for reducing emissions include the use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, add-on devices such as particulate filters, and/or other options as such become available. 11. Use low VOC (i.e., ROG) coatings beyond the local requirements (i.e., Regulation 8, Rule 3: Architectural Coatings). 12. Requiring that all construction equipment, diesel trucks, and generators be equipped with Best Available Control Technology for emission reductions of NOx and PM. 13. Requiring all contractors use equipment that meets CARB's most recent certification standard for off-road heavy duty diesel engines. <p>C. Implement all necessary EBMUD air pollutant construction measures, including but not limited to the following:</p> <ol style="list-style-type: none"> 1. Gravel or apply non-toxic soil stabilizers on all unpaved access roads, parking areas and staging areas at construction sites. Submit specifications for any dust palliatives applied to unpaved roads to the Engineer. 2. Water and/or cover soil stockpiles daily. 3. All transitions from soil to a paved road shall have best management practices applied to prevent drag out of soil. 4. Water used for dust control shall not run off the job site and cause erosion or other issues. 5. Use of recycled water for dust control is encouraged. 6. Use line power instead of diesel generators at all construction sites where line power is available. 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact AIR-1 (cont.)</p>	<p>7. Temporary sources of air emissions (such as portable pumps, compressors, generators, etc.) shall be electrically powered unless the use of such equipment is not practical, feasible, or available.</p> <p>8. All portable engines and equipment units used as part of construction shall be properly registered with the California Air Resources Board or otherwise permitted by the appropriate local air district, as required</p> <p>9. Minimize the use of diesel generators where possible.</p> <p>10. Follow applicable regulations for fuel, fuel additives, and emission standards for stationary, diesel-fueled engines.</p> <p>11. Locate generators at least 100 feet away from adjacent homes, schools, and parks.</p> <p>12. Perform regular low-emission tune-ups on all construction equipment, particularly haul trucks and earthwork equipment.</p> <p>13. On road and off-road vehicle tire pressures shall be maintained to manufacturer specifications. Tires shall be checked and re-inflated at regular intervals.</p> <p>14. Demolition debris shall be recycled for reuse to the extent feasible. See the Construction and Demolition Waste Disposal Plan paragraphs above for requirements for wood treated with preservatives (TWW).</p> <p>D. Dust Control during Abrasive Blasting:</p> <p>1. Provide a containment system for the structure prior to beginning abrasive blasting operations. The system shall remain in place during the abrasive blasting operations and the painting of exterior surfaces.</p> <p><i>Section 3.6, Dust Monitoring during Demolition and Construction</i></p> <p>A. Provide air monitoring along the perimeter of the job site. A minimum of 4 stations, one on each side of the District property, shall be established, capable of continuous measurement of total particulate concentration when any dust generating activity is occurring.</p> <p>B. Conduct real-time air monitoring at appropriate locations onsite based on wind direction, type of construction activity, and sensitive receptors to ensure dust control measures are effective.</p> <p>C. All environmental and personal air sampling equipment shall be in conformance with the Association of Industrial Hygiene and National Institute of Safety and Health (NIOSH) standards.</p> <p>1. All analysis shall be completed by an ELAP certified laboratory for the specific parameters of interest.</p> <p>2. The Contractor shall provide to the Engineer, within 72 hours of sampling, all test results.</p> <p>D. The dust control system shall comply with the requirements of this section and any applicable laws and regulations. Specific limitations that shall be met include the following:</p> <p>1. Ringelmann No. 1 Limitation: Contractor shall not emit from any source for a period or periods aggregating more than three minutes in any hour, a visible emission which is as dark or darker than No. 1 on the Ringelmann Chart, or of such opacity as to obscure an observer's view to an equivalent or greater degree.</p> <p>2. Opacity Limitation: Contractor shall not emit from any source for a period or periods aggregating more than three minutes in an hour an emission equal to or greater than 20% opacity as perceived by an opacity sensing device, where such device is required by Air Quality Management District regulations.</p>			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>EBMUD Standard Construction Specification 02 82 13, Asbestos Control Activities <i>Section 1.1, Compliance and Intent</i></p> <p>A. Furnish all labor, materials, facilities, equipment, services, employee training and testing, permits, and agreements necessary to perform the lead removal in accordance with these specification and with the latest regulations from the U.S. Environmental Protection Agency (EPA), the Occupational Safety and Health Administration (OSHA), the Air Quality Management District with authority over the project, the Cal/EPA Department of Toxic Substance Control, the California Occupational Safety and Health Administration (Cal/OSHA), and other federal, state, county, and local agencies. Whenever there is a conflict or overlap of the above references, the most stringent provision is applicable.</p> <p>B. The Electrical and Instrumentation Building has the potential to contain asbestos materials. Notify the BAAQMD at (415) 749-4762 regarding the demolition of any facility containing asbestos at least ten (10) work days prior to beginning demolition activities.</p> <p><i>Section 1.5, Submittals (Pre-Job)</i></p> <p>A. Project Safety and Health Plan: The Contractor shall provide a Project Safety and Health Plan prior to project initiation as specified in Section 01 35 24.</p> <p>B. Plan of Action</p> <p>1. Asbestos Abatement:</p> <p>a. Submit a detailed plan of the procedures proposed for use in complying with the regulations included in this specification. The plan shall include the location and layout of decontamination areas, the sequencing of asbestos work, the interface of trades involved in the performance of work, disposal plan including location of approved disposal site, and a detailed description of the methods to be employed to control pollution. Expand upon the use of portable HEPA ventilation system, method of removal to prohibit visible emissions in work area, and packaging of removed asbestos debris. Include asbestos abatement in the Construction and Demolition Waste Disposal Plan, in accordance with Section 01 35 44.</p> <p>EBMUD Procedure 600</p> <p>Purpose: To promote effective proactive communication and interaction with the public to maintain and enhance relationships between EBMUD and its customers. This procedure ensures residents are provided advance notice of potentially disruptive construction activities and provides mechanisms for customers and the public to get concerns and questions addressed.</p>			
<p>Impact AIR-2: Expose sensitive receptors to substantial pollutant concentrations.</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.5(A), Air Quality Control</i> (Details as listed under Impact AIR-1)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>
<p>Impact AIR-3: 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.</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.5(A), Air Quality Control</i> (Details as listed under Impact AIR-1)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Biological Resources				
<p>Impact BIO-1: 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 CDFW or USFWS.</p>	<p>EBMUD Standard Construction Specification 01 35 45, Biological, Cultural, and Paleontological Resource Requirements</p> <p><i>Section 3.1, Protection of Native and Non-Native Protected Trees</i> (Details as listed under Impact AES-1)</p> <p><i>Section 3.2, Protection of Birds Protected Under the Migratory Bird Treaty Act and Roosting Bats</i></p> <p>A. Provide 30 days' written notice to the Engineer prior to ground disturbing activities, pruning, and trimming.</p> <ol style="list-style-type: none"> 1. EBMUD will conduct biological reconnaissance in advance of construction and will conduct biologic monitoring during construction as necessary. <p>B. Protected Species</p> <ol style="list-style-type: none"> 1. If protected species or suitable habitat for protected species is found during biological reconnaissance surveys: <ol style="list-style-type: none"> a. Before beginning construction, all Contractor construction personnel are required to attend an environmental training program provided by EBMUD of up to one-day for site supervisors, foreman and project managers, and up to 30-minutes for non-supervisory contractor personnel. The training program will be completed in person or by watching a video at an EBMUD-designated location, conducted by a designated biologist. The program will discuss all sensitive habitats and sensitive species that may occur within the project work limits, including the responsibilities of Contractor's construction personnel, applicable mitigation measures, and notification requirements. The Contractor is responsible for ensuring that all workers requiring training are identified to EBMUD. Prior to accessing or performing construction work, all Contractor personnel shall: <ol style="list-style-type: none"> 1) Sign a wallet card provided by the Engineer verifying that all Contractor construction personnel have attended the appropriate level of training relative to their position; have read and understood the contents of the environmental training; and shall comply with all project environmental requirements. 2) Display an environmental training hard hat decal (provided by EBMUD after completion of the training) at all times. b. Birds Protected under the Migratory Bird Treaty Act (MBTA): <ol style="list-style-type: none"> 1) It is unlawful to pursue, hunt, take, capture, or kill any migratory bird without a permit issued by the U.S. Department of the Interior. 2) If construction commences between February 1 and August 31, during the nesting season, EBMUD will conduct a preconstruction survey for nesting birds within 7 days prior to construction to ensure that no nest will be disturbed during construction. 3) If active nests of migratory bird species (listed in the MBTA) are found within the project site, or in areas subject to disturbance from construction activities, an avoidance buffer to avoid nest disturbance shall be constructed. The buffer size shall be determined by the Designated Biologist in consultation with California Department of Fish and Wildlife (CDFW) and is based on the nest location, topography, cover and species' tolerance to disturbance. 	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact BIO-1 (cont.)</p>	<ul style="list-style-type: none"> 4) If an avoidance buffer is not achievable, the Designated Biologist shall monitor the nest(s) to document that no take of the nest (nest failure) has occurred. Active nests shall not be taken or destroyed under the MBTA and, for raptors, under the CDFW Code. If it is determined that construction activity is resulting in nest disturbance, work should cease immediately, and the Contractor shall notify the Engineer who will consult with the Designated Biologist and appropriate regulatory agencies. 5) If preconstruction surveys indicate that nests are inactive or potential habitat is unoccupied during the construction period, no further action is required. Trees and shrubs within the construction footprint that have been determined to be unoccupied by special-status birds or that are located outside the avoidance buffer for active nests may be removed. Nests initiated during construction (while significant disturbance from construction activities persist) may be presumed to be unaffected, and only a minimal buffer, determined by the Designated Biologist, would be necessary. <p>c. Roosting Bats:</p> <ul style="list-style-type: none"> 1) If construction commences between March 1 and July 31, during the bat maternity period, EBMUD will conduct a preconstruction survey for roosting bats within two weeks prior to construction to ensure that no roosting bats will be disturbed during construction. 2) If roosting surveys indicate potential occupation by a special-status bat species, and/or identify a large day roosting population or maternity roost by any bat species within 200 feet of a construction work area, the Designated Biologist shall conduct focused day- and/or night-emergence surveys, as appropriate. 3) If active maternity roosts or day roosts are found within the project site, or in areas subject to disturbance from construction activities, avoidance buffers shall be constructed. The buffer size will be determined by the Designated Biologist in consultation with CDFW. 4) If a non-breeding bat roost is found in a structure scheduled for modification or removal, the bats shall be safely evicted, under the direction of the Designated Biologist, in consultation with CDFW to ensure that the bats are not injured. 5) If preconstruction surveys indicate that no roosting is present, or potential roosting habitat is unoccupied during the construction period, no further action is required. Trees and shrubs within the construction footprint that have been determined to be unoccupied by roosting bats, or that are located outside the avoidance buffer for active roosting sites may be removed. Roosting initiated during construction is presumed to be unaffected, and no buffer would be necessary. 			
<p>Impact BIO-2: 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 CDFW or USFWS.</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.1(B), Site Activities</i> (Details as listed under Impact AES-1) <i>Section 1.4(A), Storm Water Management</i></p> <ul style="list-style-type: none"> 1. Construction General Permit <ul style="list-style-type: none"> a. Submit the Notice of Intent, Storm Water Pollution Prevention Plan (SWPPP), and all other documents prepared for compliance with the General Construction Storm Water Permit (NPDES No. CAS000002) to the Engineer and upload them in the SWRCB's Storm Water Multi-Application & Report Tracking System (SMARTS). 	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact BIO-2 (cont.)</p>	<ul style="list-style-type: none"> 1) The Engineer will electronically acknowledge appropriate submittals in SMARTS after review. 2) Contractor shall pay for all registration and annual fees under this permit/program. <p>2. Storm Water Management Plan</p> <ul style="list-style-type: none"> a. Submit a Storm Water Management Plan that describes measures that shall be implemented to prevent the discharge of contaminated storm water runoff from the jobsite. Contaminants to be addressed include, but are not limited to soil, sediment, concrete residue, pH less than 6.5 or greater than 8.5, and any other contaminants known to exist at the jobsite location as described in Document 00 31 24 – Materials Assessment Information. <p>3. Local Storm Water Permits</p> <ul style="list-style-type: none"> a. Obtain any local storm water permits (e.g. city, county, etc.), submit copies, and comply with their requirements. b. For jobs in unincorporated Contra Costa County that are greater than one acre, Contractor shall obtain and comply with Contra Costa County’s Watershed Program to enable the inspection of C.6 construction stormwater BMPs. <p><i>Section 1.4(B), Water Control and Disposal Plan</i></p> <ul style="list-style-type: none"> 1. Submit a detailed Water Control and Disposal Plan that complies with all requirements of the Specification and includes provisions for the types of discharges and permits in a through c below, if applicable to the project. <ul style="list-style-type: none"> a. Drinking Water System Discharges <ul style="list-style-type: none"> 1) Plan shall comply with Drinking Water Systems Discharges Statewide Permit, General Order CAG140001. <ul style="list-style-type: none"> a) Include the approximate discharge start date, location, receiving water, estimated flow rate, and volume of all proposed discharges to surface waters, including discharges to storm drains. b) Identify the tracking system to record all actual discharges to a surface water body or a storm drain system that drains to a surface water body, regardless of volume. c) Describe monitoring program for drinking water system discharges greater than 325,850 gallons. The Planned Discharge Tracking Form, attached to the end of this section, may be used to fulfill this requirement. d) Notify the Engineer at least one week prior to the start of a planned discharge equal to or greater than 325,850 gallons. e) Describe dechlorination and erosion/sediment controls to be used for discharges. Note: These controls shall meet or exceed EBMUD minimum standards (see Supplement 1 attached to the end of this section). f) Outline potential beneficial reuse of water from drinking water systems. Potential reuse strategies may include landscape irrigation, agricultural irrigation, dust control, and discharge to stormwater capture basins or other groundwater recharge systems. 2) Submit all records of actual discharges, monitoring, water quality data, and beneficial reuse described above to the Engineer. 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>3) Follow city/county/local requirements for discharging water from drinking water systems into storm drains.</p> <p>b. Non-Stormwater Discharges</p> <p>1) Plan shall describe measures for containment, handling, treatment (as necessary), and disposal of discharges such as groundwater (if encountered), runoff of water used for dust control, stockpile leachate, tank heel water, wash water, sawcut slurry, test water and construction water.</p> <p>c. Sanitary Sewer Discharges</p> <p>1) Plan shall describe required applications and/or permits from the sanitary sewer system owner or agency having jurisdiction regarding the planned discharge.</p> <p>a) Outline monitoring and reporting expected to support sanitary sewer discharge, including a sampling and analysis plan required in Paragraph 1.4.J. All monitoring results shall be submitted to the Engineer prior to the end of the Work.</p> <p>EBMUD Standard Construction Specification 01 35 45, Biological, Cultural, and Paleontological Resource Requirements <i>Section 3.1, Protection of Native and Non-Native Protected Trees</i> (Details as listed under Impact AES-1)</p>			
<p>Impact BIO-3: Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means.</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.1(B), Site Activities</i> (Details as listed under Impact AES-1) <i>Section 1.4(A), Storm Water Management</i> (Details as listed under Impact BIO-2) <i>Section 1.4(B), Water Control and Disposal Plan</i> (Details as listed under Impact BIO-2)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>
<p>Impact BIO-4: 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.</p>	<p>EBMUD Standard Construction Specification 01 35 45, Biological, Cultural, and Paleontological Resource Requirements <i>Section 3.2, Protection of Birds Protected Under the Migratory Bird Treaty Act and Roosting Bats</i> (Details as listed under Impact BIO-1)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact BIO-5: Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance.</p>	<p>EBMUD Standard Construction Specification 01 35 45, Biological, Cultural, and Paleontological Resource Requirements <i>Section 3.1, Protection of Native and Non-Native Protected Trees</i> (Details as listed under Impact AES-1)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>
<p>Cultural Resources</p>				
<p>Impact CUL-2: Cause a substantial adverse change in the significance of a unique archaeological resource pursuant to §15064.5.</p>	<p>EBMUD Standard Construction Specification 01 35 45, Biological, Cultural, and Paleontological Resource Requirements <i>Section 3.3, Protection of Cultural and Paleontological Resources</i></p> <p>A. Confidentiality of Information on Cultural and Paleontological Resources</p> <ol style="list-style-type: none"> 1. In conjunction with Contractor's performance under this contract, the Contractor may obtain information as to the location and/or nature of certain cultural or paleontological resources, including Native American artifacts and remains. This information may be provided to the Contractor by EBMUD or a third party, or may be discovered directly by the Contractor through its performance under the contract. All such information shall be considered "Confidential Information" for the purposes of this Article. 2. Pursuant to California Government Code Section 6254.10, cultural resource information is protected from public disclosure. The Contractor agrees that the Contractor, its subcontractors, and their respective agents and employees shall not publish or disclose any Confidential Information to any person, unless specifically authorized in advance, in writing by the Engineer. <p>B. Conform to the requirements of statutes as they relate to the protection and preservation of cultural and paleontological resources. Unauthorized collection of prehistoric or historic artifacts or fossils along the Work Area, or at Work facilities, is strictly prohibited.</p> <p>C. Before beginning construction, Contractor construction personnel involved in ground disturbing activities shall attend a cultural and paleontological resources training course provided by EBMUD of up to two hours for site supervisors, foreman, project managers, and non-supervisory contractor personnel. The training program will be completed in person or by watching a video, at an EBMUD designated location, conducted by a qualified archaeologist and/or paleontologist provided by EBMUD, or by EBMUD staff. The program will discuss cultural and paleontological resources awareness within the project work limits, including the responsibilities of Contractor's construction personnel, applicable mitigation measures, confidentiality, and notification requirements. The Contractor is responsible for ensuring that all workers requiring training are identified to EBMUD. Prior to accessing the construction site, or performing site work, all Contractor personnel shall:</p> <ol style="list-style-type: none"> 1. Sign an attendance sheet provided by the Engineer verifying that all Contractor construction personnel involved in ground disturbing activities have attended the appropriate level of training; have read and understood the contents of the training; have read and understood the contents of the "Confidentiality of Information on Cultural and Paleontological Resources" document, and shall comply with all project environmental requirements. <p>D. In the event that potential cultural or paleontological resources are discovered at the site of construction, the following procedures shall be instituted:</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact CUL-2 (cont.)</p>	<ol style="list-style-type: none"> 1. Discovery of prehistoric or historic-era archaeological resources requires that all construction activities shall immediately cease at the location of discovery and within 100 feet of the discovery. <ol style="list-style-type: none"> a. The Contractor shall immediately allow EBMUD to evaluate the find. The Contractor is responsible for stopping work and notifying the Engineer and shall not recommence work until authorized to do so by the Engineer. b. EBMUD will retain a qualified archaeologist to inspect the findings within 24 hours of discovery. If it is determined that the Project could damage a historical resource as defined by CEQA (or a historic property as defined by the National Historic Preservation Act of 1966, as amended), construction shall cease in an area determined by the archaeologist until a management plan has been prepared, approved by the Engineer, and implemented to the satisfaction of the archaeologist (and Native American representative if the resource is prehistoric, who shall be identified by the Native American Heritage Commission [NAHC]). In consultation with the Engineer, the archaeologist (and Native American representative) will determine when construction can resume. 2. Discovery of human remains requires that all construction activities immediately cease at, and within 100 feet of the location of discovery. <ol style="list-style-type: none"> a. The Contractor shall immediately notify the Engineer who will engage a qualified archaeologist provided by EBMUD to evaluate the find. The Contractor is responsible for stopping work and notifying the Engineer and shall not recommence work until authorized to do so by the Engineer. b. EBMUD will contact the County Coroner, who will determine whether or not the remains are Native American. If the remains are determined to be Native American, the Coroner will contact the Native American Heritage Commission (NAHC). The NAHC will then identify the person or persons it believes to be the most likely descendant from the deceased Native American, who in turn would make recommendations to EBMUD for the appropriate means of treating the human remains and any associated funerary objects. 3. Discovery of paleontological resources requires that all construction activities immediately cease at, and within 100 feet of the location of discovery. <ol style="list-style-type: none"> a. The Contractor shall immediately notify the Engineer who will engage a qualified paleontologist provided by EBMUD to evaluate the find. The Contractor is responsible for stopping work and notifying the Engineer and shall not recommence work until authorized to do so by the Engineer. b. EBMUD will retain a qualified paleontologist to inspect the findings within 24 hours of discovery. The qualified paleontologist, in accordance with Society of Vertebrate Paleontology guidelines (Society of Vertebrate Paleontology 2010), will assess the nature and importance of the find and recommend appropriate salvage, treatment, and future monitoring and management. If it is determined that construction activities could damage a paleontological resource as defined by the Society of Vertebrate Paleontology guidelines (Society of Vertebrate Paleontology 2010), construction shall cease in an area determined by the paleontologist until a salvage, treatment, and future monitoring and management plan has been prepared, approved by the Engineer, and implemented to the satisfaction of the paleontologist. The Engineer, in consultation with the paleontologist, will determine when construction can resume. 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Impact CUL-2 (cont.)	E. If EBMUD determines that the find requires further evaluation, at the direction of Engineer, the Contractor shall suspend all construction activities at the location of the find and within a larger radius, as required.			
Impact CUL-3: Disturb any human remains, including those interred outside of dedicated cemeteries.	EBMUD Standard Construction Specification 01 35 45, Biological, Cultural, and Paleontological Resource Requirements <i>Section 3.3, Protection of Cultural and Paleontological Resources (Details as listed under CUL-2)</i>	EBMUD and EBMUD's Contractors	EBMUD	Prior to and During Construction
Energy				
Impact EN-1: Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation.	EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.5, Air Quality Control (Details as listed under Impact AIR-1)</i>	EBMUD and EBMUD's Contractors	EBMUD	Prior to and During Construction
Geology, Soils, and Seismicity				
Impact GEO-1: Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: rupture of a known earthquake fault; strong seismic groundshaking; seismic-related ground failure (liquefaction, lateral spreading); or landslides.	EBMUD Standard Construction Specification 01 81 02, Seismic Design Criteria <i>Section 1.1 References:</i> A. ASCE 7 , American Society of Civil Engineers, Minimum Design Loads for Buildings and Other Structures. <i>Section 1.2 Related Sections</i> A. Section 01 42 19 – Reference Standards B. Section 01 43 11 – Seismic Qualification and Certification C. Section 05 05 19 – Mechanical Anchoring to Concrete and Masonry D. Section 26 05 00 – Common Work Results for Electrical E. Section 26 23 00 – Low Voltage Switchgear F. Section 26 24 19 – Motor Control Centers <i>Section 1.2 System Description</i> A. Design Requirements: 1. Architectural elements, mechanical and electrical components, equipment housings and their attachments, supporting structures, and anchorages shall comply with the requirements of ASCE 7, using the following values: a. Design spectral acceleration at short periods, SDS = ____ b. Design spectral acceleration at long periods, SD1 = ____ c. Seismic Design Category, [C] [D] [E] [F] d. Component importance Factor, Ip = 1.50			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact GEO-1 (cont.)</p>	<ul style="list-style-type: none"> e. Component amplification factor, ap: In accordance with ASCE 7, Tables 13.5-1 and 13.6-1. f. Component response modification factor, Rp: In accordance with ASCE 7, Tables 13.5-1 and 13.6-1. g. Overstrength Factor, Ω: In accordance with ASCE 7, Tables 13.5-1 and 13.6-1 for anchorage in concrete. <ol style="list-style-type: none"> 2. Do not use friction to resist sliding due to seismic forces. 3. Do not use more than 60 percent of the weight of the mechanical and electrical equipment for designing anchors for resisting overturning due to seismic forces. 4. Do not use more than 60 percent of the weight of the tanks for resisting overturning due to seismic forces. 5. Resist seismic forces through direct bearing on anchors and fasteners. Do not design or provide connections that use friction to resist seismic loads. 6. Anchoring and fastening to concrete and masonry. <ul style="list-style-type: none"> a. Use cast-in anchors (anchor bolts or welded studs) whenever possible for anchors at connections that resist seismic forces. b. Do not use concrete anchors, flush shells, sleeve anchors, screw anchors, powder actuated fasteners, or other types of post-installed anchors unless indicated on the Drawings or accepted in writing by the Engineer. <p><i>Section 1.3 Seismic Qualification and Certification</i></p> <ol style="list-style-type: none"> A. The equipment and all components listed in this specification shall not undergo loss of their intended function after application of the Code prescribed seismic forces as specified in Section 01 43 11. <p><i>Section 1.4 Submittals</i></p> <ol style="list-style-type: none"> A. Shop drawings and calculations: Complete shop drawings and seismic calculations. B. Seismic Qualification and Certification shall be verified by an approved calculation that demonstrates the adequacy of the system for seismic forces. This calculation may be based on principles of structural analysis and engineering mechanics, or based on similarity to approved shake table tests as specified in Section 01 43 11. C. Contractor shall submit for review and approval test data or calculations signed and sealed by a Civil or Structural Engineer registered in the State of California to show compliance with the above requirements. <p>EBMUD Engineering Standard Practice 512.1 Engineering Standard Practice 512.1, Water Main and Services Design Criteria, establishes basic criteria for the design of water pipelines and establishes minimum requirements for pipeline construction materials.</p> <p>EBMUD Engineering Standard Practice 550.1, Seismic Design Requirements Engineering Standard Practice 550.1, Seismic Design Requirements, sets forth minimum criteria for the seismic design of new and existing EBMUD facilities which include (but are not limited to) offices, operating centers, water and wastewater treatment plants, water and other liquids storage structures, pumping plants, retaining walls, underground vaults, pipelines, and miscellaneous structures not covered above.</p>			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact GEO-2: Result in substantial soil erosion or the loss of topsoil.</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.1(B), Site Activities</i> (Details as listed under Impact AES-1) <i>Section 1.4(A), Storm Water Management</i> (Details as listed under Impact BIO-2)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>
<p>Impact GEO-3: 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.</p>	<p>EBMUD Standard Construction Specification 01 35 24, Project Safety Requirements <i>Section 1.3(L), Excavation Safety Plan</i></p> <ol style="list-style-type: none"> 1. Section 6705 of the Labor Code requires that the excavation of any trench 5 feet or more in depth shall not begin until the Contractor has received from the Engineer notification of the Engineer's acceptance of the Contractor's detailed plan for worker protection from the hazards of caving ground during the excavation of such trench. <ol style="list-style-type: none"> a. The plan shall show the details of the design of shoring, bracing, sloping or other provisions to be made for worker protection during such excavation. b. The plan shall meet the requirements of the Construction Safety Orders, Title 8, California Code of Regulations. 2. Contractor shall obtain an excavation permit per Cal/OSHA Title 8, CCR § 341(a)(1). 3. California Government Code § 4216 describes the requirements and procedures for excavation notifications and utility excavation. 	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>
<p>Impact GEO-5: Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature.</p>	<p>EBMUD Standard Construction Specification 01 35 45, Biological, Cultural, and Paleontological Resource Requirements <i>Section 3.3, Protection of Cultural and Paleontological Resources</i> (Details as listed under Impact CUL-2)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>
<p>Greenhouse Gas Emissions</p>				
<p>Impact GHG-1: Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment.</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.5, Air Quality Control</i> (Details as listed under Impact AIR-1)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>
<p>Impact GHG-2: Conflict with a plan, policy, or regulation adopted for the purpose of reducing GHG emissions.</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.5, Air Quality Control</i> (Details as listed under Impact AIR-1)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Hazards and Hazardous Materials				
<p>Impacts HAZ-1 and HAZ-2: Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment.</p>	<p>EBMUD Standard Construction Specification 01 35 24, Project Safety Requirements <i>Section 1.3(B), Project Health and Safety Plan</i></p> <ol style="list-style-type: none"> 1. Submit a Project Health & Safety Plan for the Work to be performed prior to start of the Notice to commence field work (NTCFW) and/or prior to any limited notice to commence field work (LNTCFW). 2. The Project Health & Safety Plan shall implement applicable Title 8, California Code of Regulations for the work performed. <p><i>Section 1.3(K), Electrical Safety Plan</i></p> <ol style="list-style-type: none"> 1. Submit a detailed electrical safety plan that is in accordance with NFPA 70E Article 110. The plan shall include at a minimum: <ol style="list-style-type: none"> a. Electrical hazard potential b. Electrical safety program principles per Annex E.1 of NFPA 70E c. Electrical safety program controls per Annex E.2 of NFPA 70E d. Electrical safety program procedures per Annex E.3 of NFPA 70E e. Risk assessment and risk control procedures per Annex F of NFPA 70E f. Job briefing and planning checklists per Annex I of NFPA 70E g. Auditing effectiveness of project electrical safety program <p><i>Section 1.3 (L) Excavation Safety Plan (Details as listed under GEO-3)</i></p> <p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, <i>Section 1.1(B), Site Activities (Details as listed under AES-1)</i> <i>Section 1.4(A), Storm Water Management (Details as listed under BIO-2)</i> <i>Section 1.4(B), Water Control and Disposal Plan (Details as listed under BIO-2)</i> <i>Section 1.4(C), Waste Management</i></p> <ol style="list-style-type: none"> 1. Prepare a Waste Management Plan and submit a copy of the plan for the Engineer's acceptance prior to start of work (except for water wastes which shall be addressed in the Water Control and Disposal Plan). The Waste Management Plan shall address all Construction and Demolition Waste, universal wastes, Hazardous Wastes, Excavation Soils, and any other solid debris intended to be removed from the project site(s). <ol style="list-style-type: none"> a. Identify each type of material that will be generated during the project for disposal, recycling, salvage, or other management and estimate the volume/weight of each. b. Identify how the Contractor will handle, transport, dispose of, or otherwise divert each type of material required to be removed under this contract in a safe, appropriate, and lawful manner in compliance with all applicable regulations of local, state, and federal agencies having jurisdiction over the removed materials. c. Specify rules, regulations, and ordinances in the plan required by local agencies having jurisdiction over the handling, transportation, and disposal of waste. At a minimum, the following local rules, regulations or ordinances shall be followed: d. Identify diversion goals for all Construction and Demolition Wastes generated during the project. The specified diversion goals shall meet the minimum requirements of the local ordinances in the City/County/jurisdiction where each project site is located. 	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impacts HAZ-1 and HAZ-2 (cont.)</p>	<ul style="list-style-type: none"> e. Identify any onsite or offsite soil reuse or recycling but note the limitations on this practice below. <ul style="list-style-type: none"> 1) Excavation Soils shall not be reused or recycled without explicit approval from the Engineer. Do not assume approval for any reuse of soils. Any proposed reuse shall be initially discussed with the Engineer for evaluation. If soil reuse is planned onsite or offsite, include a Soil Reuse Plan within the Waste Management submittal outlining sites and specific locations where soil will be reused and the estimated volumes of soil to be used at each site. Necessary sampling and analytical work shall be included in the Sampling and Analytical Plan submittal in Paragraph 1.4.J1.4.I. 2) Soil reuse is not allowed in excavations for EBMUD drinking water pipelines. 3) Soil reuse is not allowed at sites with land use covenants or other site restrictions. 4) Notwithstanding items 2 and 3 above, soil reuse may be allowed in other circumstances as outlined below: <ul style="list-style-type: none"> a) Soil may be placed in the same trench or excavation it came from on EBMUD property if no evidence of contamination (e.g. oil, sheen, chemical odors, discoloration, etc.) is found in the excavated soil. b) Soil may be sent to offsite reuse facilities with published contaminant acceptance criteria when: <ul style="list-style-type: none"> i) Offsite facility is on EBMUD-Approved Disposal Facility list ii) Offsite facility has regulatory approval to accept soil iii) Contractor tests soil for acceptability at facility iv) Contractor submits test results and approval of facility receiving soil for reuse f. Include a list of recycling facilities and processing facilities that will be receiving recyclable or recoverable materials, including, but not limited to concrete, asphalt, and metals. g. Identify materials that are not recyclable or not recovered which will be disposed of in a landfill (or other means acceptable by the State of California and local ordinance and regulations). List the permitted landfill, or other permitted disposal facilities, which will be accepting the disposed waste materials. All landfills, hazardous waste, and universal waste disposal sites shall be approved for use by the Engineer. Engineer will provide a list of approved facilities. h. Identify how the Contractor will comply with DTSC Alternative Management Strategies (AMS) when handling and disposing of TWW in compliance with Health and Safety Code Section 25230. i. Plan should state that TWW records demonstrating proper management of TWW shall be submitted to the Engineer within 5 work days of off-haul. j. Describe planned sampling and analysis for characterizing wastes or the Sampling and Analysis Plan below in Paragraph 1.4.J. 2. The following additional waste management provisions shall be included in the Waste Management Plan to demonstrate compliance with requirements of local agencies having jurisdiction over the handling, transportation, and disposal of waste. <ul style="list-style-type: none"> a. Include a good faith quantity estimate of each type of Construction and Demolition Waste that would be generated if no diversion methods were implemented. Submit 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impacts HAZ-1 and HAZ-2 (cont.)</p>	<p>estimate with calculations based on weight of each material. The following materials are subject to the estimate requirement:</p> <ol style="list-style-type: none"> 1) Asphalt 2) Concrete 3) Aggregates 4) Brick, masonry, clay products, and ceramic tile 5) Excavation Soils 6) Wood products, including clean dimensional wood, palette wood, plywood, OSB, and particleboard 7) Metals, including banding, ductwork, flashing, piping, rebar, steel, iron, galvanized sheet steel, stainless steel, aluminum, copper, zinc, lead, brass and bronze 8) Plant and tree trimmings (may be included in wood products if accepted by recycling service) 9) Cardboard, paper products, and packaging 10) Treated Wood Waste 11) Drywall 12) Mixed waste, including, but not necessarily limited to the following: <ol style="list-style-type: none"> a) Beverage containers b) Insulation c) Roofing d) Glass, excluding that used for containers e) Gypsum board f) Acoustical ceiling materials g) Plastics, including ABS, PVC, and piping h) Latex paint i) Other materials <ol style="list-style-type: none"> b. Specify the haulers that will be used to transport or haul waste to landfills and disposal/reuse/recycling sites. c. Include an example of a waste log or other tracking mechanism that will clearly show each load and its destination. The record shall clearly distinguish between anything sent to landfill or recycling/reuse or salvage. <ol style="list-style-type: none"> 1) Include in log the type of load, load weight, name of hauling service, recycling service or landfill, and date accepted by recycling service or by landfill (or other service). d. Submit copies of any submittals to local agencies required by their local ordinance. This includes permit applications, Waste Reduction and Recycling Plans, Construction and Demolition Summary Reports, or other similar documents. The permit application and Waste Reduction and Recycling Plan shall be submitted as an Appendix to the Waste Management Plan when possible. <ol style="list-style-type: none"> 3. For any proposed facility that is not on EBMUD-approved disposal list, submit permission to reuse, recycle, reclaim, or dispose of material from the site owner along with any other 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impacts HAZ-1 and HAZ-2 (cont.)</p>	<p>information needed by EBMUD to evaluate the acceptability of the proposed reuse, recycling, or disposal site and obtain acceptance of the Engineer prior to removing any material from the project site.</p> <p>4. All information pertinent to the characterization of the material or waste shall be disclosed to EBMUD and the reuse, recycling, reclamation, or disposal facility. Submit copies of any profile forms and/or correspondence between the Contractor and the reuse, recycling, reclamation, or disposal facility.</p> <p><i>Section 1.4(E), Spill Prevention and Response Plan</i></p> <p>1. Submit plan detailing the means and methods for preventing and controlling the spilling of known hazardous substances used on the jobsite or staging areas.</p> <p>a. Include a list of the hazardous substances proposed for use or generated by the Contractor on site, including petroleum products.</p> <p>b. Define measures that will be taken to prevent spills, monitor hazardous substances, and provide immediate response to spills.</p> <p>c. Include provisions for notification of the Engineer or alternate contact and appropriate agencies including phone numbers; spill-related worker, public health, and safety issues; spill control, and spill cleanup.</p> <p>d. Map showing hazardous materials project-related storage locations, names of the hazardous materials, and volumes/quantities.</p> <p>e. Submit a Safety Data Sheet (SDS) for each hazardous substance proposed to be used prior to delivery of the material to the jobsite.</p> <p><i>Section 1.4(I), Waste Disposal Records</i></p> <p>1. Copies of waste management and disposal records including bills of lading, manifests, weight tickets, and receipts from waste management facilities shall be submitted to the Engineer. This provision applies to Hazardous Wastes, universal wastes, treated wood wastes, solid wastes disposed at landfills, and radioactive wastes.</p> <p>2. Hazardous Waste Manifests</p> <p>a. Use the "Uniform Hazardous Waste Manifest", EPA form 8700-22. Contractor shall prepare and Engineer will review all hazardous waste manifests for acceptability prior to use.</p> <p>b. Submit the "Generator's Initial Copy" and a legible photocopy of the first page of hazardous waste manifests, land disposal restriction forms, or other documentation required by applicable regulations governing transport and disposal of Hazardous Wastes for disposal of hazardous substances within 5 days of off haul.</p> <p>3. TWW Records</p> <p>a. Submit all disposal records to the Engineer within 5 work days of off-haul.</p> <p>b. Records shall include:</p> <p>1) Name and address of the TWW facility to which the TWW was sent</p> <p>2) Estimated weight of TWW, or the weight of the TWW as measured by the receiving TWW facility</p> <p>3) EPA ID (for quantities greater than 10,000 pounds)</p> <p>4) Date of the shipment of TWW.</p>			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impacts HAZ-1 and HAZ-2 (cont.)</p>	<p>EBMUD Standard Construction Specification 02 82 13, Asbestos Control Activities <i>Section 1.1, Compliance and Intent</i> (Details as listed under Impact AIR-1) <i>Section 1.5, Submittals (Pre-Job)</i> (Details as listed under Impact AIR-1)</p> <p>EBMUD Standard Construction Specification 02 83 13, Lead Hazard Control Activities</p> <p>A. Furnish all labor, materials, facilities, equipment, services, employee training and testing, permits, and agreements necessary to perform the lead removal in accordance with these specifications and with the latest regulations from the U.S. Environmental Protection Agency (EPA), the Occupational Safety and Health Administration (OSHA), the Air Quality Management District with authority over the project, the Cal/EPA Department of Toxic Substance Control, the California Occupational Safety and Health Administration (Cal/OSHA), and other federal, state, county, and local agencies. Whenever there is a conflict or overlap of the above references, the most stringent provision is applicable.</p> <p>B. During demolition procedures, the Contractor shall protect against contamination of soils, water, adjacent buildings and properties, and the airborne release of hazardous materials and dusts. The costs associated with the implementation of controls will be incurred by the Contractor.</p> <p>C. Any information developed from exploratory work done by EBMUD and any investigation done by the Contractor to acquaint himself with available information will not relieve the Contractor from the responsibility of properly estimating the difficulty or cost of successfully performing the work. EBMUD is not responsible for any conclusions or interpretations made by the Contractor based on the information made available by EBMUD or EBMUD's representative.</p> <p>D. Hazardous materials uncovered during the demolition activities shall be disposed of in an approved manner complying with all applicable federal, state, and local regulations. Appropriate waste manifests shall be furnished to the Engineer as per Section 01 35 44 – Environmental Requirements. Materials are conveyed to the Contractor "as is," without any warranty, expressed or implied, including but not limited to, any warranty to marketability or fitness for a particular purpose, or any purpose.</p> <p><i>Section 1.4, Submittals (Pre-Job)</i></p> <p>A. Site safety plan: The Contractor shall provide a site safety plan prior to project initiation as specified in Section 01 35 24 – Project Safety Requirements.</p> <p>B. Lead Demolition Plan: Lead-containing coating handling, engineering control, removal, and disposal procedures</p> <p>C. Cal/OSHA Lead Work Pre-Job Notification, if required</p> <p>D. Submittal of worker documentation for employees used on the job</p> <p> 1. Lead-Containing Coating Demolition Work: All Contractor's supervisors and workers performing lead-containing coating work shall meet the requirements of the California Department of Health Services (DHS) lead-related construction interim certification (17 CCR 350001).</p> <p>E. Licenses: Submit copies of state and local licenses and evidence of Cal-OSHA certification and permits necessary to perform the work of this contract.</p> <p>F. Submit name and Environmental Laboratory Accreditation Program Certificate number of laboratory that will test samples collected during air monitoring. See Article 3.2 below.</p>			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impacts HAZ-1 and HAZ-2 (cont.)</p>	<p>EBMUD Engineering Standard Practice 514, Identifying Buried Conflicts Purpose: to provide pipeline project guidelines for the investigation needed to identify existing underground utilities, and to establish a uniform approach for site reconnaissance of existing buried conflicts, such as active and abandoned utilities. Minimum steps required to identify existing utilities are also provided. Efforts made during the planning, design, and pre-construction phases to identify existing buried conflicts should lessen the potential for subsequent impacts during construction.</p> <p>EBMUD Procedure 711, Hazardous Waste Removal Purpose: To define hazardous waste and establish removal responsibilities for hazardous wastes generated at EBMUD facilities. Definitions:</p> <ul style="list-style-type: none"> • Waste: Any solid, liquid, or contained gaseous material that is (1) disposed of, recycled, or incinerated, or (2) accumulated, stored, or treated before or in lieu of being disposed of, recycled, or incinerated. • Hazardous Waste: Any waste that meets the criteria for identification of a hazardous waste as set forth in California Code of Regulations, Title 22, Section 66261.3. A waste may be hazardous if it exhibits one or more of the characteristics of toxicity, reactivity, corrosivity, or ignitability, or if it is included on a specific list of wastes the U.S. Environmental Protection Agency (EPA) and/or California Department of Toxic Substances Control (DTSC) has determined are hazardous because the waste poses substantial present or potential hazards to human health or the environment. • Hazardous Waste Manifest: EPA's hazardous waste manifest is a document (paper or electronic) designed to track hazardous waste from the moment it leaves the facility where it was generated, until it reaches the off -site waste management facility that will store, treat and/or dispose of the hazardous waste. The manifest is what ties the generator to the waste from "cradle to grave". • These definitions are instructive but not comprehensive. State and federal legal definitions of hazardous waste are complex and subject to exceptions. Waste sample collection, analyses, and data comparison with Title 22 action levels may be necessary to determine if a waste is a hazardous waste. <p>Responsibilities:</p> <ul style="list-style-type: none"> • The Work Unit Supervisor or Project Manager (or his/her designee) <ul style="list-style-type: none"> ○ Identifies hazardous wastes and/or wastes requiring a determination for hazardous or non-hazardous classification and informs the Environmental Compliance Section (ECS). ○ Contacts ECS staff to coordinate waste disposal, reuse, or recycling. ○ Provides all known information about the waste to the ECS. ○ Labels, stores, inspects, and maintains the waste inventory records as directed by the ECS. ○ Ensures that the waste is available for transportation as scheduled through the ECS. ○ Helps the ECS coordinate interim storage of non-routine hazardous waste while an appropriate disposal method is being determined. ○ Reviews, with assistance from the ECS, Hazardous Waste Manifests (Manifest) prepared by haulers, to confirm the accuracy of information. 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impacts HAZ-1 and HAZ-2 (cont.)</p>	<ul style="list-style-type: none"> ○ Signs the Manifest, if authorized and trained by the ECS. ○ For paper manifests, sends the signed Generator copy of the Manifest to the ECS within seven (7) days of the off-haul date, unless the ECS has an agreement that the transporter sends the Generator copy directly to the ECS. ○ Provides the ECS with a budget unit number and a job number. ● Environmental Compliance Section <ul style="list-style-type: none"> ○ Coordinates the appropriate steps to determine if the waste is hazardous. ○ Determines, with the help of the relevant department, what analyses are required to classify the waste. ○ Works with the EBMUD Laboratory and/or retained hazardous and nonhazardous waste management services contractor to analyze the waste or to assist in identifying other laboratories certified to perform the analyses. ○ Reviews analytical data to characterize the waste. ○ Obtains and provides EPA generator identification number. ○ Identifies and/or manages companies providing hazardous waste management services (sampling, hauling, and disposal) depending on EBMUD departmental needs. ○ Identifies and approves the waste disposal, reuse, or recycling method; additionally identifies disposal, reuse, or recycling facility. ○ Obtains hazardous waste acceptance documents (e.g., waste profile) from the disposal facility and provides to generating department to be included with hazardous waste shipment, as needed. ○ Provides training and guidance to unit or project staff on hazardous waste handling, disposal and Manifest completion requirements. ○ Reviews completed and signed Manifests prior to submittal to DTSC. ○ Tracks Manifest in dedicated database, and generates reports and summaries as needed. ○ Completes hazardous waste reporting requirements including, but not limited to: Biennial Reports, Waste Minimization Plans, and hazardous waste fee and tax forms. ○ Provides additional information as needed. 			
<p>Impact HAZ-3: Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires.</p>	<p>EBMUD Standard Construction Specification 01 35 24, Project Safety Requirements <i>Section 1.3(B), Project Safety and Health Plan</i> (Details as listed under Impact HAZ-1 and HAZ-2) <i>Section 1.3(E), Emergency Action Plan</i></p> <p>E. Submit an Emergency Action Plan that prepares responses to employee accident/injury events, or any serious unplanned event (e.g.: utility break, fire, structure collapse, etc.) that requires notifying any first aid provider or responsive response agencies (e.g.: fire departments, utility agencies, rescue teams, etc.)</p> <ol style="list-style-type: none"> 1. Plan shall include a map to medical facilities that are capable of caring for worker accidents & injury. 2. Plan shall include emergency contact numbers. <p><i>Section 3.2(G), Fire Prevention and Protection</i></p>	<p>EBMUD and EDMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Impact HAZ-3 (cont.)	<p>G. Fire Prevention and Protection</p> <ol style="list-style-type: none"> 1. Perform all Work in a fire safe manner and supply and maintain on the site adequate fire fighting equipment capable of extinguishing incipient fires. Comply with applicable federal, local, and state fire prevention regulations. Where these regulations do not apply, applicable parts of the National Fire Prevention Standards for Safeguarding Building Construction Operations (NFPA No. 241) shall be followed. 2. A long-handled, round-point shovel, or a fire extinguisher shall be kept at an accessible (unlocked) location on the construction site at all times. 3. Earthmoving and portable equipment with internal combustion engines shall be equipped with a spark arrestor to reduce the potential for igniting a wildfire. Such equipment shall be maintained to ensure proper functioning of spark arrestor. 4. For all work occurring between April 1 and December 1, or any other periods during which a high fire danger has been identified: <ol style="list-style-type: none"> a. Equipment that could produce a spark, fire, or flame shall not be used within 10 feet of any flammable materials. b. Portable tools powered by gasoline-fueled internal combustion engines shall not be used within 25 feet of any flammable materials. 5. Vegetation management for fire prevention and protection <ol style="list-style-type: none"> a. Prior to and during construction: <ol style="list-style-type: none"> 1) Create and maintain a defensible space (100 feet or to EBMUD property boundary, whichever is shorter) around construction site, construction ingress and egress sites through landscaping, mowing, disking, and/or spraying dry brush or native grasses to a height of 4-inches or less. 2) Remove dead trees within 100-feet of construction site. 3) Limb up trees within 100 feet of construction site so that no leafy foliage, twigs or branches are within 5-feet of the ground. To maintain tree health, tree limbing shall not remove more than 25 percent of a tree canopy within one growing season. 4) Ensure and maintain 5-feet of vertical clearance between roof surfaces and portions of trees overhanging all structures within construction site, and keep roofs free of leaves, needles, twigs, and other combustible matter. To maintain tree health, tree limbing shall not remove more than 25 percent of a tree canopy within one growing season. 5) Keep all overhanging trees, shrubs, and other vegetation, or portions thereof, free of dead limbs, branches, and other combustible matter. b. Neatly stack all combustible materials away from structures within construction site and have all combustible growth cleared 15-feet around the stack. 6. During construction, maintain an unobstructed horizontal clearance at access drives of not less than the required width of the access drives, and an unobstructed vertical clearance of not less than 13 feet 6 inches above all roadways. 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Hydrology and Water Quality				
<p>Impact HYD-1: Violate any water quality standards or waste discharge requirements, or otherwise substantially degrade water quality</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.1(B), Site Activities</i> (Details as listed under Impact AES-1) <i>Section 1.4(A), Storm Water Management</i> (Details as listed under Impact BIO-2) <i>Section 1.4(B), Water Control and Disposal Plan</i> (Details as listed under Impact BIO-2) <i>Section 1.4(E), Spill Prevention and Response Plan</i> (Details as listed under Impact HAZ-1 and HAZ-2)</p> <p>EBMUD Standard Construction Specification 01 74 05, Cleaning (Details as listed under Impact AES-1)</p> <p>EBMUD Procedure 711, Hazardous Waste Removal (Details as listed under Impact HAZ-1 and HAZ-2)</p>	<p>EBMUD and EDMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>
<p>Impact HYD-3: Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would result in substantial erosion or siltation on- or off-site, substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site, or 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.</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.1(B), Site Activities</i> (Details as listed under Impact AES-1) <i>Section 1.4(A), Storm Water Management</i> (Details as listed under Impact BIO-2) <i>Section 1.4(B), Water Control and Disposal Plan</i> (Details as listed under Impact BIO-2)</p>	<p>EBMUD and EDMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>
<p>Impact HYD-4: Conflict with or obstruct implementation of a Water Quality Control Plan or Sustainable Groundwater Management Plan.</p>	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.4(A), Storm Water Management</i> (Details as listed under Impact BIO-2)</p>	<p>EBMUD and EDMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Noise and Vibration				
<p>Impact NOI-1: Result in the generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.</p>	<p>EBMUD Standard Construction Specification 01 14 00, Work Restrictions <i>Section 1.7, Construction Noise</i></p> <p>A. Noise-generating activities greater than 90 dBA (impact construction such as concrete breaking, concrete crushing, tree grinding, etc) shall be limited to the hours of 7 a.m. and 7 p.m., Monday through Friday.</p> <p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.4(G), Noise Control and Monitoring Plan</i></p> <p>1. Submit a plan detailing the means and methods for controlling and monitoring noise generated by construction activities, including demolition, alteration, repair or remodeling of or to existing structures and construction of new structures, as well as by items of machinery, equipment or devices used during construction activities on the site. The plan shall detail the equipment and methods used to monitor compliance with the plan.</p> <p><i>Section 3.8, Noise Control</i></p> <p>A. Comply with sound control and noise level rules, regulations, and local ordinances and in the CEQA documents which apply to any work performed pursuant to the contract. Noise-generating activities shall be limited to the hours specified in Section 01 14 00.</p> <p>B. Take appropriate measures, including muffling of equipment, selecting quieter equipment, erecting noise barriers, modifying work operations, and other measures as needed to bring construction noise into compliance.</p> <p>C. Each internal combustion engine, used for any purpose on the job or related to the job, shall be equipped with a muffler of a type recommended by the manufacturer.</p> <p>D. Use the best available noise control techniques (including mufflers, intake silencers, ducts, engine enclosures, and acoustically attenuating shields or shrouds) for all equipment and trucks, as necessary.</p> <p>E. Truck operations (haul trucks and concrete delivery trucks) shall be limited to the daytime hours specified in Section 01 14 00.</p> <p>F. Stationary noise sources (e.g., chippers, grinders, compressors) shall be located as far from sensitive receptors as possible. Enclosure opening or venting shall face away from sensitive receptors. Enclosures shall be designed by a registered engineer regularly involved in noise control analysis and design.</p> <p>G. If impact equipment (e.g., jack hammers, pavement breakers, rock drills etc.) is used during project construction, Contractor is responsible for taking appropriate measures, including but not limited to the following:</p> <p>1. Hydraulically or electric-powered equipment shall be used wherever feasible to avoid the noise associated with compressed-air exhaust from pneumatically powered tools. However, where use of pneumatically powered tools is unavoidable, an exhaust muffler on the compressed-air exhaust shall be used. External jackets on the tools themselves shall be used, where feasible. Quieter procedures, such as drilling rather than impact equipment, shall be used whenever feasible. It is the Contractor's responsibility to implement any measures necessary to meet applicable noise requirements.</p> <p>2. Impact construction including jackhammers, hydraulic backhoe, concrete crushing/recycling activities, vibratory pile drivers etc. shall be limited to the daytime hours specified in Section 01 14 00.</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Impact NOI-1 (cont.)	<ol style="list-style-type: none"> 3. Erect temporary noise barriers or noise control blankets around the construction site, particularly along areas adjacent to residential buildings. 4. Limit the noisiest phases of construction to 10 work days at a time, where feasible. 5. Notify neighbors/occupants within 300 feet of project construction at least thirty days in advance of extreme noise generating activities about the estimated duration of the activity. 6. Noise Monitoring shall be conducted periodically during noise generating activities. Monitoring shall be conducted using a precision sound-level meter that is in conformance with the American National Standards Institute (ANSI) Standard S1.4, Specification for Sound Level Meters. Monitoring results shall be submitted weekly to the Engineer. <p>EBMUD Procedure 600 (Details as listed under Impact AIR-1)</p>			
Impact NOI-2: Result in the generation of excessive groundborne vibration or groundborne noise levels.	<p>EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.4(H), Vibration Control and Monitoring Plan</i></p> <ol style="list-style-type: none"> 1. Submit a plan detailing the means and methods for controlling and monitoring surface vibration generated by demolition and other work on the site. The plan shall detail the equipment and methods used to monitor compliance with the plan. <p><i>Section 3.7, Vibration Control</i></p> <p>A. Limit continuous surface vibration to no more than 0.5 in/sec Peak Particle Velocity (PPV), measured at the nearest residence or other sensitive structure. See Section 01 14 00.</p>	EBMUD and EBMUD's Contractors	EBMUD	Prior to and During Construction
Transportation				
Impact TRA-1: Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities.	<p>EBMUD Standard Construction Specification 01 32 36, Video Monitoring and Documentation <i>PART 1 - General</i></p> <p><i>1.1 Summary</i></p> <p>A. Section includes:</p> <ol style="list-style-type: none"> 1. Audio-video documentation utilizing digital recording of surface features, supplemented by photography, that may be taken along the entire length of the project and may include work and storage areas, adjacent properties, and/or intersecting roadways. <ol style="list-style-type: none"> a. Prior to audio-video recording of the project, all areas to be inventoried shall be investigated visually with notations made of items not readily visible by audio-video recording or photographic methods. <p>B. Related sections:</p> <ol style="list-style-type: none"> 1. Section 01 11 00 – Summary of Work 2. Section 01 31 23.10 – Web-based Construction Document Management 3. Section 01 33 00 – Submittal Procedures <p><i>1.2 Site Survey Audio-Video Recording Requirements</i></p> <p>A. The Contractor shall employ a qualified videographer, experienced in taking properly documented and annotated video to perform the Pre-Construction Site Survey, which shall be completed within 20 days after the issuance of the Notice to Proceed. The Pre-Construction Site Survey shall be completed and accepted prior to EBMUD issuance of the Notice to Commence Field Work (NTCFW).</p> <p>B. Pre-Construction Site Survey: The Contractor shall perform a Pre-Construction Site Survey of:</p>	EBMUD and EBMUD's Contractors	EBMUD	Prior to and During Construction

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Impact TRA-1 (cont.)	<ul style="list-style-type: none"> 1. The project alignment 2. Proposed equipment and material staging areas 3. Access and haul routes to be utilized during construction (San Luis Road between Casa Way and Larkey Lane and on Larkey Lane between San Luis Road and Alfred Avenue), <p>C. Prior to commencement of the Pre-Construction Site Survey recording, the Contractor shall notify the Engineer in writing within 48 hours of the recording. EBMUD will provide a designated representative to accompany and observe audio-video recording operations. Audio-video recording completed without an EBMUD Representative present will be unacceptable unless specifically authorized in writing and in advance by EBMUD.</p> <p>D. Provide a copy of the Pre-Construction Site Survey to EBMUD for review and comment. The Survey shall include all audio-video recordings, photography, annotations and all documentation. If the Engineer determines that critical areas are missing from the survey, the Contractor shall provide additional recording and documentation of the requested area and locations.</p> <p>E. Post-Construction Site Survey: The Contractor shall perform a Post-Construction Site Survey of the same areas recorded in the Pre-Construction Site Survey. The Engineer will review post-construction survey findings with the Contractor and develop a complete listing of project site restoration requirements to be accomplished by the Contractor. Prior to commencement of Post-Construction Site Survey recording, the Contractor shall notify the Engineer in writing within 48-hours of the recording. EBMUD will provide a designated representative to accompany and observe audio-video recording operations. Audio-video recording completed without an EBMUD Representative present will be unacceptable unless specifically authorized in writing and in advance by EBMUD.</p> <p>F. The Contractor shall be responsible for repairing any damage or defects not documented as existing prior to construction.</p> <p><i>Part 2 - Products</i></p> <p><i>2.1 Audio-Video Recording</i></p> <ul style="list-style-type: none"> A. The resolution of the video shall be 1080p or higher. B. The format of the site survey shall be a digital audio-video file in mp4, avi, or mpg with narrative. C. Each recording shall contain the following information and arrangement at the beginning as a title screen: <ul style="list-style-type: none"> 1. "EBMUD" 2. PROJECT NAME 3. PROJECT NUMBER 4. CONTRACTOR: (Name of Contractor) 5. DATE: (When video was recorded) 6. VIDEO BY: (Firm Name of Videographer) 7. LOCATION: (Description of Location(s), View(s), Direction of Travel) D. Information appearing on the video recording must be continuous and run simultaneously by computer generated transparent digital information. No editing or overlaying of information at a later date will be acceptable. E. Time must be accurate and continuously displayed on the recording. 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact TRA-1 (cont.)</p>	<p>F. Written documentation must coincide with the information on the recordings so as to make easy retrieval of locations at a later date.</p> <p>G. The video recording system shall have the capability to transfer individual frames of video electronically into hard copy prints or photographic negatives.</p> <p>H. The finalized audio-video recordings shall be saved on appropriate physical media (e.g. USB flash drive, DVD) viewable on computer with standard media player software and shall contain a Table of Contents outlining the file folder hierarchy and description of files included.</p> <p>I. The physical media shall be labeled with the following information:</p> <ol style="list-style-type: none"> 1. "EBMUD" 2. Project Name and Number 3. Date of Recording 4. Contractor Name 5. Videographer Name <p>J. Ownership of Recordings: All audio-video recordings will become the property of EBMUD.</p> <p>K. Any portion of the recorded coverage deemed unacceptable by EBMUD shall be re-taped by the Contractor at no additional cost to EBMUD.</p> <p><i>Part 3 - Execution</i></p> <p><i>3.1 Views and Narrative Required</i></p> <p>A. Prior to conducting the survey, the Contractor shall discuss with the Engineer to establish specific areas that must be recorded. If surveying of these areas requires private property access, the Contractor shall obtain written permission from the property owner(s), which shall be submitted to the Engineer.</p> <p>B. [Coverage shall include all surface features within 100-feet of the limits of Work to be used by the Contractor and shall be supported by appropriate audio description made simultaneously with video coverage.]</p> <p>C. Such coverage shall include, but not be limited to, existing driveways, sidewalks, pavement, curbs, gutters, ditches, berms, roadways, landscaping, trees, culverts, headwalls, and retaining walls, fencing, gates, handrails, signage, manholes, vaults, utility boxes, lighting, traffic signals and controls, loop detectors, landscaping, irrigation controllers, street furniture, equipment, appurtenances, structures, and other existing features etc. located within the work zone. Video coverage shall extend to the maximum height of all structures within the work zone.</p> <p>D. [When the Work includes construction of water, wastewater, recycled, or other lines in the vicinity of any street or road, the Contractor shall take digital audio-video recordings of existing conditions along both sides of the street or road.]</p> <p>E. All video recording shall be done during times of good visibility. No outside recording shall be done during periods of visible precipitation, mist, fog, or when the ground area is covered with snow, standing water, leaves or debris, unless otherwise authorized by the Engineer.</p> <p>F. Sufficient sunlight shall be present to properly illuminate the subjects of recording and to produce bright, sharp video recordings of those subjects. Shadowing and glare shall be avoided. In order to produce the proper detail and perspective, adequate auxiliary lighting shall be provided to fill in shadow areas caused by trees, utility poles, road signs and other such objects, as well as other conditions requiring artificial illumination.</p>			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Impact TRA-1 (cont.)	<p>G. The camera shall be firmly stabilized such that transport of the camera during the recording process will not cause an unsteady picture.</p> <p>H. The average rate of speed in the general direction of travel of the conveyance used during taping shall not exceed 60-feet per minute. Panning rates and zoom-out rates shall be controlled sufficiently so that playback will produce adequate clarity of the object and features of interest being viewed.</p> <p>I. When conventional wheeled vehicles are used as conveyances for the recording, the distance from the camera lens to the ground shall be such as to ensure proper perspective. In instances where tape coverage will be required in areas not accessible to conventional wheeled vehicles, such coverage shall be obtained by walking or by special conveyance approved by the Engineer but with the same requirements for tape quality and content as specified herein, except as may be specifically exempted by the Engineer.</p> <p>J. When detail of areas in question are unable to be captured on video, high-resolution digital photography of adequate resolution shall be used to supplement video, with written annotations and descriptions.</p> <p>K. The video recorder shall take special efforts to point out and provide audio commentary on cracking, breakage, damage, settlement and other defects in existing features. Restrict commentary to factual descriptions of all features without commentary on causation.</p> <p>EBMUD Standard Construction Specification 01 55 26, Traffic Regulation <i>Section 1.1, Summary</i></p> <p>A. Section includes: Comply with the traffic regulation requirements as specified herein.</p> <p>B. Where specific requirements are not detailed herein or in permits, comply with the requirements of the most current version of the California Manual on Uniform Traffic Control Devices (MUTCD).</p> <p>C. All proposed street closures shall be clearly identified in the Traffic Control Plan (TCP) and shall conform to the section "Traffic Control Devices" below. Construction area signs for street closure and detours shall be posted a minimum of forty-eight (48) hours prior to the commencement of street closure. Contractor shall maintain safe access around the project limit at all times. Street closures shall be limited to those locations indicated on the construction documents.</p> <p>D. Related requirements specified elsewhere:</p> <ol style="list-style-type: none"> 1. Section 01 14 00 – Work Restrictions <p><i>Section 1.2, Submittals</i></p> <p>A. Submit at least 15 calendar days prior to work a detailed traffic control plan, that is approved by all agencies having jurisdiction and that conforms to all requirements of these specifications and the most recently adopted edition of the MUTCD. Traffic Control Plan shall include:</p> <ol style="list-style-type: none"> 1. Circulation and detour plans to minimize impacts to local street circulation. Use haul routes minimizing truck traffic on local roadways to the extent possible. 2. A description of emergency response vehicle access. If the road or area is completely blocked, preventing access by an emergency responder, a contingency plan must be included. 3. Procedures, to the extent feasible, to schedule construction of project elements to minimize overlapping construction phases that require truck hauling. 4. Designated Contractor staging areas for storage of all equipment and materials, in such a manner to minimize obstruction to traffic. 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact TRA-1 (cont.)</p>	<p>5. Locations for parking by construction workers.</p> <p><i>Section 2.1, Traffic Control Devices</i></p> <p>A. Traffic signs, flashing lights, barricades and other traffic safety devices used to control traffic shall conform to the requirements of the most recently adopted edition of the MUTCD and the agency having jurisdiction.</p> <ol style="list-style-type: none"> 1. Portable signals shall not be used unless permission is given in writing by the agency having jurisdiction. 2. Warning signs used for nighttime conditions shall be reflectorized or illuminated. "Reflectorized signs" shall have a reflectorized background and shall conform to the current State of California Department of Transportation specification for reflective sheeting on highway signs. <p><i>Section 3.1, General</i></p> <p>A. Except where public roads have been approved for closure, traffic shall be permitted to pass through designated traffic lanes with as little inconvenience and delay as possible.</p> <p>B. Install temporary traffic markings where required to direct the flow of traffic. Maintain the traffic markings for the duration of need and remove by abrasive blasting when no longer required.</p> <p>C. Convenient access to driveways and buildings in the vicinity of work shall be maintained as much as possible. Temporary approaches to, and crossing of, intersecting traffic lanes shall be provided and kept in good condition.</p> <p>D. When leaving a work area and entering a roadway carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic.</p> <p>E. Provide temporary signs as required by the traffic control plan and remove signs when no longer required.</p> <p>F. Haul routes for each construction phase shall be provided to all trucks serving the site during the construction period.</p> <p>G. For complete road closures, immediate emergency access to be provided if needed to emergency response vehicles.</p> <p>H. A minimum of twelve (12) foot travel lanes must be maintained unless otherwise approved.</p> <p><i>Section 3.2, Alternating One-Way Traffic</i></p> <p>A. Where alternating one-way traffic has been authorized, the following shall be posted at each end of the one-way traffic section at least one week prior to start of work:</p> <ol style="list-style-type: none"> 1. The approximate beginning and ending dates that traffic delays will be encountered. 2. The maximum time that traffic will be delayed. <p>B. The maximum delay time shall be approved by the agency having jurisdiction.</p> <p><i>Section 3.3, Flagging</i></p> <p>A. Provide flaggers to control traffic where required by the approved traffic control plan.</p> <ol style="list-style-type: none"> 1. Flaggers shall perform their duties and shall be provided with the necessary equipment in accordance with the current "Instructions to Flaggers" of the California Department of Transportation. 2. Flaggers shall be employed full time on traffic control and shall have no other duties. 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p><i>Section 3.4, Temporary Traffic Control</i></p> <p>A. All traffic control devices shall conform to the latest edition of the MUTCD, and as amended by the latest edition of the MUTCD California supplement. Electronic signage board with changeable message shall be placed on a street in both directions 2 weeks in advance.</p> <p>B. The Contractor shall replace within 72 hours, all traffic signal loop detectors damaged during construction. Any work that disturbs normal traffic signal operations and ensure proper temporary traffic control (lane shifts, lane closures, detours etc.) shall be coordinated with the agency having jurisdiction, at least 72 hours prior to commencing construction.</p> <p>C. A minimum of twelve (12) foot travel lanes must be maintained unless otherwise approved.</p> <p>D. Access to driveways will be maintained at all times unless other arrangements are made.</p> <p>E. All traffic control devices shall be removed from view when not in use.</p> <p>F. Before leaving a work area, ensure the area is left orderly. Trenches must be backfilled or plated during non-working hours.</p> <p>G. Sidewalks for pedestrians will remain open if safe for pedestrians. Alternate routes and signing will be provided if pedestrian routes are to be closed.</p>			
<p>Impact TRA-3: Substantially increase hazards due to a design feature or incompatible uses.</p>	<p>EBMUD Standard Construction Specification 01 55 26, Traffic Regulation (Details as listed under Impact TRA-1)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>
<p>Impact TRA-4: Result in inadequate emergency access..</p>	<p>EBMUD Standard Construction Specification 01 55 26, Traffic Regulation (Details as listed under Impact TRA-1)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>
Tribal Cultural Resources				
<p>Impact TC-1: Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe</p>	<p>EBMUD Standard Construction Specification 01 35 45, Biological, Cultural, and Paleontological Resource Requirements <i>Section 3.3, Protection of Cultural and Paleontological Resources</i> (Details as listed under Impact CUL-2)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Wildfire				
Impact WF-1: Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire.	EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.3(B), Project Health and Safety Plan</i> (Details as listed under Impact HAZ-1 and HAZ-2) <i>Section 1.3(E), Emergency Action Plan</i> (Details as listed under Impact HAZ-3) <i>Section 3.2(G), Fire Prevention and Protection</i> (Details as listed under Impact HAZ-3)	EBMUD and EBMUD's Contractors	EBMUD	Prior to and During Construction
Impact WF-2: Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes.	EBMUD Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.1(B), Site Activities</i> (Details as listed under Impact AES-1) <i>Section 1.4(A), Storm Water Management</i> (Details as listed under Impact BIO-2)	EBMUD and EBMUD's Contractors	EBMUD	Prior to and During Construction

Notes:

¹ In EBMUD Standard Specifications, "Engineer" = EBMUD Engineer; "Contractor" = EBMUD Contractor; "Work" = Scope of Work for the Project

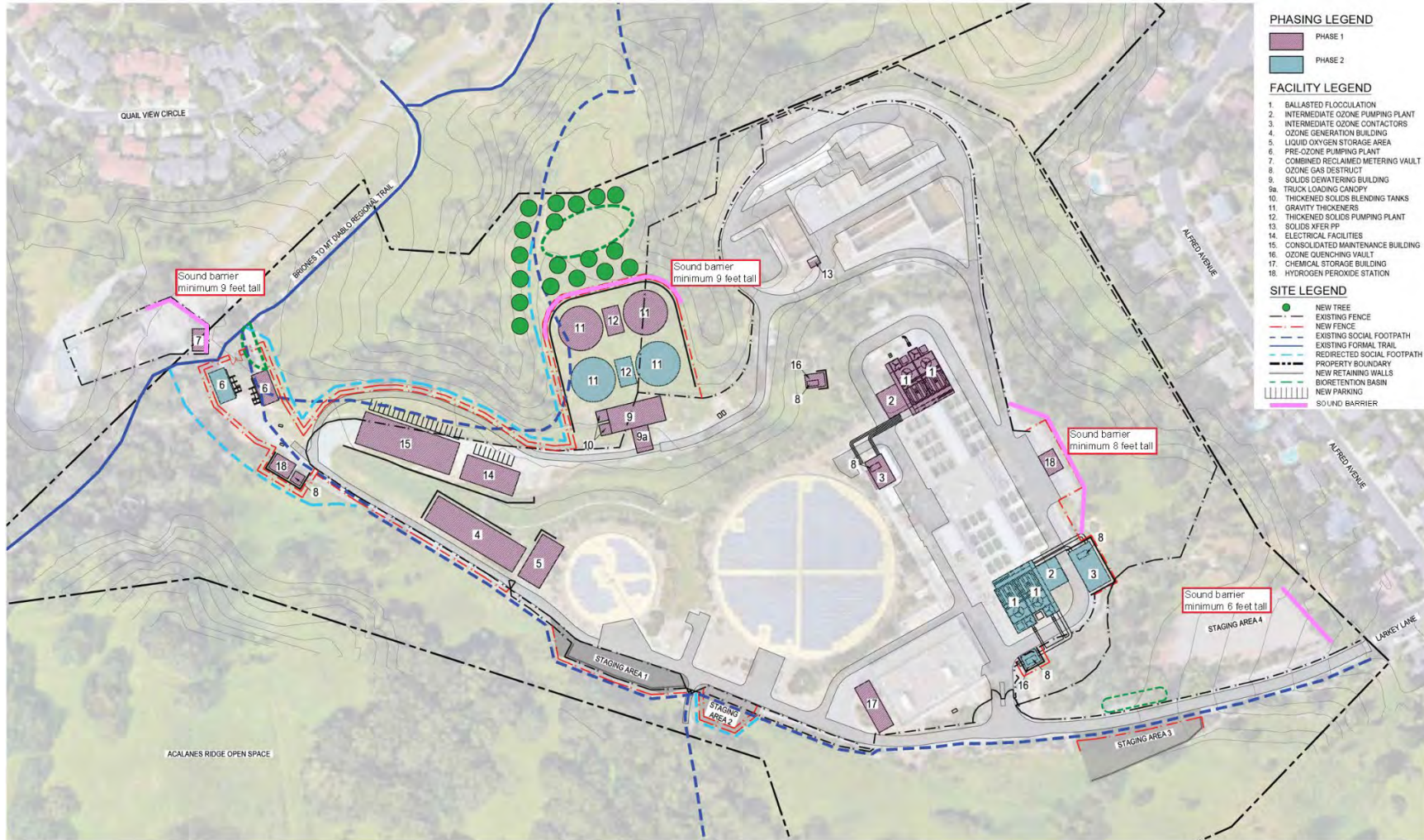
Table E-2: Mitigation Monitoring and Reporting Program

Impact Area	Mitigation Measure	Responsible for Implementation	Responsible for Monitoring and/or Enforcement	Timing of Implementation
Noise				
<p>Impact NOI-1: Result in the generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.</p>	<p>Mitigation Measure NOI-1: Noise Reduction Measures</p> <p>The Noise Control and Monitoring Plan required in the Project specifications would include specific measures to reduce noise to ensure that noise at residential receptors does not exceed 60 dBA L_{eq} before 7:00 a.m. in Walnut Creek. The following measures, or their equivalent, would be used in combination to meet the noise limits:</p> <ul style="list-style-type: none"> • Coordinate worksite activities to minimize or eliminate non-essential noise-generating activities between 6:00 a.m. and 7:00 a.m. • Install temporary sound barriers achieving a minimum sound transmission class (STC) 25 to block the line of sight from concrete activities to nearby residences (Figure 3.11-5) for the duration of the applicable construction phase(s). <ul style="list-style-type: none"> ○ To reduce noise by at least 8 dBA from concrete trucks at the Hydrogen Peroxide Station during Phase 1, sound barriers would need to be at minimum 8 feet high and located on the northeast side of the Hydrogen Peroxide Station. ○ To reduce noise by at least 5 dBA from concrete trucks at the Combined Reclaimed Metering Vault during Phase 1, sound barriers would need to be at minimum 9 feet high, and located on the north, northeast, and northwest sides of the vault. ○ To reduce noise by at least 3 dBA from concrete trucks at the Thickened Solids Pumping Plants and Gravity Thickeners during Phases 1 and 2, sound barriers would need to be at minimum 9 feet high and located on the northeast side of the work area. ○ To reduce noise by at least 5 dBA from early morning worker arrivals and parking at Staging Area 4 during Phases 1 and 2, sound barriers would need to be at minimum 6 feet high and located on the east side of the staging area. <p>Mitigation Measure TRA-1: Minimize Impacts of Heavy Truck Traffic at the Walnut Creek WTP (Refer to Impact TRA-1 below for the full text of Mitigation Measure TRA-1)</p>	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

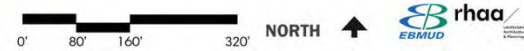
Impact Area	Mitigation Measure	Responsible for Implementation	Responsible for Monitoring and/or Enforcement	Timing of Implementation
Transportation				
<p>Impact TRA-1: Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities.</p>	<p>Mitigation Measure TRA-1: Minimize Impacts of Heavy Truck Traffic at the Walnut Creek WTP</p> <ul style="list-style-type: none"> • Use of soil and demolition off-haul and large equipment delivery trucks to and from the Walnut Creek WTP will be restricted to between the hours of 9:00 a.m. to 3:30 p.m. • The required Traffic Control Plan shall include the following measures: <ul style="list-style-type: none"> ○ EBMUD’s Contractor shall distribute written traffic safety requirements to all Contractor heavy construction vehicle drivers. All drivers shall provide signed acknowledgement of having read and understood all traffic safety requirements and consequences of non-compliance. ○ Written traffic safety requirements shall include: <ul style="list-style-type: none"> ▪ Construction work hours specifying when construction traffic would be allowed to access the Walnut Creek WTP and staging areas. ▪ Construction haul routes and associated speed limits. ▪ Designated parking and queuing locations. ○ Contractor shall provide Project sticker or equivalent to drivers who have provided written acknowledgement of traffic safety requirements. <ul style="list-style-type: none"> ▪ Project sticker shall be made available upon request by EBMUD during the construction contract period. ○ Contractor heavy construction vehicle drivers shall conform to designated construction hours, including no driving, queuing, idling or parking on local roadways outside of designated construction hours as outlined in written traffic safety requirements. ○ Contractor heavy construction vehicle drivers shall use only designated construction traffic haul routes. ○ Contractor shall provide Radar Speed Feedback Signs along Larkey Lane for the entire Project duration (two, one in each direction of traffic on Larkey Lane) to deter speeding by heavy construction vehicles on construction traffic routes. ○ Contractor heavy construction vehicle drivers shall comply with roadway traffic safety rules as outlined in written traffic safety requirements, including, but not limited to: <ul style="list-style-type: none"> ▪ Stoplight signals and stop signs. ▪ Roadway speed limits (reduced speeds in construction zones and near schools). • Prior to Project construction, EBMUD shall require the contractor(s) to video document pavement conditions on San Luis Road between Casa Way and Larkey Lane and on Larkey Lane between San Luis Road and Alfred Avenue that will be used by Project-related vehicles. Pavement conditions shall also be documented after Project construction is complete. If there is visible deterioration in the pavement condition, any pavement damaged by Project construction-related traffic shall be repaired to a structural condition equal to that which existed prior to Project construction activity. 	<p>EBMUD and EBMUD’s Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	Mitigation Measure	Responsible for Implementation	Responsible for Monitoring and/or Enforcement	Timing of Implementation
<p>Impact TRA-3: Substantially increase hazards due to a design feature or incompatible uses.</p>	<p>Mitigation Measure TRA-1: Minimize Impacts of Heavy Truck Traffic at the Walnut Creek WTP (Refer to Impact TRA-1 above for the full text of Mitigation Measure TRA-1)</p> <p>Mitigation Measure TRA-2: Additional Flagger Requirements at Larkey Lane for Walnut Creek WTP</p> <p>Contractors shall implement the following measures as part of the Traffic Control Plan in Walnut Creek:</p> <ul style="list-style-type: none"> • On extended workdays with large concrete pours and days with soil off-hauling at the Walnut Creek WTP, provide a traffic control flagger at the intersection of Larkey Lane and Alvarado Avenue during school start and dismissal times with a buffer before school starts and after school ends. • The construction contractor shall confirm with the Contra Costa Christian Schools (2721 Larkey Lane, Walnut Creek) and Buena Vista Elementary School (2355 San Juan Avenue, Walnut Creek) the typical start and dismissal times, school events, and irregular start and dismissal times prior to the beginning of each school year. 	<p>EBMUD and EBMUD's Contractors</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Figure 3.11-5 Sound Barrier Locations



EBMUD WCWTP
 EAST BAY MUNICIPAL UTILITY DISTRICT
WCWTP SITE PLAN
 AUGUST 15th, 2023



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Appendix F - Phase I Environmental Site Assessment

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**PHASE I
ENVIRONMENTAL
SITE ASSESSMENT**

Walnut Creek
Water Treatment
Plant

2175 N California Blvd | Suite 315
Walnut Creek, California 94596
925.627.4100

woodardcurran.com

0011797.00

**East Bay Municipal
Utility District**

October 20, 2022

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EXECUTIVE SUMMARY

Woodard & Curran was retained by the East Bay Municipal Utility District (EBMUD) (User or Client) to conduct a Phase I Environmental Site Assessment (Phase I ESA) of the eight separate operational areas scheduled for demolition activities in Phases 1 and 2 of the Walnut Creek Water Treatment Plant (WCWTP) Pretreatment Project (Project). See Figure 1 for the location of the WCWTP and Figure 2 for the areas evaluated in this document. These eight separate operational areas (Subject Property) were assessed within the larger WCWTP property (Greater Property) located at 2201 Larkey Lane in Walnut Creek, California. This Phase I ESA was requested to identify potential environmental risks associated with the Subject Property as part of a due diligence effort to support the Project. Woodard & Curran evaluated the Subject Property for evidence of the presence or likely presence of hazardous substances or petroleum products under conditions that indicate an existing release, a past release, or a material threat of releases into structures, soils, groundwater, surface water, or sediments on the Subject Property. These conditions are referred to in this report as Recognized Environmental Conditions (RECs), Controlled RECs (CRECs), and Historical RECs (HRECs). The Phase I ESA included a visual reconnaissance, historical research, and a review of applicable local, state, and federal environmental records.

Based on records in the Contra Costa County Assessor's Office, the Subject Property and Greater Property are located on an approximately 50-acre parcel identified by Assessor's Parcel Number (APN) 175-220-016-0 in Walnut Creek, Contra Costa County in an area characterized by residential neighborhoods and recreational hiking trails. The Greater Property is bounded by undeveloped land with hiking trails followed by residential properties to the north, south, and west, with residences located immediately east of the Greater Property.

According to historical records reviewed and information provided by EBMUD, the Subject Property and Greater Property consisted of vacant land from the late 1800s to 1966, when the Greater Property was first developed with the WCWTP. At this time, the General Property was improved with elements within the Subject Property (the north rapid mix and old chemical tank pad). The old chemical tank pad reportedly contained the polyaluminum chloride and cationic polymer tanks. In 1974, the Subject Property was developed with the solids detention basin and decant pump. By 1998, the Subject Property appeared to be developed with the electrical and instrument shop building, which was reportedly used to store hypochlorite and fluoride. By 2006, the Subject Property was developed with the south rapid mix, stormwater detention basin, emergency generator building, 5,000-gallon diesel aboveground storage tank (AST), electrical switchgear building, and backflow preventer to the chemical storage building. In 2006, the electrical and instrument building was reportedly filled with three feet of concrete and converted to the current electrical and instrument control shops and offices, and the polyaluminum chloride and cationic polymer tanks appear to be removed from the old chemical tank pad. The Subject Property has remained in the same general configuration to present.

Table ES-1 provides a summary of Identified RECs and other potential issues identified during this Phase I ESA. Woodard & Curran did not identify any CRECs or HRECs associated with the Subject Property during this assessment.

Table ES-1: Summary of Identified RECs and Other Potential Issues

Site and Address	Record Source	RECs and Other Potential Issues
Subject Property 2201 Larkey Lane, Walnut Creek, CA	EDR Database Report/GeoTracker Database	<p>According to the EDR report and State Water Resources Control Board (SWRCB) GeoTracker database, a 55-gallon gasoline underground storage tank (UST) and a 1,000-gallon gasoline UST are (or were) listed at the Subject Property address. The 55-gallon UST was listed under the facility name "Walnut Creek Pumping Plant", but EBMUD believes this is the Larkey Pumping Plant at the WCWTP. No additional information was available regarding the 1,000-gallon UST. No record of a spill or release was identified in connection with these USTs. Although there is no evidence of a gasoline spill or release on the Subject Property, the lack of information associated with these USTs is considered a business environmental risk.</p>
Subject Property 2201 Larkey Lane, Walnut Creek, CA	EDR Report/Hazardous Waste Tracking System/Harza Engineering Company Preliminary Assessment Report	<p>According to the EDR Report and DTSC Hazardous Waste Tracking System (HWTS), the Subject Property address generated polychlorinated biphenyls (PCBs) and PCB-containing materials in 1994 under Environmental Protection Agency (EPA) ID CAC001004984 and in 2002 under EPA ID CAC002470063. The Harza Preliminary Assessment Report noted that several transformers were removed and replaced 15 years prior to their assessment (roughly 1985) and were not able to determine whether the older transformers contained PCBs. Although there is no evidence of a spill or release on the Subject Property, the presence of PCBs and potential PCB-containing equipment is considered a business environmental risk.</p>

1. INTRODUCTION

1.1 Purpose

Woodard & Curran was retained by the East Bay Municipal Utility District (EBMUD) (the User and Client) to conduct a Phase I Environmental Site Assessment (Phase I ESA) of the eight separate operational areas scheduled for demolition activities in Phases 1 and 2 of the Walnut Creek Water Treatment Plant (WCWTP) Pretreatment Project (Project) located at 2201 Larkey Lane in Walnut Creek, Contra Costa County, California (the Subject Property) (see Figure 2). The eight separate operational areas with proposed demolition activities (Subject Property), which are shown in Figure 2, were assessed within the larger WCWTP property (Greater Property). This Phase I ESA was requested to support the planned demolition activities within the Subject Property.

The Phase I ESA was conducted in general accordance with the American Society for Testing and Materials (ASTM) International “*Standard Practice for Environmental Site Assessments E-1527-13*” and the United States Environmental Protection Agency’s (EPA) All Appropriate Inquiry (AAI) Final Rule (40 CFR Part 312). Good commercial and customary practice for conducting Phase I ESAs has the goal of identifying and providing an independent, professional opinion regarding Recognized Environmental Conditions (RECs), as defined by ASTM, associated with the Subject Property. RECs are defined as:

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

As defined by ASTM, *hazardous substance* is a substance defined as hazardous pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) 42 USC § 9601(14), and as interpreted by EPA regulations and the courts. *Petroleum products* is defined as those substances included within the meaning of the petroleum exclusion to CERCLA 42 USC § 9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of CERCLA 42 USC § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).

This Phase I ESA also evaluated controlled RECs (CREC) and historical RECs (HREC).

ASTM defines a CREC as:

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

ASTM defines a HREC as:

“a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

A past release that was addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority may be a REC if there has been a change in regulatory criteria since the past release achieved closure.

The conclusions of this Phase I ESA are intended to assist the User in evaluating the business environmental risk associated with the Subject Property. ASTM defines business environmental risk as:

“a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations.”

1.2 Methodology

This Phase I ESA consists of four components: records review, site reconnaissance, interviews, and this report. Environmental Professionals meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b) and ASTM E 1527-13 completed the assessment and reviewed this document.

Supporting information is provided in the Appendices. For ease of reference, select photographs of the Subject Property are presented in **Appendix A**, a User Questionnaire completed by the Subject Property owner in **Appendix B**, database search results in **Appendix C**, and other supporting documentation in **Appendix D**.

1.2.1 Records Review

Woodard & Curran reviewed the records provided by an environmental records database vendor, Environmental Data Resources, Inc. (EDR), retained for this Phase I ESA. Records reviewed included the following federal, state, tribal, and local databases as maintained by EPA and state, tribal, and local environmental regulatory agencies:

Federal Databases

- National Priorities List (NPL);
- De-listed NPL List;
- Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) list;
- CERCLIS No Further Remedial Action Planned (CERCLIS-NFRAP) list;
- Resource Conservation and Recovery Act (RCRA) Corrective Action Report (RCRA-CORRACTS) list;
- RCRA Non-CORRACTS Treatment Storage and Disposal (TSD) list;

- RCRA generators list;
- Institutional Control/Engineering Control (IC/UC) registries; and
- Emergency Response Notification System (ERNS) list.

State/Tribal/Local Databases

- State/Tribal/Local- equivalent NPL or CERCLIS list;
- Landfill and/or Solid Waste Disposal Site list;
- Leaking Underground Storage Tanks (LUST);
- Registered and Leaking Storage Tanks lists;
- Voluntary Cleanup list;
- Brownfields list;
- Hazardous Waste and/or Contaminated Site list;
- Local Land Record list;
- Records of Emergency Release Reports list;
- Other Ascertainable Records;
- EDR Exclusive Records (e.g., EDR Proprietary Manufactured Gas Plants); and
- Exclusive Recovered Government Archives (e.g., Recovered Government Archive Solid Waste Facilities lists).

In addition to the records listed above, Woodard & Curran also reviewed the following reports obtained from EDR to evaluate the current and historic use of the Subject Property:

- Certified Sanborn Fire Insurance Maps;
- EDR Aerial Photo Decade Packages;
- EDR-City Directory Image Reports; and
- EDR Historical Topo Map Reports.

To evaluate the physical setting of the Subject Property, Woodard & Curran reviewed the following sources:

- United States Geological Survey (USGS) topographic maps;
- Aerial photographs; and
- Local soil, geologic, surface water, and groundwater information.

1.2.2 Site Reconnaissance

Woodard & Curran conducted a reconnaissance of the Subject Property on February 18, 2022, to visually assess the presence or absence of the following potential RECs:

- Hazardous substances and petroleum products;
- Underground storage tanks (USTs) and aboveground storage tanks (ASTs);
- On-Site wastewater collection, treatment, or disposal systems;
- Pits, ponds, and lagoons;
- Hydraulic or electrical equipment potentially containing polychlorinated biphenyls (PCBs);
- Boilers, burning areas, emergency generators, high power transmission lines, incinerators, or transformers;
- Vehicle wash areas or equipment/vehicle repair areas;
- Stressed vegetation, fill placement, stock-piled soil, stained soils, pools of liquid or odors;
- Waste management, including solid waste, wastewater, and hazardous waste;
- Groundwater wells;
- Topography, drainage, impervious surfaces, runoff structures, catch basins, and buildings; and
- Adjacent property characteristics visible from publicly accessible locations.

1.2.3 Interviews

Woodard & Curran made reasonable attempts to interview persons with actual or constructive knowledge of current and/or past uses of the Subject Property and adjacent properties. Woodard & Curran interviewed the following Subject Property Representative from EBMUD:

- Miguel Halpern, a senior water treatment operator employed by EBMUD for approximately 16 years.

Information obtained from the EBMUD Representative is presented throughout this Phase I ESA Report.

1.2.4 Report

This Phase I ESA Report prepared by Woodard & Curran includes documentation to support the findings, opinions, and conclusions obtained by the Environmental Professional. Deviations and additions, if any, from the approach presented in ASTM Standard E 1527-13 are listed below.

1.3 Significant Assumptions

Woodard & Curran made the following assumptions:

- The information obtained from the User, Subject Property Representatives interviewed, and prior environmental reports, if any, was considered accurate;
- The information provided by EDR and other public record sources is complete and accurate; and
- Limited Site-specific hydrogeologic information was publicly available. In the absence of more detailed Site-specific information, Woodard & Curran assumes the groundwater flow direction beneath and near the Subject Property mimics the ground surface topography from higher elevations to lower elevations.

1.4 Limitations and Exceptions

The evaluations contained in this Phase I ESA Report represent Woodard & Curran's professional opinions and judgments based on the current, generally accepted engineering and technical practices for the nature and scope of this Phase I ESA authorized by the User. This Phase I ESA is based on the conditions observed on the dates of field observation noted and records review as described herein.

The following limitation was encountered during completion of this Phase I ESA:

- Woodard & Curran was unable to access or observe the interior of the electrical switchgear building on the Subject Property, which was locked at the time of the site reconnaissance.

This limitation is anticipated to have little impact on the findings and conclusions of this Phase I ESA Report, as supporting information regarding the use and history of the Subject Property, which was not subject to the limitation above, was available through other resources.

In no event may a Third Party rely on the evaluation, conclusions, and professional opinions presented in the Phase I ESA Report without first obtaining the expressed written consent of Woodard & Curran. Woodard & Curran shall bear no liability for any unauthorized use of the information contained in this Phase I ESA Report. In the event that new information not contained in this Phase I ESA Report is obtained relating to environmental or hazardous waste issues at the Subject Property or nearby, such information shall be brought to Woodard & Curran's attention promptly and Woodard & Curran may, upon evaluation, modify the conclusions stated in this Phase I ESA Report.

Property access was granted by EBMUD for purposes of reconnaissance and examination of current conditions at the Subject Property. No physical sampling of soil, groundwater, or other materials was conducted during this Phase I ESA. Specific information on the normal practices of property owners and/or occupants with regard to solid waste disposal, on-site use, generation, storage, and/or disposal of chemicals or petroleum products and hazardous materials was strictly obtained through review of previous environmental reports and interviews. Additionally, Woodard & Curran relied on information provided by various officials and other parties as referenced herein. Although believed to be accurate, Woodard & Curran has not attempted to independently verify the accuracy or completeness of information provided by officials and other parties, which was received or reviewed during the course of completing these services.

ASTM E 1527-13 recognizes inherent limitations for Phase I ESAs including:

- Uncertainty Not Eliminated – No environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with the Subject Property;
- Not Exhaustive – All appropriate inquiry does not mean exhaustive assessment of a clean property; and
- Level of Inquiry is Variable – Not every property will warrant the same level of assessment. The level of inquiry will depend on the type of property, the User's risk tolerance, and information obtained during the inquiry.

As indicated in ASTM Standard E 1527-13, there are additional potential environmental issues that are outside of the scope of the ASTM Phase I practice, including biological agents, cultural and historic risks,

ecological resources, threatened or endangered species, health and safety, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, industrial hygiene, lead in drinking water, mold, radon, regulatory compliance, and wetlands. These items were not included in this Phase I ESA. In addition, the determination of compliance with activity and use limitations, if present, is beyond the scope of the Phase I ESA. Additional sampling or testing may be warranted to address these potential environmental issues.

1.5 User Reliance

This Phase I ESA Report has been prepared for the exclusive use of the Client and may not be relied on by others without written authorization of Woodard & Curran.

1.6 Special Terms and Condition

This Phase I ESA is subject to the terms and conditions referenced in the Agreement for Consulting and Professional Services between Woodard & Curran and the Client, dated March 26, 2021.

2. SITE DESCRIPTION

2.1 Location

The Subject Property is located in a residential and surrounding open-space area in Walnut Creek, California (**Figure 1**). An aerial photograph of the Subject Property is provided as **Figure 2**.

2.2 Site and Vicinity General Description

The Subject Property is located at 2201 Larkey Lane in Walnut Creek, California. Based on records in the Contra Costa County Assessor's Office, the Subject Property consists of eight separate areas within the approximately 50-acre Greater Property parcel identified by Assessor's Parcel Number (APN) 175-220-016-0.

The Subject Property and Greater Property are located in an area characterized by residential neighborhoods and recreational hiking trails. The Greater Property is bounded by undeveloped land with hiking trails followed by residential properties to the north, south, and west, and residences located immediately east of the Greater Property.

The Subject Property assessed for this Phase I ESA Report includes the following eight areas where demolition activities are proposed for the future Project, as shown on **Figure 2**:

- North Rapid Mix
- South Rapid Mix
- Chemical Storage Building Backflow Preventer
- Electrical and Instrument Building
- Old Chemical Tank Pad
- Emergency Generator and Switchgear Buildings
- Solids Detention Basin and Decant Pump
- Stormwater Detention Basin

2.3 Site History

Based on information provided by the EBMUD Representative and from historical records provided in the EDR report, the Subject Property history is described below.

North Rapid Mix: The north rapid mix was first developed in 1966 and used to mix coagulants and influent water prior to entering the filtration beds adjacent to the operation building. In 2004, the original concrete vault was replaced with a large diameter pipe underneath the existing concrete rapid mix structure.

South Rapid Mix: The south rapid mix was developed in roughly 2005 and is used to mix coagulants and influent water prior to entering the filtration beds adjacent to the operation building.

Chemical Storage Building Backflow Preventer: The chemical storage building backflow preventer was developed sometime between 2004 and 2006. The backflow preventer feeds treated water to four subsystems in the chemical storage building including fire suppression system, chase water system, service water system, and non-potable water system.

Electrical and Instrument Building: The original building was reportedly developed in 1974 and was used as the hypochlorite and fluoride storage room. In 2006, the building was filled in with approximately 3 feet of concrete and converted into electrical and instrument control shops and offices.

Old Chemical Tank Pad: The old chemical tank pad was developed in 1966 with the former polyaluminum chloride and cationic polymer tanks. The tanks were removed from the old chemical tank pad in 1974, when they were moved to the chemical storage building.

Emergency Generator and Switchgear Building: The emergency generator, electrical switchgear building, 5,000-gallon diesel AST and two electrical transformers were constructed sometime between 2004 and 2005.

Solids Detention Basin and Decant Pump: The solids detention basin and decant pump were developed in 1974 to replace the former reclaim and settling ponds. This feature has remained in its current configuration to present day.

Stormwater Detention Basin: The stormwater detention basin was constructed between 1998 and 2006. This feature has remained in its current configuration to present day.

2.4 Site Geology and Hydrogeology

According to the EDR report and United States Geological Survey (USGS) 7.5-minute topographic maps, the Subject Property has an average elevation of approximately 304 feet above mean sea level. The Subject Property is situated at the peak of a hill and has generally steep slopes trending radially outward. According to the EDR report, the overall topographic trend for the Greater Property is to the north-northeast.

Based on information obtained from the United States Department of Agriculture (USDA) Soil Conservation Service and in the EDR report, the primary soil types for the Subject Property are Lodo and Los Osos soils. Lodo soils consist of silty clay loam with very slow infiltration rates (Class D) and Los Osos soils consist of well-drained clay loam with slow infiltration rates (Class C).

The USDA defines Class C soils as having:

- Clay content ranging from 20 to 40 percent and a sand content of less than 50 percent; and
- Moderately high runoff potential when thoroughly wet.

The USDA defines Class D soils as having:

- Clay content above 40 percent and a sand content of less than 50 percent;
- High runoff potential when thoroughly wet; and
- Have a high shrink-swell potential in some areas.

The Subject Property is situated within the northern portion of the coast range geomorphic province in California. The coast range lies between the Pacific Ocean and San Joaquin and Sacramento valleys. The coast range is generally composed of marine sedimentary deposits and volcanic rock that compose a

northwest-southeast trending series of ridges and valleys. The northern portion of the coast range is comprised mostly of the Franciscan Complex which consists primarily of graywacke, shale, greenstone, basalt, chert, and sandstones (CGS, 2002). Based on the Geotechnical Interpretive Report for the Project (Ninyo & Moore 2022), the Subject Property is underlain by Miocene age marine sedimentary rocks consisting of sandstone, siltstone, and shale. Quaternary age alluvial sediments, colluvial soils, and shallow landslide deposits are also present in the drainage channels and slopes.

According to the EDR report, groundwater in the vicinity of the Subject Property generally flows to the north-northeast; however, given the Subject Property's location on a hill, the groundwater flow direction at the Subject Property is likely to mirror the topographic gradient. The Subject Property is located approximately 200 feet east of the Ygnacio Valley groundwater basin. The Ygnacio Valley groundwater basin primarily consists of alluvial deposits that overlie a faulted and folded complex of consolidated Cretaceous and Tertiary rocks. Previous monitoring of groundwater levels indicates that depth to groundwater at the WCWTP site has ranged between approximately 4 and 70 feet (Ninyo & Moore 2022). The Subject Property is not mapped within 100-year or 500-year flood zones.

3. CLIENT/USER-PROVIDED INFORMATION

The following information was provided to Woodard & Curran by Drew Lerer, EBMUD's Senior Environmental Health and Safety Specialist (User). The User Questionnaire is provided in **Appendix B**.

3.1 Title Record

Woodard & Curran was not provided with title records for the Subject Property and was not engaged by the User to secure a title report as part of this Phase I ESA.

3.2 Environmental Liens and AULs

The User was unaware of information indicating the presence of environmental liens on the Subject Property. The EDR Report did not contain any lien entries for the Subject Property.

3.3 Specialized Knowledge

The User, as the environmental compliance contact for the WCWTP, has knowledge of chemical storage, hazardous waste management, risk management plans, emergency response plans, and ASTs.

3.4 Commonly Known or Reasonable Ascertainable Information

The User was unaware of commonly known or reasonably ascertainable information pertaining to the Subject Property, except that the past use of the Subject Property may have included agricultural use. The User stated that the Subject Property had no previous industrial past use. In addition, the User provided a chemical inventory for the WCWTP which included the following materials:

- Ammonium hydroxide, stored in a tank within the ammonium hydroxide storage building;
- Polymer, stored in a plastic drum within the decant building;
- Hydrofluorosilicic acid, stored in an AST within the fluoride storage area;
- 2-butanone, motor oil, used lubricating oils, stored in used drums within the hazardous waste locker;
- Sodium sulfate, stored in a plastic drum within the chemical building;
- Hydrotreated light naphthenic distillate (petroleum), stored inside a transformer;
- Aluminum chloride hydroxide, stored in a tank within a building at the north end of the plant;
- Oxygen and acetylene, stored in cylinders within the maintenance facility at the north end of the plant;
- Diesel fuel, stored in an AST near the emergency generator, UST, and in three portable emergency generators;
- Sodium hypochlorite and cationic polymer, stored in tanks within the new chemical building;
- Sodium hydroxide, stored in a tank within the operations center building; and

- Nitrogen, stored in a cylinder within the pre-clearwell water quality monitoring station.

The User stated that minor spills involving nonpetroleum-based chemicals such as sodium hypochlorite, sodium hydroxide, ammonia, and coagulants have occurred.

Hazardous Waste Generator Reporting Forms were provided for the years 2017 and 2018, indicating that 2.8 tons and 3.58 tons of hazardous waste, respectively, were disposed of from the WCWTP.

3.5 Valuation Reduction for Environmental Liens

The User was unaware of known valuation reduction for environmental issues associated with the Subject Property.

3.6 Owner, Property Manager, and Occupant Information

EBMUD was identified as the Owner of the Subject Property. Information provided by EBMUD is incorporated throughout this Phase I ESA Report.

3.7 Reasons for Performing Phase I ESA

Woodard & Curran understands that this Phase I ESA was requested as part of a due diligence effort to support proposed demolition activities on the Subject Property as part of the Project.

4. AGENCY RECORDS REVIEW

4.1 Standard Environmental Record Sources

Woodard & Curran conducted a review of federal, tribal, and state environmental databases searched by EDR to obtain public information concerning the Subject Property and within specified distances of the Subject Property, as recommended by the ASTM Standard. In addition, select state and local supplemental environmental records were reviewed. The EDR Radius Map™ Report with GeoCheck®, which identifies the standard and supplemental federal, tribal, and state databases reviewed, is provided in **Appendix C**. A summary of the ASTM Standard record sources searched by EDR is provided in **Table 4-1**.

Table 4-1: EDR Database Summary

Environmental Record Source	Search Distance (mile)	Subject Property Listed?	Nearby Properties Listed?
Federal NPL	1.0	No	No
Federal Delisted NPL	1.0	No	No
Federal CERCLIS	0.5	No	No
Federal CERCLIS NFRAP	0.5	No	No
Federal RCRA CORRACTS	1.0	No	No
Federal RCRA TSD	0.5	No	No
Federal RCRA Generators	0.25	Yes	Yes
Federal Institutional Control / Engineering Controls Registry	0.5	No	No
Federal ERNS	Subject Property	No	Not Applicable
State and Tribal-Equivalent NPL	1.0	No	No
State and Tribal-Equivalent CERCLIS	1.0	No	No
State and Tribal Landfill and/or Solid Waste Disposal Sites	0.5	No	No
State and Tribal Leaking Storage Tanks	0.5	No	No
State and Tribal Registered Tanks	0.25	No	No
State and Tribal Voluntary Cleanup	0.5	No	No
State and Tribal Brownfields	0.5	No	No
Local Brownfields	0.5	No	No
Local Landfill and/or Solid Waste Disposal Sites	0.5	No	No
Local Hazardous Waste and/or Contaminated Sites	0.25	No	No
Local Land Records	0.5	No	No
Records of Emergency Release Reports	Subject Property	Yes	Not Applicable
Other Ascertainable Records	0.25 – 1.0	Yes	Yes
EDR Exclusive Records	1.0	No	No

Environmental Record Source	Search Distance (mile)	Subject Property Listed?	Nearby Properties Listed?
Exclusive Recovered Government Archives	Subject Property	No	Not Applicable

In addition to these standard record sources, Woodard & Curran reviewed supplemental federal and state databases provided by EDR. Information obtained regarding the Subject Property from these supplemental sources described throughout **Section 4.1.1 to 4.1.3**.

4.1.1 Associated Regulatory Listings

The Subject Property and Greater Property address, 2201 Larkey Lane, was associated with several regulatory listings identified in the EDR Report. These listings are described below.

EBMUD Water Treatment Plant

The Subject Property address, listed as either the East Bay Municipal Utility District, EBMUD Water Treatment Plant, Walnut Creek Filter Plant, Walnut Creek Pumping Plant and EBMUD Larkey Reservoir (or similar variations of these entity names), was identified on the following databases in the EDR report:

- Facilities and Manifest Database (HAZNET)
- Hazardous Waste Tracking System (HWTS)
- California Environmental Reporting System (CERS)
- California Environmental Reporting System Hazardous Waste (CERS HAZ WASTE)
- Resource Conservation and Recovery Act Small Quantity Generator (RCRA – SQG)
- Resource Conservation and Recovery Act Very Small Quantity Generator (RCRA – VSQG)
- Resource Conservation and Recovery Act Non-generator / No Longer Listed (RCRA – NONGEN/NLR)
- Emissions Inventory Data (EMI)
- California Environmental Reporting System Tanks (CERS TANKS)
- Hazardous Substance Storage Container Database (HIST UST)
- Statewide Environmental Evaluation and Planning System (SWEEPS UST)
- California Facility Inventory Database (CA FID UST)
- Aboveground Petroleum Storage Tank Facilities (AST)
- California Hazardous Material Incident Report System (CHMIRS)
- Enforcement Action Listing (ENF)
- California Integrated Water Quality System (CIWQS),

- Integrated Compliance Information System (ICIS)
- Facility Index System/Facility Registry System (FINDS)
- Enforcement & Compliance History Online (ECHO)
- Contra Costa County Site List (Contra Costa Co. Site List)

The Subject Property address was listed on the HWTS, HAZNET, RCRA-SQG, RCRA-VSQG and RCRA NONGEN/NLR as a generator of hazardous wastes. According to the EDR report, RCRA and non-RCRA hazardous wastes were generated on the Greater Property from 1995 to 2022 under EPA ID Number CAL000137583.

- Non-RCRA wastes generated on the Greater Property include laboratory waste chemicals, off-spec, aged or surplus inorganics, off-spec, aged or surplus organics, waste oil and mixed oil, empty containers < 30 gallons, other empty containers \geq 30 gallons, other inorganic solid waste, unspecified alkaline solution, unspecified solvent mixture, alkaline solution ($\text{pH} \geq 12.5$) without metals, hydrocarbon solvents, other organic solids, unspecified aqueous solution ($2 < \text{pH} < 12.5$), PCBs and materials, polymeric resin waste, unspecified oil-containing waste, asbestos-containing waste, unspecified organic liquid mixture, Liquids with $\text{pH} \leq 2$ and aqueous solutions ($2 < \text{pH} < 12.5$) with organic residues <10%.
- RCRA wastes generated on the Greater Property include corrosives, ignitables, arsenic, benzene, non-halogenated solvents, formic acid, sodium cyanide, lead, mercury, silver, cadmium, chromium, and methyl ethyl ketone.

Additionally, non-RCRA wastes including PCBs and materials and liquids with PCBs > 50 milligrams per liter (mg/L) were generated under EPA ID CAC001004984 in 1994, other organic solid waste and 8.46 tons of contaminated soils from site cleanup under EPA ID CAP600928952 in 1995, and unspecified organic solution ($2 < \text{pH} < 12.5$), other organic solid waste, and PCBs and materials under EPA ID CAC002470063 in 2002. The 8.46 tons of contaminated soil from site cleanup pertained to the removal of lead-based paint from the off-site Larkey Reservoir steel water tank and ancillary structures (described in **Section 5.4**). Two other EPA ID numbers were associated with the Subject Property address, CAC001043944 and CAC003061127; however, no information on hazardous wastes generated were available on the HWTS.

According to the HIST UST and SWEEPS UST database listings in the EDR report and State Water Resources Control Board's (SWRCB) GeoTracker database, a 55-gallon gasoline UST, 550-gallon diesel UST, 1,000-gallon gasoline UST, and 750-gallon diesel UST were identified on the Greater Property.

According the CHMIRS listing in the EDR report, 150,000 gallons of chlorinated water was released to Las Trampas Creek in 2002. A description of the incident states that "a contractor hit a 20" water main, releasing the material into the street and a flood control channel. The flood control channel flows into Las Trampas Creek. The chlorine level is very low, at 0.3 mg/L. Dechlorination tablets have been added to the release."

Swinerton Builders, Inc.

The Subject Property address, listed as Swinerton Builders, Inc., was listed in the HWTS and HAZNET databases in the EDR report as a generator of hazardous waste. According to the EDR report, Swinerton

Builders generated waste oil and mixed oil in 2006 under EPA ID CAC002577069. No additional information was available on the HWTS.

DYK, Inc.

The Subject Property address, listed as DYK, Inc., was listed in the HWTS database in the EDR report as a generator of hazardous waste under EPA ID CAC002594067. No information on the hazardous wastes generated were available in the EDR report or on the HWTS.

4.1.2 Nearby Listed Properties

Several nearby properties were included in regulatory listings identified in the EDR report. These listings are summarized in Table 4-2.

Table 4-2: Nearby Listed Properties

Site	Address	Approximate Distance/Direction from Subject Property	EDR Listing	Additional Information
Heather Weiss	1015 Alfred Avenue	86 ft. E	RCRA Nongen/NLR	This listing is related to the generation of asbestos-containing waste in 2020 under EPA ID CAC003076243. This listing is not indicative of a spill or release.
Birdene Keddington	1034 Alfred Avenue	235 ft. E	RCRA Nongen/NLR	This listing is related to the generation of asbestos-containing waste in 2019 under EPA ID CAC002992886. This listing is not indicative of a spill or release.
Laurie Delfosse	947 Alfred Avenue	241 ft. ESE	RCRA Nongen/NLR	This listing is related to the generation of asbestos-containing waste in 2019 under EPA ID CAC003013328. This listing is not indicative of a spill or release.
Chris Ridenour	946 Sousa Drive	633 ft. ESE	RCRA Nongen/NLR	This listing is related to the generation of asbestos-containing waste in 2018 under EPA ID CAC002970252. This listing is not indicative of a spill or release.
Carlos & Siroun Garcia	137 Rosemont Court	667 ft. SSE	RCRA Nongen/NLR	This listing is related to the generation of asbestos-containing waste in 2019 under EPA ID CAC003017460. This

Site	Address	Approximate Distance/Direction from Subject Property	EDR Listing	Additional Information
				listing is not indicative of a spill or release.
Michelle Su	980 Leroy Lane	720 ft. E	RCRA Nongen/NLR	This listing is related to the generation of asbestos-containing waste in 2019 under EPA ID CAC003047649. This listing is not indicative of a spill or release.
Chad Hartman	71 Aleman Court	909 ft. NE	RCRA Nongen/NLR	This listing is related to the generation of asbestos-containing waste in 2020 under EPA ID CAC003090202. This listing is not indicative of a spill or release.
Margery Howe	1334 Summit Road	1153 ft. SW	RCRA Nongen/NLR	This listing is related to the generation of asbestos-containing waste in 2019 under EPA ID CAC002997463. This listing is not indicative of a spill or release.
Peter Brush	140 Hilltop Crest	1317 ft. SE	RCRA Nongen/NLR	This listing is related to the generation of asbestos-containing waste in 2021 under EPA ID CAC003106037. This listing is not indicative of a spill or release.
City of Walnut Creek Corp. Yard	470, 480 and 490 Lawrence Way	0.873 mi. E	Envirostor, VCP	These listings are related to a DTSC clean-up case; however, given the distance and downgradient location, this property is unlikely to adversely impact the Subject Property.
City of Walnut Creek	511 Lawrence Way	0.936 mi. E	Envirostor, LUST, VCP, Cortese, Hist Cortese, Contra Costa Co. Site List, CERS	These listings are related to a DTSC clean-up case; however, given the distance and downgradient location, this property is unlikely to adversely impact the Subject Property.

Site	Address	Approximate Distance/Direction from Subject Property	EDR Listing	Additional Information
Diablo Pest Control	1457 Sos Drive	0.966 mi. ENE	Envirostor, VCP	These listings are related to a DTSC clean-up case; however, given the distance and downgradient location, this property is unlikely to adversely impact the Subject Property.
Broadway Muffler Service	2596 North Main Street	0.969 mi. ENE	HWTS, Envirostor, VCP, DEED, HAZNET	These listings are related to a DTSC clean-up case; however, given the distance and downgradient location, this property is unlikely to adversely impact the Subject Property.
Xtra Oil Co.	1980 North Main Street	0.987 mi. ESE	Notify 65	This listing is related to a "leak report;" however, no additional details are available in the EDR report. Given the distance and downgradient location, this property is unlikely to adversely impact the Subject Property.

4.1.3 Orphan Listings

The EDR report did not identify Orphan sites in the database search. Orphan sites are sites for which a specific geographic location cannot be identified because of insufficient address information.

4.2 Additional Environmental Record Sources

4.2.1 Property Tax Files

According to the Contra Costa County Assessor's Office, the Subject Property is located within the Greater Property identified by APN 175-220-016.

4.2.2 Local Regulatory Records

4.2.2.1 City of Walnut Creek Public Records Center

On March 3, 2022, Woodard & Curran submitted a public record request through the City of Walnut Creek (City) Public Records Center website. The City provided a record of building permits from 2005 to present.

4.2.3 County Regulatory Records

4.2.3.1 Contra Costa County Environmental Health

On March 3, 2022, Woodard & Curran submitted a public record request via email to Contra Costa County Environmental Health. Woodard & Curran was provided soil boring permit applications for three soil borings in May 2021 and 13 soil borings in August 2021.

4.2.3.2 Contra Costa County Hazardous Materials Division

On March 3, 2022, Woodard & Curran submitted a public records request via email to Contra Costa County Hazardous Materials Division (CCCHMD). The CCCHMD is the Certified Unified Program Agency for Contra Costa County. The CCCHMD provided UST inspection reports, UST removal permits, annual UST permits to operate, inspection records and risk management plans for the Greater Property from 1985 to present.

According to the CCCHMD, the Greater Property is registered under the hazardous materials business plan program, hazardous waste generator program, above ground petroleum storage act program, and California accidental release prevention program. Inspection records did not indicate any spill or release on the Greater Property or Subject Property.

The Greater Property maintained a permit to operate a 750-gallon diesel UST since July 1987. A UST removal permit was submitted for this UST in 1988. On March 17, 1988, the 750-gallon diesel UST was excavated and removed from the Greater Property and noted to be in good condition. A soil sample was collected at the time of UST removal; however, no results of chemical testing were found in the CCCHMD records (see **Section 4.2.3.3** for testing results). The 750-gallon diesel UST was replaced with a 550-gallon double-walled fiberglass diesel UST with a continuous leak detection system on September 12, 1988. The 550-gallon UST was reportedly removed by Ferma Corporation (Ferma) on February 8, 2005, under a Contra Costa County Hazardous Materials Division (CCCHMD) UST removal permit dated 11/16/2004. According to documents provided by the Client, both CCCHMD and Contra Costa County Fire Protection District representatives were present for the UST removal. Ferma collected and analyzed soil samples from the excavation sidewalls and excavation bottom for petroleum hydrocarbons as diesel. No analytes were detected above the laboratory reporting limit in the excavation soil samples. Given the lack of detections in excavation soil samples and noted good condition of the tanks removed, these USTs are unlikely to have adversely impacted the Subject Property.

4.2.3.3 Contra Costa County Fire Protection District

On March 23, 2022, Woodard & Curran performed an in-person file review of Contra Costa County Fire Protection District (CCCFPD) files for the Subject Property address. The CCCFPD provided a UST removal permit for a 750-gallon diesel UST, removal documents for the 750-gallon diesel UST on March 17, 1988, master plans and specifications for a 550-gallon UST replacement, and tank system tightness test records for the replacement UST.

One soil sample was collected during the removal of the 750-gallon diesel UST. This sample was collected at 8 feet below the ground surface (bgs). The sample was analyzed for extractable petroleum hydrocarbons as diesel, benzene, toluene, and total xylenes. None of these analytes were detected above their respective reporting limits. Given the lack of detections in the soil sample collected and good condition of the tank that was removed, this UST is unlikely to have adversely impacted the Subject Property.

4.2.4 State Regulatory Records

4.2.4.1 California Environmental Protection Agency

Woodard & Curran reviewed the California EPA (CalEPA) Regulated Site Portal. The CalEPA Regulated Site Portal combines data about environmentally regulated facilities and sites throughout California. The portal includes data on hazardous waste and materials, state, and federal cleanups, impacted ground and surface waters, and toxic releases. The Greater Property was identified on the National Pollutant Discharge Elimination System (NPDES) and CIWQS system. No evidence of a spill or release to the Subject Property was identified.

4.2.4.2 State Water Resources Control Board

Woodard & Curran reviewed the State Water Resources Control Board's GeoTracker online database. GeoTracker provides online access to environmental data from water quality regulatory programs, including oil and gas monitoring related activities. Woodard & Curran identified records related to a UST, as described in **Section 4.2.3**.

4.2.4.3 Department of Toxic Substances Control EnviroStor Database

Woodard & Curran reviewed the DTSC's EnviroStor online database. EnviroStor is a data management system for tracking cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or potential contamination. The Subject Property and Greater Property were not identified in the database search results. Four regulated sites were identified within one mile of the Subject Property and are described in **Section 4.1.2**.

4.2.4.4 California Division of Oil, Gas and Geothermal Resources

Woodard & Curran searched the California Division of Oil, Gas, and Geothermal Resources Well Finder for oil and gas fields in California and identified one plugged dry hole located approximately 0.75 miles south of the Subject Property. According to available records, the well was drilled on April 10, 1941, by Lafayette Oil Company.

4.2.5 Federal Regulatory Records

4.2.5.1 United States Environmental Protection Agency

Woodard & Curran reviewed the United States EPA Envirofacts online database. Envirofacts provides access to several EPA databases that maintain information about environmental activities that may affect air, water, and land in the United States. The Greater Property was identified on several compliance-related databases that were identified in the EDR report and described in **Section 4.1.1**.

4.2.5.2 National Pipeline Mapping System

Woodard & Curran reviewed the National Pipeline Mapping System (NPMS) public viewer website for gas transmission pipelines and hazardous liquid trunk lines within one mile of the Subject Property. No pipelines, accidents, or incidents were identified.

5. HISTORICAL REVIEW

Historical use information for the Subject Property and surrounding area was reviewed to identify past uses with the potential to have caused RECs. ASTM standard E-1527-13 requires the identification of all obvious uses of the Subject Property and area surrounding the Subject Property from the present back to the first developed use, or back to 1940, whichever is earlier, using reasonably ascertainable standard historical sources. A summary of the historical sources provided by EDR and reviewed are listed below.

- Historical Sanborn Fire Insurance Maps – None provided
- Historical Aerial Photographs – Dated between 1939 and 2016
- Historical Topographic Maps – Dated between 1897 and 2018
- City Directories – Dated between 1975 and 2017

5.1 Aerial Photographs

Historical aerial photographs of the Subject Property and the surrounding area were requested from EDR. EDR provided 12 photographs of the Subject Property dated from 1939 to 2016. The most recent aerial photograph (2021) was obtained from Google Earth. Information obtained from the photographs is summarized in **Table 5-1**. The aerial photographs are included in **Appendix D**.

Table 5-1: Historical Aerial Photograph Review

Date	Description
1939	The Subject Property, Greater Property, and the surrounding area was primarily vacant land. A north trending stream flows through the central portion of the Greater Property.
1946	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1939 aerial photograph.
1950	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1946 aerial photograph.
1958	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1950 aerial photograph.
1968	The Subject Property is developed with the north rapid mix and the old chemical tank pad. Two ASTs are present on the old chemical tank pad. The remainder of the Subject Property is undeveloped land and/or landscaped area. Additionally, the Greater Property is developed with asphalt-paved roadways, the current operations building, north filtration beds, a settling pond, storage sheds, and a clearwell. Residences are located immediately east of the Greater Property.
1974	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1968 aerial photograph.
1982	The Subject Property is developed with the features observed in the 1968 and 1974 aerial photographs with the addition of the solids detention basin. The Greater Property is developed with the same features observed in the 1968 and 1974 aerial photographs with the addition of the current carpenter shop/mechanical maintenance shop in the north portion of the property.
1987	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1982 aerial photograph.

Date	Description
1993	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1987 aerial photograph.
1998	The Subject Property is developed with the same features observed in the 1982, 1987, and 1993 aerial photographs with the addition of the current electrical and instrumentation shop. The Greater Property and surrounding area appear generally similar to the 1993 aerial photograph.
2012	The Subject Property is developed with the features observed in the previous aerial photographs with the addition of the south rapid mix, backflow preventer to the chemical storage building, stormwater detention basin, generator building, and switchgear building. The Greater Property is developed with the features observed previously with the addition of a filtration bed south of the operations building, chemical storage building, equalization basins, sedimentation basins and chemical contact chamber tank and a replacement of the rectangular clearwell with a cylindrical clearwell. The surrounding area appears generally similar to the 1998 aerial photograph.
2016	The Subject Property and surrounding area appear generally similar to the 2012 aerial photograph.
2021	The Subject Property and surrounding area appear generally similar to the 2016 aerial photograph.

5.2 City Directories

Woodard & Curran reviewed the City of Walnut Creek directory summary provided by EDR for the years of 1975 to 2017. A copy of the EDR's City Directory is provided in **Appendix D**. The listings for the Subject Property and Greater Property were reviewed and are summarized in **Table 5-2**. Listings identified for adjacent properties generally consist of numerous residential properties and a school from 1975 to 2017.

Table 5-2: Historical City Directories Review

Property	Address	Date	Description
<i>Subject Property</i>	2201 Larkey Lane	2017	No city directory listing for the Subject Property.
		2014	Overaa Construction
		2010	No city directory listing for the Subject Property.
		2005	No city directory listing for the Subject Property.
		2000	No city directory listing for the Subject Property.
		1995	No city directory listing for the Subject Property.
		1992	No city directory listing for the Subject Property.
		1990	No city directory listing for the Subject Property.
		1985	No city directory listing for the Subject Property.
		1980	No city directory listing for the Subject Property.
1975	No city directory listing for the Subject Property.		

5.3 USGS Topographic Maps

Six historical USGS topographic maps for the Subject Property and surrounding area were obtained from EDR for years ranging from 1897 to 2018. The most recent topographic map (2021) was obtained from the USGS National Geologic Map Database. These maps are summarized in **Table 5-3** and are included in **Appendix D**.

Table 5-3: Historical Topographic Map Review

Date	Description
1897	The Subject Property, Greater Property, and surrounding area appear to be vacant land with north-south trending creeks spanning the central and western portions of the Greater Property.
1915	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1897 topographic map.
1947	The Subject Property and Greater Property appear to be vacant land. Residences and roadways appear in the surrounding areas east and north of the Subject Property. The Mokelumne Aqueduct and Walnut Creek Tunnel adjoin the western Greater Property boundary.
1948	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1947 topographic map.
1949	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1948 topographic map.
1959	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1949 topographic map.
1968	The Greater Property appears developed with a roadway, two buildings, and three ponds. The Subject Property generally appears to have a pond located where the current north rapid mix is located. Residential properties are immediately adjacent east of the Greater Property.
1973	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1968 topographic map.
1980	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1973 topographic map with the addition of a clearwell in the central portion of the Greater Property.
1995	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1980 topographic map. The pond located where the current north rapid mix is located does not appear to be present.
1996	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1995 topographic map.
2012	The Subject Property, Greater Property, and surrounding area appear generally similar to the 1996 topographic map.
2015	The Subject Property, Greater Property, and surrounding area appear generally similar to the 2012 topographic map.
2018	The Subject Property, Greater Property, and surrounding area appear generally similar to the 2015 topographic map.
2021	The Subject Property, Greater Property, and surrounding area appear generally similar to the 2018 topographic map.

5.4 Prior Assessments and Investigations

Technical Memorandum: Preliminary Environmental Site Assessment, East Bay Municipal Utility District, Walnut Creek Water Treatment Plant prepared by Harza Engineering Company, dated March 21, 2000.

On March 21, 2000, Harza Engineering Company Inc. prepared a preliminary environmental site assessment for Carollo Engineers for the Walnut Creek Water Treatment Plant located at 2201 Larkey Lane, Walnut Creek, California. The scope of this preliminary environmental site assessment consisted of reconnaissance of the site and nearby properties, review of agency files, review of regional environmental conditions, a hazardous materials inventory and asbestos survey, limited sampling and analysis program for potential asbestos-containing material and lead-based paint and soil, and preparation of the technical memorandum.

Harza personnel visited the EBMUD Walnut Creek Water Treatment Plant on February 24, 1999, with a certified asbestos and hazardous materials inspector to conduct a site reconnaissance and evaluate the potential presence of asbestos-containing materials (ACMs) or lead-based paint in structures. They were accompanied by Mr. Dennis Mecham, a water treatment supervisor and the site representative. During site reconnaissance, the following relevant features were observed:

- A UST located immediately north of the radio room. This tank was reportedly a 550-gallon, double-walled UST. A 2,000-gallon, double-walled diesel AST was observed adjacent to the emergency generator room. Additionally, two outdoor polyaluminum hydroxylchloride ASTs and one outdoor sodium hydroxide AST were observed west of the operations center within secondary containment.
- Electrical transformers were observed at the north end of the Subject Property. The site representative indicated that they had been replaced approximately 15 years prior and that any PCB-containing equipment would have been removed at that time.
- No on-site hazardous waste was observed by Harza; however, the site representative indicated hazardous wastes generated include small quantities of used oil, paint containers and lead-acid batteries.

A limited soil sampling program was described in a memorandum dated August 11, 1999. Woodard & Curran was not provided a copy of this memorandum. The sampling program reportedly consisted of the advancement of four soil borings in the vicinity of the UST, diesel AST, and south of the operation center parking lot. Soil samples were collected from soil borings EB-1 to EB-3 at depths of 1-foot, 3-feet, and 5 feet bgs and then every 5 feet to the maximum depth of each boring. Borings EB-1, EB-3, and EB-4 were advanced to a total depth of 20 feet bgs. EB-2 encountered refusal at bedrock at a depth of 13 feet. Composite soil samples were collected near the "small embankment fill" (SEF Comp) and the "waste fill" (CWE Comp) areas. These samples consisted of three-point field composites of soil samples collected at 1-foot bgs.

Soil samples from EB-1 to EB-4 were composited by the analytical laboratory (Columbia Analytical Services). EB-1 was analyzed for total petroleum hydrocarbons (TPH) as gasoline (TPH-g), benzene, toluene, ethylbenzene, and xylenes (BTEX) and halogenated volatile organic compounds (VOCs). EB-2 was analyzed for TPH as diesel (TPH-d). EB-3 was analyzed for halogenated VOCs. EB-4 was analyzed for TPH-d, halogenated VOCs, organochlorine pesticides, PCBs, chromium, and lead. SEF Comp was analyzed for TPH-d and halogenated VOCs. CWE Comp was analyzed for TPH-d. None of the analytes were reported above laboratory reporting limits except for low-level detections of chromium (22 milligram/kilogram [mg/kg])

and lead (9 mg/kg) at EB-4. Based on the results of the limited soil investigation, Harza concluded that contaminants of potential concern were not present in site soils.

The hazardous materials inspector visually inspected structures on site for evidence of ACMs or lead-based paint. Nineteen samples were collected and submitted to a certified analytical laboratory for analysis. The results indicated that there was approximately 4,200 square feet of friable ACM in the acoustic ceiling material in the Operating Gallery building. Non-friable ACMs were found in three areas of the Subject Property including the sealant between Building 11 and 12, the corrugated asbestos cement roofing on the Clearwell building, and the roofing material on Building 12.

Lead-based paint was identified on the walls of the Operating Gallery building. The Operating Gallery building had been previously remediated but new areas of deterioration had developed. Harza's report was reviewed and signed by a Certified Industrial Hygienist.

EBMUD Larkey Reservoir Remedial Closure Report prepared by PES Environmental, dated March 1996.

PES Environmental (PES) prepared a remedial closure report for the Larkey Reservoir, an EBMUD-owned property southwest of the Walnut Creek Filter Plant (currently the WCWTP or Greater Property). The Larkey Reservoir is a 3-million-gallon steel tank reservoir built on a cut into the northeast facing hillside.

According to a summary of previous investigations at the site, sand blasted material (SBM) was observed up to four inches thick on the embankment of the reservoir cut and several SBM piles up to 8 inches high were observed on EBMUD property outside the eastern fence of the site. It was presumed the SBM was deposited from the removal of lead-based paint on the reservoir tank. Ten SBM and soil samples were collected and analyzed for total lead and PCBs. Laboratory results indicated that lead was present at concentrations ranging from 31.1 to 7,700 mg/kg and PCBs were present in one sample at 4.98 mg/kg.

Remedial activities were conducted and included the removal of approximately 79 tons of SBM and SBM-impacted soil from October 4 to December 5, 1995. Loose SBM and soil were removed by vacuum and the underlying soil was excavated to depths ranging from 1 to 3 inches. The soil excavation cuttings were containerized in five roll-off bins. Composite samples were collected from each bin and analyzed for Toxicity Characteristic Leaching Procedure (TCLP) extractable lead and PCBs. Analytical results indicated that four of the bins contained California-regulated, non-RCRA hazardous waste and one bin contained RCRA hazardous waste for lead. These bins were transported for disposal at Chemical Waste Management in Kettleman City, California by a licensed hazardous waste hauler.

Remedial goals for Larkey Reservoir were established at 250 mg/kg for lead and 1 mg/kg for PCBs. In areas where public access is restricted, remedial goals were established at 900 mg/kg for lead and 5 mg/kg for PCBs. Forty-seven verification samples were collected following remedial activities and analyzed for total lead and PCBs. Thirty-six of the samples had concentrations below the remedial goals. Additional SBM and soil were excavated from the 11 locations with sample concentrations that exceeded the remedial goals. Supplementary verification samples were collected at these locations following the additional excavation of SBM and soil. PES concluded that based on the analytical results of verification samples that the remedial goals had been met and recommended no further action at the site. Given that this contamination was limited to shallow soil and was not located on or immediately adjacent to the Subject Property, any residual contamination related to the Larkey Reservoir is unlikely to adversely impact the Subject Property.

6. INTERVIEWS

6.1 Interview with Current Owner Representative

On February 18, 2022, Kevin Almestad of Woodard & Curran interviewed the EBMUD Representative, Miguel Halpern, during a visual reconnaissance of the Subject Property. Information provided by the EBMUD Representative is included throughout this Phase I ESA Report.

6.2 Interview with Former Owner Representative

Former owners or their representatives were not identified and thus could not be interviewed as part of this Phase I ESA.

6.3 Interview with Regulatory Agency Representatives

Woodard & Curran contacted local, county, and state agencies via email, in-person and/or accessed available records online to obtain relevant public records regarding the Subject Property, as discussed in **Section 4.2.**

7. SITE RECONNAISSANCE

On February 22, 2022, Kevin Almestad of Woodard & Curran conducted a visual reconnaissance of the eight on-site locations proposed for demolition activities (Subject Property). According to ASTM Standard E-1527-13, the objective of a visual reconnaissance is to obtain information indicative of a REC in connection with the Subject Property. The following items are considered indicators of the storage, use or release of hazardous constituents and/or petroleum products and were visually investigated during the reconnaissance: ASTs or evidence of USTs; strong odors; pools of liquid; drums; containers of hazardous substances; petroleum products and/or unidentified substances; and/or electrical or hydraulic equipment likely to contain PCBs. Photographs taken during the reconnaissance are included in **Appendix A**. General observations made during the reconnaissance are summarized in **Table 7-1**.

Table 7-1: Summary of Readily Observable Site Features

General Observation	Comments
Aboveground Storage Tanks	Observed
Agricultural Wells	Not observed
Air Emission Control Systems	Not observed
Boilers	Not observed
Burning Areas	Not observed
Catch Basins	Observed
Chemical Mixing Areas	Observed
Chemical Storage Areas	Observed
Drainage Ditches and Creeks	Observed
Elevators / Hydraulic Lifts	Not observed
Emergency Generators	Observed
Equipment or Vehicle Maintenance or Repair Areas	Not observed
Fill Placement or Stock-piled Soil	Not observed
Floor Drains	Not observed
Fuel or Drum Storage / Petroleum Products	Observed
Gas Stations	Not observed
Hazardous Substances	Not observed
Heating	Observed
High Power Transmission Lines	Not observed
Incinerator	Not observed
Odors	Not observed
Oil / Water Separators	Not observed
Paint Shops	Not observed
PCBs	Not observed
Petroleum Pipelines	Not observed
Pits, Ponds, or Lagoons	Not observed
Pools of Liquid	Not observed
Railroad Lines	Not observed
Row Crops or Orchards	Not observed

General Observation	Comments
Runoff Structures	Not observed
Soil or Pavement Staining	Not observed
Solid Waste / Trash / Debris	Not observed
Stressed Vegetation	Not observed
Sumps or Clarifiers	Not observed
Transformers	Observed
Underground Storage Tanks	Not observed
Utilities	Observed
Vehicle Wash Areas	Not observed
Water Supply	Observed
Wastewater Collection, Treatment or Disposal	Not observed
Wells	Not observed
Wetlands	Not observed
Evidence of Soil Boring	Not observed

7.1 Observations

General observations regarding the current use, interior/exterior conditions, and adjoining properties of the Subject Property are discussed below.

7.1.1 Current Use and General Observations

The Greater Property is currently operated as a primary water treatment plant that serves portions of Pleasant Hill, Walnut Creek, Alamo, Lafayette, Danville, Blackhawk, and San Ramon Valley.

Current uses of the Subject Property are:

North and South Rapid Mix: The north and south rapid mix structures are used to mix coagulants conveyed from the chemical storage building with influent raw water prior to flowing to the filters.

Chemical Storage Building Backflow Preventer: The backflow preventer feeds treated water to four subsystems in the chemical storage building including fire suppression system, chase water system, service water system, and non-potable water system.

Electrical and Instrument Building: The electrical and instrument building is used as workshop and office space for WCWTP electricians and instrument operators.

Old Chemical Tank Pad: The old chemical tank pad is currently a concrete pad that is not in use.

Emergency Generator and Switchgear Building: The emergency generator is used to power the WCWTP in the case of power failure. The emergency generator is fueled from the 5,000-gallon diesel AST. The electrical switchgear building is used to control and protect power systems on the WCWTP.

Solids Detention Basin and Decant Pump: The solids detention basin and decant pump are used to separate water and solids conveyed from the sedimentation basins.

Stormwater Detention Basin: The stormwater detention basin is used to collect and discharge stormwater from the Greater Property to the unnamed tributaries to Putnam Creek flowing downstream from the site.

7.1.2 Aboveground Storage Tanks

One diesel AST was observed on the Subject Property. The 5,000-gallon diesel AST is located adjacent to the emergency generator building and electrical switchgear building. The AST was observed to be in good condition with no evidence of a spill or release. According to the EBMUD Representative, Mr. Halpern, the tank is a double walled AST with a continuous leak detection system. Mr. Halpern stated he was not aware of any spill or release that had occurred related to the diesel AST.

7.1.3 Chemical Mixing Areas

Chemical mixing areas were observed in the north rapid mix and south rapid mix areas where coagulants from the chemical storage building are mixed with influent water prior to entering the filtration beds. No other chemical mixing areas were observed on the Subject Property.

7.1.4 Chemical Storage Areas

The chemical storage building is located adjacent to the backflow preventers that feed the building. Chemical storage in the chemical storage building includes the following water treatment chemicals and coagulants: fluoride, caustic soda, ammonia, hypochlorite, polyaluminum chloride, and cationic polymer.

In addition, chemicals stored at the WCWTP are listed in **Section 3.4**.

No evidence of staining or a release was observed at the time of the reconnaissance.

7.1.5 Emergency Generators

One Cummings 1500 DFLE-4078, 1,500-kilowatt diesel generator is housed in the generator building adjacent to the 5,000-gallon diesel AST and electrical switchgear building. The emergency generator is fueled from the 5,000-gallon diesel AST.

Additionally, a portable generator was observed in the electrical and instrument shop.

7.1.6 Stormwater Detention Basins

A stormwater detention basin was observed on the Subject Property in the northeast portion of the Greater Property. This stormwater detention basin drains to unnamed tributaries to Putnam Creek to the north.

7.1.7 Drainage Ditches and Creeks

An unnamed tributary to Putnam Creek was observed immediately north of the stormwater detention basin described in **Section 7.1.6**.

7.1.8 Fuel or Drum Storage / Petroleum Products

Petroleum products were observed within plastic secondary containment in the generator building. Petroleum products included motor oils and lubricants in 5-gallon buckets and/or one-quart plastic

containers. Additional petroleum products stored at the WCWTP are listed in **Section 3.4**. No evidence of staining or a release was observed at the time of the site visit.

7.1.9 Heating Systems

The electrical and instrument control building is heated by natural gas. No other heating systems were observed on the Subject Property.

7.1.10 Transformers

Two electrical transformers were observed on the Subject Property adjacent to the generator building and electrical switchgear building. According to PCB testing documents provided by the Client, these transformers were sampled and analyzed for PCBs in 2017. No PCBs were detected in these transformers. No stains or evidence of a release were observed at the time of the reconnaissance.

7.1.11 Underground Storage Tanks

No visual evidence of USTs was observed during the reconnaissance. The Subject Property Representative, Mr. Halpern, was not aware of any USTs on the Subject Property.

Former USTs on the Subject Property are described in **Section 4.2.3.2**, **Section 4.2.3.3**, and **Section 5.4**.

7.1.12 Utilities

Utilities observed during reconnaissance including electricity, natural gas, telecommunications, water, and sewer. Electricity and natural gas utilities are provided by Pacific Gas and Electric Company, and sewer service utilities are provided by the Central Sanitary District. The WCWTP provides its own potable water.

7.1.13 Water Supply

Municipal water supply was observed on the Subject Property. WCWTP provides its own potable water.

7.1.14 Other Observations

No other significant observations were made on the Subject Property during the reconnaissance.

7.1.15 Adjoining Property Observations

Woodard & Curran observed the properties adjoining the Subject Property and Greater Property during the reconnaissance and from public roadways.

The Subject Property and Greater Property are located in Walnut Creek, Contra Costa County in an area characterized by residential neighborhoods and recreational hiking trails. The Greater Property is bounded by undeveloped land with hiking trails followed by residential properties to the north, south, and west, with residences located immediately east of the Greater Property.

8. DATA GAPS

As reported by Harza on March 21, 2000, samples of building materials collected on February 24, 1999, by a certified asbestos and hazardous materials inspector indicated the presence of friable and non-friable ACMs and lead-based paint in certain buildings. Sampling of the structures in the Project's Phase 1 and 2 demolition areas would need to be conducted to confirm presence or absence of these materials.

Woodard & Curran was unable to access or observe the interior of the electrical switchgear building on the Subject Property, which was locked at the time of the reconnaissance. This data gap is anticipated to have little impact on the findings and conclusions of this Phase I ESA Report, as supporting information regarding the use and history of the Subject Property, which was not subject to the limitation above, was available through other resources.

No additional data gaps regarding the Subject Property that may have significant impact on the findings and conclusions of this Phase I ESA Report were identified.

9. FINDINGS AND CONCLUSIONS

Woodard & Curran was retained by EBMUD (User or Client) to conduct a Phase I ESA of the Phase 1 and 2 demolition areas of the Project. The Subject Property is comprised of eight separate operational areas proposed for demolition activities located within the larger WCWTP (Greater Property) located at 2201 Larkey Lane in Walnut Creek, California (see Figure 2). This Phase I ESA was requested to identify potential environmental risks associated with the Subject Property as part of a due diligence effort to support the Project. Woodard & Curran evaluated the Subject Property for evidence of the presence or likely presence of hazardous substances or petroleum products under conditions that indicate an existing release, a past release, or a material threat of releases into structures, soils, groundwater, surface water, or sediments on the Subject Property. These conditions are referred to in this report as RECs, CRECs, and HRECs. This Phase I ESA included a visual reconnaissance, historical research, and a review of applicable local, state, and federal environmental records.

Based on records in the Contra Costa County Assessor's Office, the Subject Property consists of eight separate areas within the approximately 50-acre Greater Property parcel identified by APN 175-220-016-0. The Subject Property and Greater Property are located in Walnut Creek, Contra Costa County in an area characterized by residential neighborhoods and recreational hiking trails. The Greater Property is bounded by undeveloped land with hiking trails followed by residential properties to the north, south, and west, with residences located immediately east of the Greater Property.

According to historical records reviewed and information provided by the EBMUD Representative, the Subject Property and Greater Property consisted of vacant land from the late 1800s to 1966, when the Greater Property was first developed with the WCWTP. At this time, the Subject Property was improved with the north rapid mix and old chemical tank pad. The old chemical tank pad reportedly contained the polyaluminum chloride and cationic polymer tanks. In 1974, the Subject Property was developed with the solids detention basin and decant pump. By 1998, the Subject Property appeared to be developed with the electrical and instrument shop building, which was reportedly used to store hypochlorite and fluoride. By 2006, the Subject Property was developed with the south rapid mix, stormwater detention basin, emergency generator building, 5,000-gallon diesel AST, electrical switchgear building, and backflow preventer to the chemical storage building. In 2006, the electrical and instrument building was reportedly filled with three feet of concrete and converted to the current electrical and instrument control shops and offices, and the polyaluminum chloride and cationic polymer tanks appear to be removed from the old chemical tank pad. The Subject Property has remained in the same general configuration to present.

ACMs and lead-based paint were identified in certain buildings and due to the age of existing structures at the Subject Property there is a potential for presence of ACMs and lead-based paint in buildings. A survey of ACMs and lead-based paint by accredited ACM and lead-based paint inspectors is recommended to confirm the presence or absence of these materials in structures located in the Phase 1 and 2 demolition areas. Although not considered a REC, renovation or demolition of the onsite structures would require an asbestos and lead-based paint survey and possibly abatement. **Table 9-1** provides a summary of identified RECs and other potential issues identified during this assessment. Woodard & Curran did not identify any CRECs or HRECs associated with the Subject Property during this Phase I ESA.

Table 9-1: Summary of Identified RECs and Other Potential Issues

Site and Address	Record Source	RECs and Other Potential Issues
Subject Property 2201 Larkey Lane, Walnut Creek, CA	EDR Database Report/GeoTracker Database	According to the EDR report and State Water Resources Control Board (SWRCB) GeoTracker database, a 55-gallon gasoline UST and a 1,000-gallon gasoline UST are (or were) listed at the Subject Property address. The 55-gallon UST was listed under the facility name "Walnut Creek Pumping Plant", but EBMUD believes this is the Larkey Pumping Plant at the WCWTP. No additional information was available regarding the 1,000-gallon UST. No record of a spill or release was identified in connection with these USTs. Although there is evidence of a spill or release on the Subject Property, the lack of information associated with these USTs is considered a business environmental risk.
Subject Property 2201 Larkey Lane, Walnut Creek, CA	EDR Report/Hazardous Waste Tracking System/Harza Engineering Company Preliminary Assessment Report	According to the EDR Report and DTSC Hazardous Waste Tracking System (HWTS), the Subject Property address generated polychlorinated biphenyls (PCBs) and PCB-containing materials in 1994 under Environmental Protection Agency (EPA) ID CAC001004984 and in 2002 under EPA ID CAC002470063. The Harza Preliminary Assessment Report noted that several transformers were removed and replaced 15 years prior to their assessment (roughly 1985) and were not able to determine whether the older transformers contained PCBs. Although there is no evidence of a spill or release on the Subject Property, the presence of PCBs and potential PCB-containing equipment is considered a business environmental risk.

10. QUALIFICATIONS OF STAFF

Kevin Almestad, GIT. Mr. Almestad is a Scientist 2 at Woodard & Curran and has over 7 years of experience working primarily in environmental due diligence, site investigation, remediation management, water supply and related services for a variety of clients. His experience includes conducting Phase I and Phase II ESAs; remedial action planning, implementation, and monitoring; water well assessments; environmental permitting; stormwater sampling and regulatory compliance. Mr. Almestad has worked with industrial clients, government, consultants, private equity, law firms, technology, and power companies. Mr. Almestad holds a Bachelor of Science degree in Earth Science from University of California, Santa Barbara.

Jim Strandberg, PG 5308, CHG 800. Mr. Strandberg is a Principal and Senior Hydrogeologist at Woodard & Curran and has over 35 years of environmental and groundwater resources experience in environmental due diligence, regulatory negotiation and compliance, site investigation and remediation, water quality, water supply, and litigation support. He has extensive experience in leading site characterizations, evaluation of contaminant fate and transport, and remediation projects using human health and ecological risk-based approaches for sites with soil, soil gas, groundwater, surface water, and sediment impacted by petroleum hydrocarbons, volatile and semi-volatile organics, inorganics and metals, pesticides, PCBs, and PFAS compounds. He has worked in numerous major industrial sectors including transportation (aviation, port, rail, and automotive), insurance, aerospace/defense manufacturing, power utilities, electronics, hazardous and solid waste landfills, mining, and oil and gas. Jim has provided litigation support and dispute resolution services on numerous projects pertaining to impacted media.

Mr. Strandberg holds a Bachelor of Science degree in Geology from the University of California at Davis and a Master of Science degree in Civil/Water Resources Engineering from Stanford University. Mr. Strandberg meets the requirements of an "Environmental Professional," as described in EPA's All Appropriate Inquiries Rule.

11. SIGNATURES

Jim Strandberg, an Environmental Professional with Woodard & Curran and Professional Geologist, Certified Engineering Geologist, and Certified Hydrogeologist in the State of California, served as the Project Manager and Technical Lead, and reviewed this Phase I ESA Report. Kevin Almestad, a State of California Certified Geologist-in-Training with Woodard & Curran, conducted the visual reconnaissance of the Subject Property, conducted the records search review, and wrote this Phase I ESA Report under the direction of Mr. Strandberg. Signatures are affixed below.

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



James F. Strandberg, PG, CEG, CHG
Senior Project Manager
Woodard & Curran

A handwritten signature in blue ink, appearing to read "K. Almestad", written over a horizontal line.

Kevin C. Almestad, GIT
Geologist
Woodard & Curran

12. REFERENCES

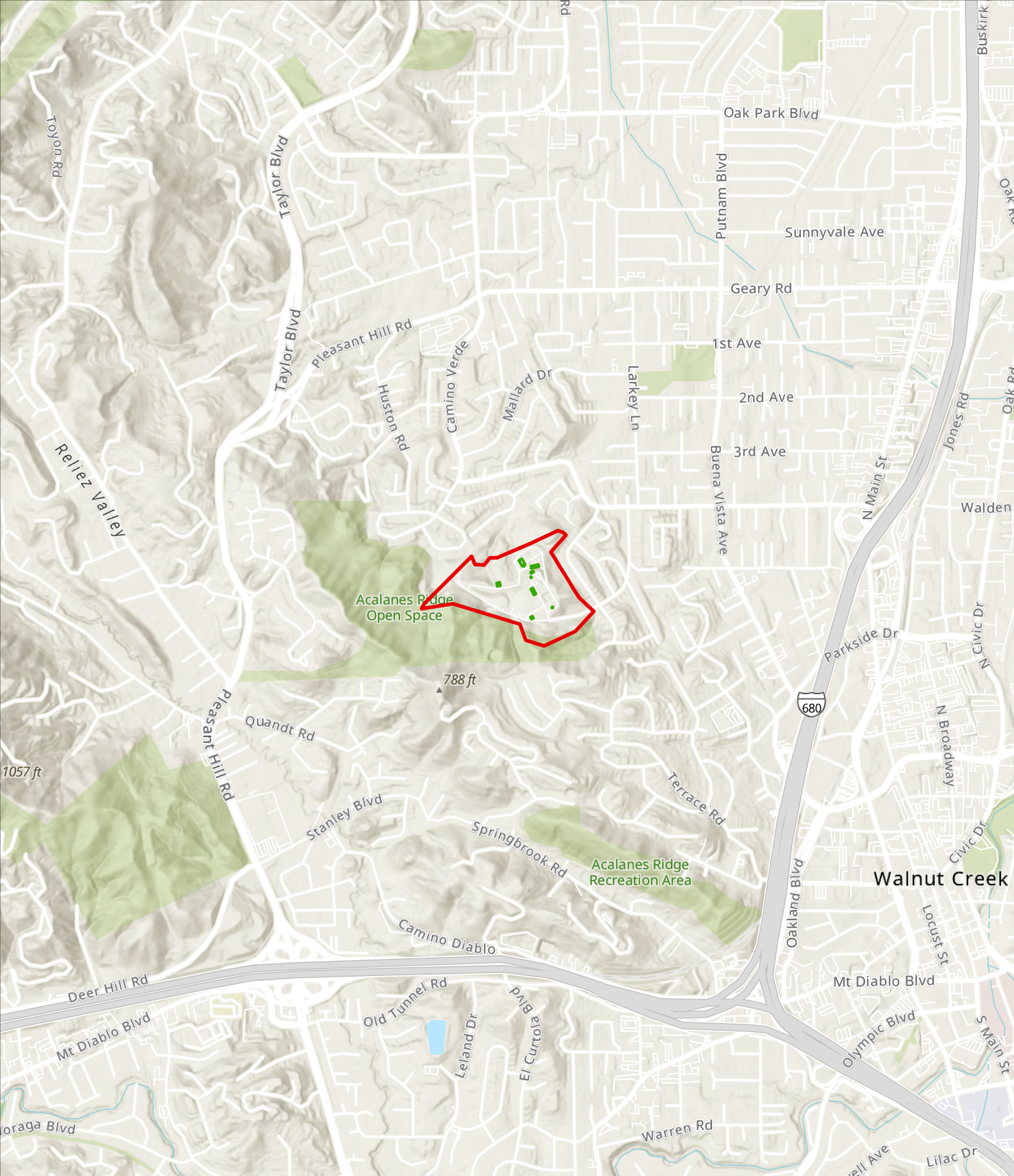
- California Geological Survey, 2010. 2010 Geologic Map of California.
- Contra Costa County. 2022. CCMAP. Available at <https://ccmap.cccounty.us/Html5/index.html?viewer=CCMAP>. Accessed March 3, 2022.
- Department of Toxic Substances Control. 2022. EnviroStor. Available at <https://www.envirostor.dtsc.ca.gov/public/>. Accessed March 3, 2022.
- Environmental Data Resources, Inc. (EDR) Radius Map™ Report, February 8, 2022.
- EDR Aerial Photo Decade Package, February 7, 2022.
- EDR City Directory Image Report, February 8, 2022.
- EDR Historical Topographic Map Report, February 7, 2022.
- EDR Sanborn Map Report, February 8, 2022.
- Federal Emergency Management Agency's (FEMA). 2022. National Flood Hazard Layer. Available at <https://msc.fema.gov/portal/search?AddressQuery=1621%20MAIN%20AVENUE%2C%20SACRAMENTO%2C%20CALIFORNIA#searchresultsanchor>. Accessed March 3, 2022.
- Google. 2021. Google Earth. Available at <https://earth.google.com/web/>. Accessed August 1, 2022.
- Harza Engineering Company (Harza). 2000. Technical Memorandum: Preliminary Environmental Site Assessment, East Bay Municipal Utility District, Walnut Creek Water Treatment Plant. March 21.
- National Pipeline Mapping System (NPMS). 2022. Public Map Viewer. Available at: <https://pvnpm.phmsa.dot.gov/PublicViewer/>. Accessed March 3, 2022.
- Ninyo & Moore. 2022. Geotechnical Interpretive Report, Walnut Creek Water Treatment Plant, 2201 Larkey Lane, Walnut Creek, California, June 9, 2022.
- PES Environmental. 1996. EBMUD Larkey Reservoir Remedial Closure Report. March.
- State Water Resources Control Board. 2022. GeoTracker. Available at <https://geotracker.waterboards.ca.gov/>. Accessed March 3, 2022.
- United States Environmental Protection Agency. 2022. Envirofacts. Available at: <http://www.epa.gov/envirofw/>. Accessed March 3, 2022.
- United States Fish and Wildlife Service National Wetlands Inventory. 2022. Wetlands Mapper. Available at <https://www.fws.gov/wetlands/data/mapper.html>. Accessed March 3, 2022.
- United States Geological Survey National Geologic Map Database. 2021. TopoView. Available at <https://ngmdb.usgs.gov/topoview/>. Accessed August 1, 2022.

FIGURES

Figure 1: Subject Property Location

Figure 2: Subject Property Layout

Figure Exposed: 4/27/2022 By: kalmestad Using: \\woodardcurran.net\share\Projects\0011797.00_EBMUD_WCWP\ER\WP\Project_Management\Phase_1\ESA\GIS\MXD\WCWP\Phase_1\ESA.aprx\Layout_Standard_8.5x11_P_Bottom



Subject Property Location
East Bay Municipal Utilities District
Walnut Creek Water Treatment Plant
Figure 1

Legend

- Subject Property
- Greater Property

0 0.13 0.25 0.5 Miles




Woodard & Curran

Project #: 0011797.00
Map Created: April 2022

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk. **Data Sources:**

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Subject Property Layout
 East Bay Municipal Utilities District
 Walnut Creek Water Treatment Plant
Figure 2

Legend	Subject Property
	Greater Property
	Approximate Location of Former 750-gallon and 550-gallon USTs

Woodard & Curran

Project #: 0011797.00
 Map Created: April 2022

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk. **Data Sources: ESRI, Contra Costa County**

APPENDIX A: PHOTOGRAPHS



Photo 1: View of the south rapid mix, as viewed from the north.



Photo 2: View of the south rapid mix structure, as viewed from the south.



Photo 3: View of the interior of the south rapid mix.



Photo 4: View of the backflow preventers, as viewed from the north.



Photo 5: View of the backflow preventers, as viewed from the south.



Photo 6: View of the electrical and instrument control building, as viewed from the southeast.



Photo 7: View of the interior of the electrical and instrument control building.



Photo 8: View of the interior of the electrical instrument control building.



Photo 9: View of the upstairs office in the electrical and instrument building.

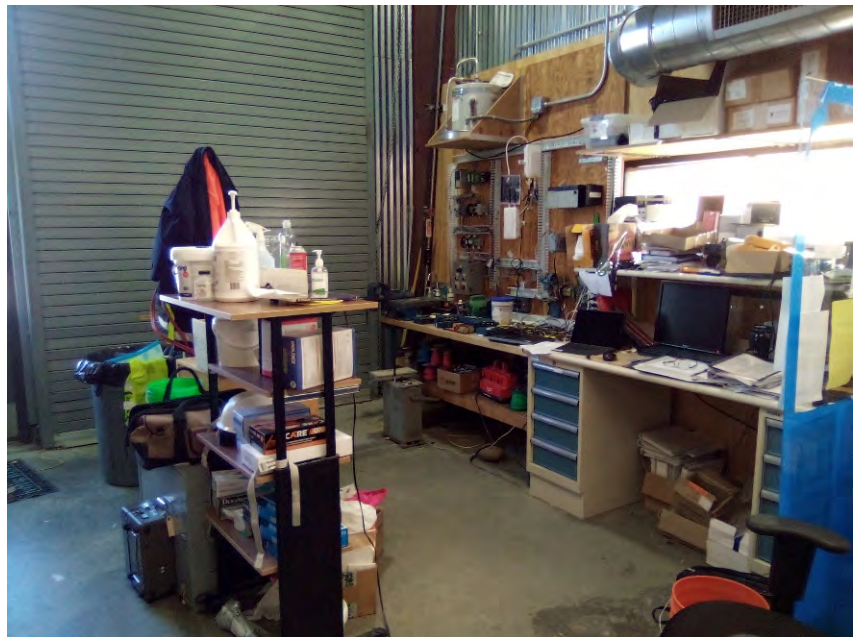


Photo 10: View of the interior of the electrical and instrument building.



Photo 11: View of the north rapid mix, as viewed from the northwest.

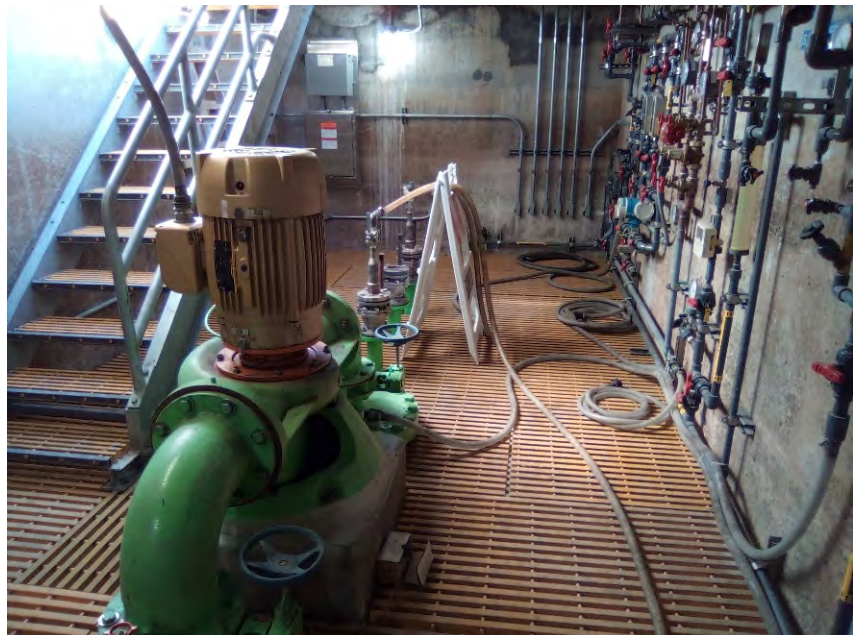


Photo 12: View of the interior of the north rapid mix.



Photo 13: View of the old chemical tank pad, as viewed from the southwest.



Photo 14: View of the old chemical tank pad, as viewed from the northeast.



Photo 15: View of the generator building and switchgear building, as viewed from the northwest.



Photo 16: View of the emergency generator in the generator building.



Photo 17: View of the diesel storage tank in the generator building.



Photo 18: View of motor oil and lubricants stored in secondary containment within the generator building.



Photo 19: View of two transformers adjacent to the generator building and switchgear building, as viewed from the northwest.



Photo 20: View of the 5,000-gallon aboveground diesel storage tank, as viewed from the south.



Photo 21: View the solids detention basin, as viewed from the south.



Photo 22: View of the decant pump, as viewed from the south.



Photo 23: View of the stormwater detention basin, as viewed from the south.



Photo 24: View of the stormwater detention basin, as viewed from the west.

APPENDIX B: USER QUESTIONNAIRE

Phase I Environmental Site Assessment User Questionnaire



One component of the Phase I Environmental Site Assessment (ESA) is the following inquiry to the “user” of the Phase I ESA. The “user” is defined as the party seeking the Phase I ESA and may be the potential purchaser of the property, a potential tenant of the property, an owner of the property, or a property manager. Please complete this questionnaire and return to Woodard & Curran for incorporation into the Phase I ESA Report. This questionnaire will supplement information obtained from interviews with the property operator/owner.

1. Subject Property Address:

2201 Larkey Lane, Walnut Creek, CA 94597

2. Are you aware of any environmental cleanup liens against the Subject Property that are filed or recorded under federal, tribal, state or local law?

Yes No If Yes, please describe:

3. Are you aware of any Activity and Use Limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the Subject Property and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

Yes No If Yes, please describe:

4. As the user of this Environmental Site Assessment, do you have specialized knowledge or experience related to the Subject Property or nearby properties? Specialized knowledge or experience may include familiarity with processes or chemicals used at the Subject Property or adjoining property due to your experience in the same line of business as the current or former occupants of the property or an adjoining property.

Yes No If Yes, please describe: As the environmental compliance contact for the plant, I have knowledge of chemical storage, hazardous waste management, risk management plans, emergency response plans, and above ground storage tanks.



5. The following questions pertain to commonly known or reasonably ascertainable information about the Subject Property that would help the environmental professional to identify conditions indicative of releases or threatened releases:

Do you know the past uses of the Subject Property?
Yes No If yes, please describe: No industrial past use. There may have been agricultural activity on the property. Will need to verify.

Do you know of specific chemicals that are present or once were present at the Subject Property?
Yes No If yes, please describe: chemical inventory attached.

Do you know of spills or other chemical releases that have taken place at the Subject Property?
Yes No If yes, please describe: Minor spills involving nonpetroleum-based chemicals such as sodium hypochlorite, sodium hydroxide, ammonia and coagulants.

Do you know of any environmental cleanups that have taken place at the Subject Property?
Yes No If yes, please describe:

6. As the user of this Environmental Site Assessment, based on your knowledge and experience related to the Subject Property are there any obvious indicators that point to the presence or likely presence of contamination at the Subject Property?

Yes No If Yes, please describe:

7. Name of Individual Completing User Questionnaire

Drew Lerer, Senior Environmental Health and Safety Specialist

8. Date

05/03/2022

APPENDIX C: EDR RADIUS MAP WITH GEOCHECK REPORT

EBMUD Walnut Creek Water Treatment Plant

2201 Larkey Lane

Walnut Creek, CA 94597

Inquiry Number: 6849864.2s

February 08, 2022

The EDR Radius Map™ Report with GeoCheck®



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

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2201 LARKEY LANE
WALNUT CREEK, CA 94597

COORDINATES

Latitude (North): 37.9136170 - 37° 54' 49.02"
Longitude (West): 122.0841410 - 122° 5' 2.90"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 580507.1
UTM Y (Meters): 4196420.5
Elevation: 304 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 12016493 WALNUT CREEK, CA
Version Date: 2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140606, 20140608
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 2201 LARKEY LANE
 WALNUT CREEK, CA 94597

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	EBMUD-WCTP	2201 LARKEY LN	HAZNET, HWTS		TP
A2	EAST BAY MUNICIPLE U	2201 LARKEY LANE	CERS HAZ WASTE, HIST UST, CERS TANKS, HAZNET,...		TP
A3	EBMUD WALNUT CREEK W	2201 LARKEY LANE	SWEEPS UST, CA FID UST, CHMIRS, ENF, CIWQS		TP
A4	EBMUD - WALNUT CREEK	2201 LARKEY LN	HWTS		TP
A5	SWINERTON BUILDERS I	2201 LARKEY LN	HAZNET, HWTS		TP
A6	WALNUT CREEK WATER T	2201 LARKEY LANE	RCRA-SQG		TP
A7	DYK INC	2201 LARKEY LN	HWTS		TP
A8	EAST BAY MUNICIPAL U	2201 LARKEY LN	RCRA NonGen / NLR		TP
A9		2201 LARKEY LN.	CHMIRS		TP
A10	EBMUD WALNUT CREEK W	2201 LARKEY	CERS		TP
A11	EASTBAY MUNICIPAL UT	2201 LARKEY LN	HAZNET, HWTS		TP
A12	WALNUT CREEK PUMPING	2201 LARKEY LN	HIST UST, WDS		TP
A13	EAST BAY MUNICIPAL U	2201 LARKEY LANE	EMI, HWTS		TP
A14	WALNUT CREEK WATER T	2201 LARKEY LN	CIWQS		TP
A15	WALNUT CREEK FILTER	2201 LARKEY LANE	RCRA-VSQG, ICIS, FINDS, ECHO		TP
A16	EBMUD LARKEY RESERVO	2201 LARKEY LN	HAZNET, HWTS		TP
A17	EBMUD WALNUT CREEK T	2201 LARKEY LN	AST		TP
B18	HEATHER WEISS	1015 ALFRED AVE.	RCRA NonGen / NLR	Lower	86, 0.016, East
B19	BIRDENE KEDDINGTON	1034 ALFRED AVENUE	RCRA NonGen / NLR	Lower	235, 0.045, East
B20	BIRDENE KEDDINGTON	1034 ALFRED AVE	RCRA NonGen / NLR	Lower	235, 0.045, East
21	LAURIE DELFOSSE	947 ALFRED AVENUE	RCRA NonGen / NLR	Lower	241, 0.046, ESE
22	CHRIS RIDENOUR	946 SAUSA DR	RCRA NonGen / NLR	Higher	633, 0.120, ESE
23	CARLOS & SIROUN GARC	137 ROSEMONT CT.	RCRA NonGen / NLR	Higher	667, 0.126, SSE
24	MICHELLE SU	980 LEROY LN	RCRA NonGen / NLR	Lower	720, 0.136, East
25	CHAD HARTMAN	71 ALEMAN CT.	RCRA NonGen / NLR	Lower	909, 0.172, NE
26	MARGERY HOWE	1334 SUMMIT ROAD	RCRA NonGen / NLR	Higher	1153, 0.218, SW
27	PETER BRUSH	140 HILLTOP CRESCENT	RCRA NonGen / NLR	Higher	1317, 0.249, SE
28	CITY OF WALNUT CREEK	470, 480, 490 LAWREN	ENVIROSTOR, VCP	Lower	4611, 0.873, East
29	WALNUT CREEK CITY OF	511 LAWRENCE	ENVIROSTOR, LUST, VCP, Cortese, HIST CORTESE,...	Lower	4942, 0.936, East
30	DIABLO PEST CONTROL	1457 SOS DRIVE	ENVIROSTOR, VCP	Lower	5103, 0.966, ENE
31	BROADWAY MUFFLER SER	2596 NORTH MAIN STRE	ENVIROSTOR, VCP, DEED, HAZNET, HWTS	Lower	5115, 0.969, ENE
32	XTRA OIL CO.	1980 MAIN, N.	Notify 65	Lower	5212, 0.987, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
EBMUD-WCTP 2201 LARKEY LN WALNUT CREEK, CA 94597	HAZNET GEPaid: CAL000137583 HWTS	N/A
EAST BAY MUNICIPALE U 2201 LARKEY LANE WALNUT CREEK, CA 94596	CERS HAZ WASTE HIST UST CERS TANKS HAZNET GEPaid: CAC001004984 CONTRA COSTA CO. SITE LIST Facility Id: FA0032004 CERS HWTS	N/A
EBMUD WALNUT CREEK W 2201 LARKEY LANE WALNUT CREEK, CA 94596	SWEEPS UST Status: A Tank Status: A Comp Number: 27854 CA FID UST Facility Id: 07001311 Status: A CHMIRS OES Incident Number: 2-0502 OES Incident Number: 7-4838 ENF Status: Historical Status: Historical Facility Id: 271631 CIWQS	N/A
EBMUD - WALNUT CREEK 2201 LARKEY LN WALNUT CREEK, CA 94596	HWTS	N/A
SWINERTON BUILDERS I 2201 LARKEY LN WALNUT CREEK, CA 94597	HAZNET GEPaid: CAC002603289 HWTS	N/A
WALNUT CREEK WATER T 2201 LARKEY LANE WALNUT CREEK, CA 94596	RCRA-SQG EPA ID:: CAL000127583	CAL000127583
DYK INC 2201 LARKEY LN WALNUT CREEK, CA 94597	HWTS	N/A

EXECUTIVE SUMMARY

EAST BAY MUNICIPAL U 2201 LARKEY LN WALNUT CREEK, CA 94597	RCRA NonGen / NLR	CAC003061127
2201 LARKEY LN. 2201 LARKEY LN. WALNUT CREEK, CA 94607	CHMIRS OES Incident Number: 2-1705	N/A
EBMUD WALNUT CREEK W 2201 LARKEY WALNUT CREEK, CA 94596	CERS	N/A
EASTBAY MUNICIPAL UT 2201 LARKEY LN WALNUT CREEK, CA 94596	HAZNET GEPaid: CAC002470063 HWTS	N/A
WALNUT CREEK PUMPING 2201 LARKEY LN WALNUT CREEK, CA 94596	HIST UST Facility Id: 00000034535 WDS Facility Status: A Facility Id: 2 071071001	N/A
EAST BAY MUNICIPAL U 2201 LARKEY LANE WALNUT CREEK, CA 94596	EMI Facility Id: 13724 HWTS	N/A
WALNUT CREEK WATER T 2201 LARKEY LN WALNUT CREEK, CA 94597	CIWQS	N/A
WALNUT CREEK FILTER 2201 LARKEY LANE WALNUT CREEK, CA 94596	RCRA-VSQG EPA ID:: CAL000137583 ICIS FRS ID:: 110055698400 FINDS Registry ID:: 110055698400 ECHO Registry ID: 110055698400	CAL000137583
EBMUD LARKEY RESERVO 2201 LARKEY LN WALNUT CREEK, CA 94596	HAZNET GEPaid: CAP600928952 HWTS	N/A
EBMUD WALNUT CREEK T 2201 LARKEY LN WALNUT CREEK, CA	AST Database: AST, Date of Government Version: 07/06/2016	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE..... State Response Sites

EXECUTIVE SUMMARY

Lists of state and tribal landfills and solid waste disposal facilities

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

Lists of state and tribal leaking storage tanks

LUST..... Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC..... Statewide SLIC Cases

Lists of state and tribal registered storage tanks

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

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register
PFAS..... PFAS Contamination Site Location Listing
AQUEOUS FOAM..... Former Fire Training Facility Assessments Listing

Local Land Records

LIENS..... Environmental Liens Listing

EXECUTIVE SUMMARY

LIENS 2..... CERCLA Lien Information
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines
UXO..... Unexploded Ordnance Sites
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
FUELS PROGRAM..... EPA Fuels Program Registered Listing
CA BOND EXP. PLAN..... Bond Expenditure Plan
Cortese..... "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings..... CUPA Resources List
DRYCLEANERS..... Cleaner Facilities
Financial Assurance..... Financial Assurance Information Listing
ICE..... ICE
HIST CORTESE..... Hazardous Waste & Substance Site List
HWP..... EnviroStor Permitted Facilities Listing
HWT..... Registered Hazardous Waste Transporter Database

EXECUTIVE SUMMARY

MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of state- and tribal hazardous waste facilities

EXECUTIVE SUMMARY

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/25/2021 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY OF WALNUT CREEK Facility Id: 60001969 Status: Active	470, 480, 490 LAWREN	E 1/2 - 1 (0.873 mi.)	28	191
WALNUT CREEK CITY OF Facility Id: 60002161 Status: Inactive - Needs Evaluation	511 LAWRENCE	E 1/2 - 1 (0.936 mi.)	29	198
DIABLO PEST CONTROL Facility Id: 60000708 Status: Certified	1457 SOS DRIVE	ENE 1/2 - 1 (0.966 mi.)	30	204
BROADWAY MUFFLER SER Facility Id: 60002611 Status: Active	2596 NORTH MAIN STRE	ENE 1/2 - 1 (0.969 mi.)	31	212

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that there are 10 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHRIS RIDENOUR EPA ID:: CAC002970252	946 SAUSA DR	ESE 0 - 1/8 (0.120 mi.)	22	176
CARLOS & SIROUN GARC EPA ID:: CAC003017460	137 ROSEMONT CT.	SSE 1/8 - 1/4 (0.126 mi.)	23	179
MARGERY HOWE EPA ID:: CAC002997463	1334 SUMMIT ROAD	SW 1/8 - 1/4 (0.218 mi.)	26	186
PETER BRUSH	140 HILLTOP CRESCENT	SE 1/8 - 1/4 (0.249 mi.)	27	189
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HEATHER WEISS	1015 ALFRED AVE.	E 0 - 1/8 (0.016 mi.)	B18	164

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BIRDENE KEDDINGTON EPA ID:: CAC002992886	1034 ALFRED AVENUE	E 0 - 1/8 (0.045 mi.)	B19	169
BIRDENE KEDDINGTON EPA ID:: CAC002982851	1034 ALFRED AVE	E 0 - 1/8 (0.045 mi.)	B20	171
LAURIE DELFOSSE EPA ID:: CAC003013328	947 ALFRED AVENUE	ESE 0 - 1/8 (0.046 mi.)	21	174
MICHELLE SU EPA ID:: CAC003047649	980 LEROY LN	E 1/8 - 1/4 (0.136 mi.)	24	181
CHAD HARTMAN	71 ALEMAN CT.	NE 1/8 - 1/4 (0.172 mi.)	25	184

Notify 65: 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.

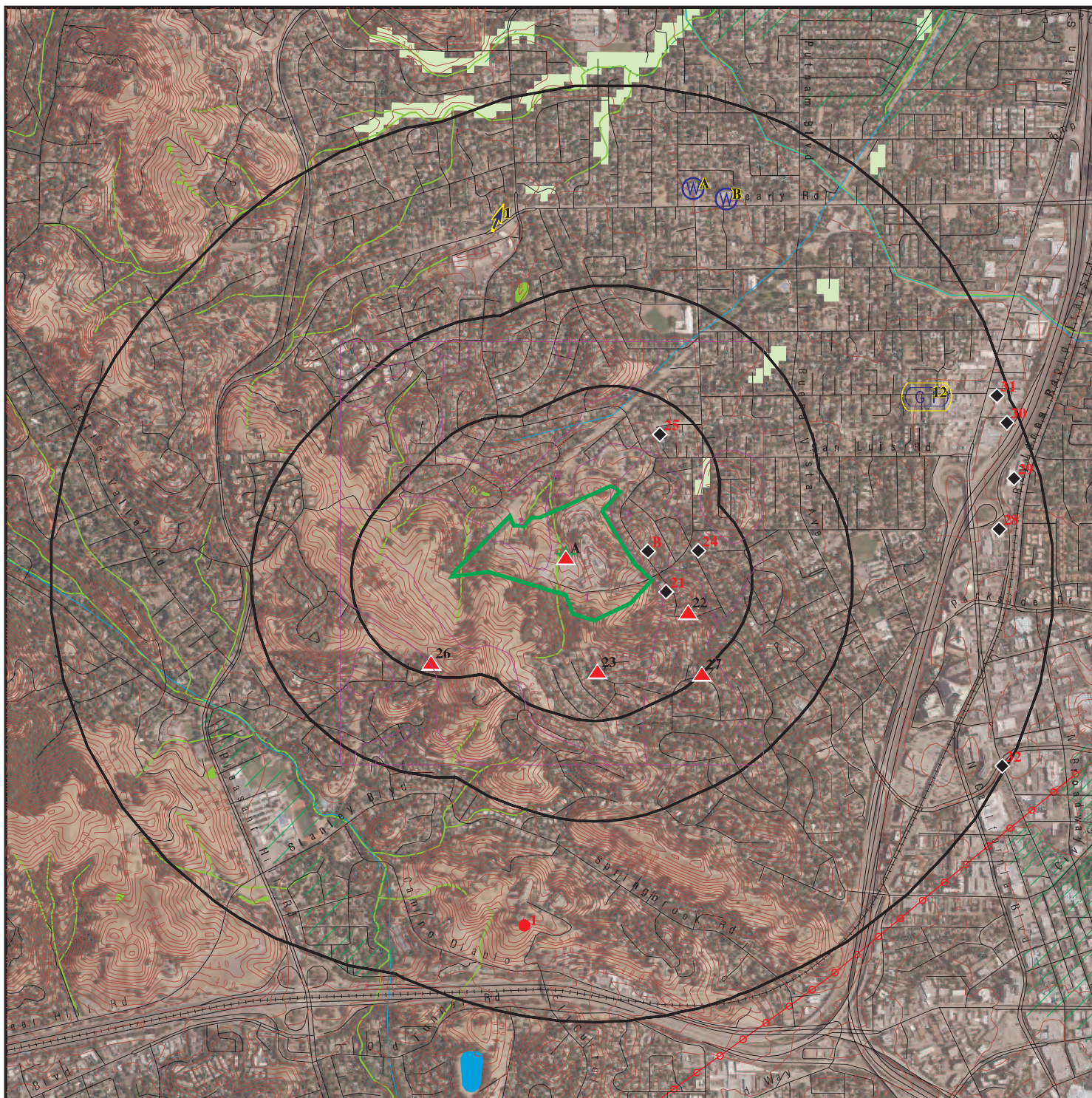
A review of the Notify 65 list, as provided by EDR, and dated 03/12/2021 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
XTRA OIL CO.	1980 MAIN, N.	ESE 1/2 - 1 (0.987 mi.)	32	222

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6849864.2S



Target Property

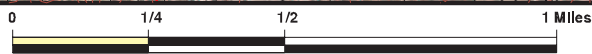
Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

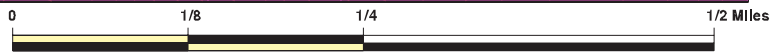
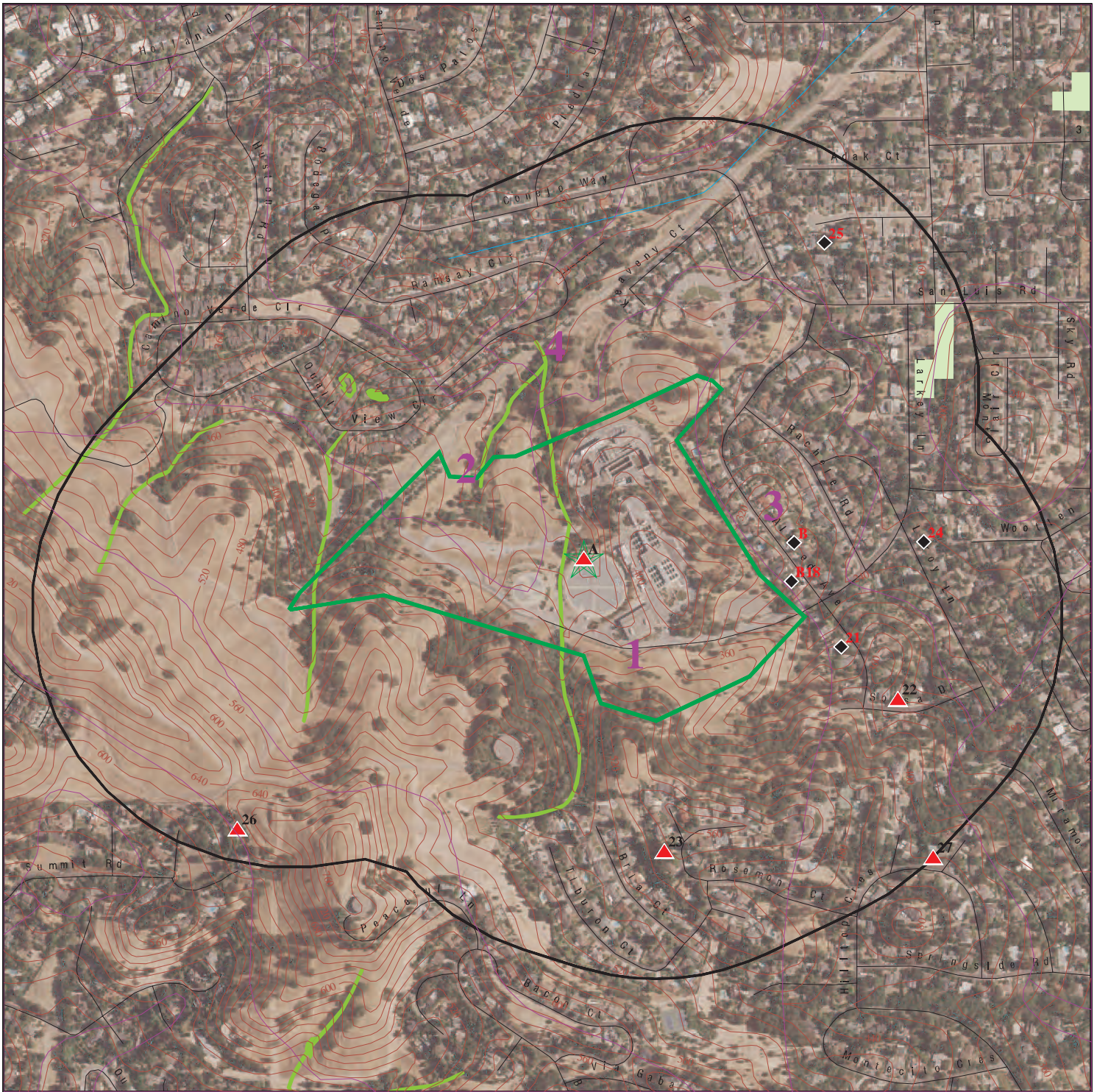









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.







SITE NAME: EBMUD Walnut Creek Water Treatment Plant
 ADDRESS: 2201 Larkey Lane
 Walnut Creek CA 94597
 LAT/LONG: 37.913617 / 122.084141

CLIENT: Woodard & Curran
 CONTACT: Kevin Almestad
 INQUIRY #: 6849864.2s
 DATE: February 08, 2022 8:49 am

DETAIL MAP - 6849864.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern



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

SITE NAME: EBMUD Walnut Creek Water Treatment Plant
 ADDRESS: 2201 Larkey Lane
 Walnut Creek CA 94597
 LAT/LONG: 37.913617 / 122.084141

CLIENT: Woodard & Curran
 CONTACT: Kevin Almestad
 INQUIRY #: 6849864.2s
 DATE: February 08, 2022 8:50 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250	1	0	0	NR	NR	NR	1
RCRA-VSQG	0.250	1	0	0	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
ENVIROSTOR	1.000		0	0	0	4	NR	4
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA FID UST	0.250	1	0	0	NR	NR	NR	1
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP	2	NR	NR	NR	NR	NR	2
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	5	5	NR	NR	NR	11
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP	1	NR	NR	NR	NR	NR	1
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
ECHO	TP	1	NR	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP	1	NR	NR	NR	NR	NR	1
ENF	TP	1	NR	NR	NR	NR	NR	1
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	5	NR	NR	NR	NR	NR	5
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
CONTRA COSTA CO. SITE	0.250	1	0	0	NR	NR	NR	1
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP	1	NR	NR	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP	2	NR	NR	NR	NR	NR	2
CERS	TP	2	NR	NR	NR	NR	NR	2
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	TP	8	NR	NR	NR	NR	NR	8

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	TP		NR	NR	NR	NR	NR	0
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		36	5	5	0	5	0	51

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A1 **EBMUD-WCTP**
Target **2201 LARKEY LN**
Property **WALNUT CREEK, CA 94597**

HAZNET **S113075051**
HWTS **N/A**

Site 1 of 17 in cluster A

Actual:
304 ft.

HAZNET:	
Name:	EBMUD-WCTP
Address:	2201 LARKEY LN
Address 2:	Not reported
City,State,Zip:	WALNUT CREEK, CA 946074246
Contact:	DAVID BEHNKEN
Telephone:	5102870327
Mailing Name:	Not reported
Mailing Address:	375 11TH ST. MS 704
Year:	2019
Gepaid:	CAL000137583
TSD EPA ID:	CAD028409019
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00000
Year:	2019
Gepaid:	CAL000137583
TSD EPA ID:	CAD028409019
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.07500
Year:	2019
Gepaid:	CAL000137583
TSD EPA ID:	CAD028409019
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.26000
Year:	2019
Gepaid:	CAL000137583
TSD EPA ID:	CAD028409019
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.16500
Year:	2019
Gepaid:	CAL000137583
TSD EPA ID:	CAD028409019
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22500
Year:	2019
Gepaid:	CAL000137583
TSD EPA ID:	CAD008488025
CA Waste Code:	123 - Unspecified alkaline solution

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 1.04250
Year: 2018
Gepaid: CAL000137583
TSD EPA ID: CAD028409019
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.13150
Year: 2018
Gepaid: CAL000137583
TSD EPA ID: CAD028409019
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.31500
Year: 2018
Gepaid: CAL000137583
TSD EPA ID: CAD028409019
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.20850
Year: 2018
Gepaid: CAL000137583
TSD EPA ID: CAD028409019
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.08000

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

Additional Info:

Year: 2014
Gen EPA ID: CAL000137583
Shipment Date: 20141210
Creation Date: 3/6/2015 22:15:05
Receipt Date: 20141212
Manifest ID: 012317775JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANS INC
TSD EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSD EPA Alt EPA ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140917
Creation Date: 12/13/2014 22:15:07
Receipt Date: 20140922
Manifest ID: 012317528JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANSPORTATION
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140917
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 012317528JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANSPORTATION
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5)
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.834
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140917
Creation Date:	12/13/2014 22:15:07
Receipt Date:	20140922
Manifest ID:	012317528JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000165274
Trans 2 Name:	INTRINSIC TRANSPORTATION
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140917
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	012317528JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000165274
Trans 2 Name:	INTRINSIC TRANSPORTATION
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140917
Creation Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Receipt Date:	Not reported
Manifest ID:	012317528JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000165274
Trans 2 Name:	INTRINSIC TRANSPORTATION
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140917
Creation Date:	12/13/2014 22:15:07
Receipt Date:	20140922
Manifest ID:	012317528JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000165274
Trans 2 Name:	INTRINSIC TRANSPORTATION
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140917
Creation Date:	12/13/2014 22:15:07
Receipt Date:	20140922
Manifest ID:	012317528JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000165274
Trans 2 Name:	INTRINSIC TRANSPORTATION
TSDF EPA ID:	CAD028409019

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140625
Creation Date: 9/8/2014 22:15:16
Receipt Date: 20140630
Manifest ID: 012317020JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANS INC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.2085
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140625
Creation Date: 9/8/2014 22:15:16
Receipt Date: 20140630
Manifest ID: 012317020JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANS INC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2000
Gen EPA ID: CAL000137583

Shipment Date: 20001205
Creation Date: 3/5/2001 0:00:00
Receipt Date: 20001215
Manifest ID: 99630378
Trans EPA ID: CAD982030173
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: CAT000646117
TSDf Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 1.25
Waste Quantity: 2500
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001108
Creation Date: 1/9/2001 0:00:00
Receipt Date: 20001116
Manifest ID: 99630310
Trans EPA ID: CAD982030173
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD097030993
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 2.7105
Waste Quantity: 650
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001010
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001114
Manifest ID:	99630157
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000712
Creation Date:	10/30/2000 0:00:00
Receipt Date:	20000905
Manifest ID:	99706424
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.171
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000712
Creation Date:	10/30/2000 0:00:00
Receipt Date:	20000911
Manifest ID:	99706425
Trans EPA ID:	CAD982030173

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0099
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000413
Creation Date:	6/13/2000 0:00:00
Receipt Date:	20000420
Manifest ID:	99552793
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000413
Creation Date:	6/13/2000 0:00:00
Receipt Date:	20000420
Manifest ID:	99552793
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000120
Creation Date:	5/3/2000 0:00:00
Receipt Date:	20000216
Manifest ID:	99552830
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000120
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99552830
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Shipment Date: 20000120
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 99552830
Trans EPA ID: CAD982030173
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2013
Gen EPA ID: CAL000137583

Shipment Date: 20131017
Creation Date: 12/4/2013 22:15:18
Receipt Date: 20131024
Manifest ID: 010957342JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANSPORTATION
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.19
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131017
Creation Date: 12/4/2013 22:15:18
Receipt Date: 20131024
Manifest ID: 010957342JJK

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANSPORTATION
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131017
Creation Date: 12/4/2013 22:15:18
Receipt Date: 20131024
Manifest ID: 010957342JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANSPORTATION
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130724
Creation Date: 12/20/2013 22:15:07
Receipt Date: 20130820
Manifest ID: 008992190JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982411993
Trans 2 Name: AERC COM INC
TSDf EPA ID: AZD983476680
Trans Name: LIGHTING RESOURCES LLC
TSDf Alt EPA ID: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

TSDF Alt Name: Not reported
Waste Code Description: 261 - Not reported
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.02535
Waste Quantity: 23
Quantity Unit: K
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130724
Creation Date: 9/16/2013 22:15:07
Receipt Date: 20130729
Manifest ID: 010957130JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D006
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130724
Creation Date: 9/16/2013 22:15:07
Receipt Date: 20130729
Manifest ID: 010957130JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130724
Creation Date:	9/16/2013 22:15:07
Receipt Date:	20130729
Manifest ID:	010957130JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130724
Creation Date:	9/16/2013 22:15:07
Receipt Date:	20130729
Manifest ID:	010957130JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130502

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Creation Date: 7/15/2013 22:15:07
Receipt Date: 20130514
Manifest ID: 009812869JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC.
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANS, INC.
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON, INC.
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130502
Creation Date: 7/15/2013 22:15:07
Receipt Date: 20130514
Manifest ID: 009812869JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC.
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANS, INC.
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON, INC.
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAL000137583

Shipment Date: 20071022
Creation Date: 1/8/2008 18:31:04
Receipt Date: 20071024
Manifest ID: 002083559JJK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 1.7
Waste Quantity: 500
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071003
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 002078443JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071003
Creation Date: 2/4/2008 18:30:32
Receipt Date: 20071004
Manifest ID: 002078443JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.042
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071003
Creation Date: 2/4/2008 18:30:32
Receipt Date: 20071004
Manifest ID: 002078443JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071003
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 002078443JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0125
Waste Quantity: 25

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071003
Creation Date:	2/4/2008 18:30:32
Receipt Date:	20071004
Manifest ID:	002078443JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071003
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002078443JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071003

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002078443JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071003
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002078443JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071003
Creation Date:	2/4/2008 18:30:32
Receipt Date:	20071004
Manifest ID:	002078443JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 123 - Unspecified alkaline solution
RCRA Code: Not reported
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)

Quantity Tons: 0.10425
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2004
Gen EPA ID: CAL000137583

Shipment Date: 20041014
Creation Date: 1/11/2005 18:30:51
Receipt Date: 20041021
Manifest ID: 23640313
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDF Alt EPA ID: CAD028409019
TSDF Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5)
RCRA Code: D002
Meth Code: H01 - Transfer Station
Quantity Tons: 1.3761
Waste Quantity: 330
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20041014
Creation Date: 1/11/2005 18:30:51
Receipt Date: 20041021
Manifest ID: 23640313
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDF Alt EPA ID: CAD028409019
TSDF Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: NA
Meth Code: H01 - Transfer Station
Quantity Tons: 1.089
Waste Quantity: 330
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20041006
Creation Date: 1/20/2005 18:30:18
Receipt Date: 20041014
Manifest ID: 23640286
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20041006
Creation Date: 1/20/2005 18:30:18
Receipt Date: 20041014
Manifest ID: 23640286
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: NA
Meth Code: H01 - Transfer Station
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041006
Creation Date:	1/20/2005 18:30:18
Receipt Date:	20041014
Manifest ID:	23640286
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5)
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.00834
Waste Quantity:	2
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041006
Creation Date:	1/20/2005 18:30:18
Receipt Date:	20041014
Manifest ID:	23640286
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	NA
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041005
Creation Date:	1/6/2005 18:32:03
Receipt Date:	20041005
Manifest ID:	23640293
Trans EPA ID:	AZT050010008
Trans Name:	CHEMICAL TRANSPORTATION INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: ROMIC CHEMICAL CORPORATION
TSDf Alt EPA ID: CAD009452657
TSDf Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 6.255
Waste Quantity: 1500
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040921
Creation Date: 12/31/2004 18:30:54
Receipt Date: 20041005
Manifest ID: 23402049
Trans EPA ID: CAL000100467
Trans Name: BAYVIEW ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD983668583
Trans 2 Name: CONSOLIDATED WASTE INC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: NA
Meth Code: H01 - Transfer Station
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040708
Creation Date: 11/5/2004 18:32:00
Receipt Date: 20040715
Manifest ID: 23640060
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: NA
Meth Code: H01 - Transfer Station

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040708
Creation Date:	11/5/2004 18:32:00
Receipt Date:	20040715
Manifest ID:	23640060
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2006
Gen EPA ID:	CAL000137583
Shipment Date:	20061024
Creation Date:	3/30/2007 13:32:20
Receipt Date:	20061031
Manifest ID:	000658013FLE
Trans EPA ID:	CAD981694722
Trans Name:	TTS ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ORD980980775
Trans Name:	INDUSTRIAL OIL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Quantity Tons:	1.064
Waste Quantity:	280
Quantity Unit:	G
Additional Code 1:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061006
Creation Date:	4/19/2007 18:30:35
Receipt Date:	20061012
Manifest ID:	000238830JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061006
Creation Date:	4/19/2007 18:30:35
Receipt Date:	20061012
Manifest ID:	000238830JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061006
Creation Date:	4/19/2007 18:30:35

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Receipt Date: 20061012
Manifest ID: 000238830JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20061004
Creation Date: 4/19/2007 18:30:35
Receipt Date: 20061012
Manifest ID: 000238807JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.006
Waste Quantity: 12
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20061004
Creation Date: 4/19/2007 18:30:35
Receipt Date: 20061012
Manifest ID: 000238807JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.133
Waste Quantity: 35
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060628
Creation Date: 9/13/2006 18:30:23
Receipt Date: 20060706
Manifest ID: 25099503
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY OVERTON INC
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060628
Creation Date: 9/13/2006 18:30:23
Receipt Date: 20060706
Manifest ID: 25099503
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY OVERTON INC
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.19
Waste Quantity: 50
Quantity Unit: G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060628
Creation Date:	9/13/2006 18:30:23
Receipt Date:	20060706
Manifest ID:	25099503
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY OVERTON INC
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060627
Creation Date:	9/8/2006 18:33:59
Receipt Date:	20060711
Manifest ID:	24797914
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAL000203444
Trans 2 Name:	RUST AND SONS TRUCKING
TSDf EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDf Alt EPA ID:	CAD008252405
TSDf Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.748
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2005
Gen EPA ID:	CAL000137583

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Shipment Date: 20051102
Creation Date: 1/2/2007 18:30:20
Receipt Date: 20051110
Manifest ID: 24763440
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20051102
Creation Date: 1/2/2007 18:30:20
Receipt Date: 20051110
Manifest ID: 24763440
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5
RCRA Code: D002
Meth Code: H01 - Transfer Station
Quantity Tons: 1.0008
Waste Quantity: 240
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050707
Creation Date: 3/10/2006 10:49:15
Receipt Date: 20050714
Manifest ID: 24566930
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.0075
Waste Quantity: 15
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050707
Creation Date: 3/10/2006 10:49:15
Receipt Date: 20050714
Manifest ID: 24566930
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050707
Creation Date: 3/10/2006 10:49:15
Receipt Date: 20050714
Manifest ID: 24566930
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050707
Creation Date:	3/10/2006 10:49:15
Receipt Date:	20050714
Manifest ID:	24566930
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050608
Creation Date:	9/16/2005 18:31:41
Receipt Date:	20050616
Manifest ID:	24566841
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050527
Creation Date:	9/13/2005 18:30:54
Receipt Date:	20050602

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Manifest ID: 24566829
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5)
RCRA Code: D002
Meth Code: H01 - Transfer Station
Quantity Tons: 1.4595
Waste Quantity: 350
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050406
Creation Date: 7/28/2005 18:30:54
Receipt Date: 20050421
Manifest ID: 24140139
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: NA
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0075
Waste Quantity: 15
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050406
Creation Date: 7/28/2005 18:30:54
Receipt Date: 20050421
Manifest ID: 24140139
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5)
RCRA Code: D002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0075
Waste Quantity: 15
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2011
Gen EPA ID: CAL000137583

Shipment Date: 20111214
Creation Date: 3/16/2012 20:30:29
Receipt Date: 20111227
Manifest ID: 008992279JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000169565
Trans 2 Name: PAASCHE TRANSPORT
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 512 - Other empty containers 30 gallons or more
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111214
Creation Date: 3/16/2012 20:30:29
Receipt Date: 20111227
Manifest ID: 008992279JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000169565
Trans 2 Name: PAASCHE TRANSPORT
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111214
Creation Date:	3/16/2012 20:30:29
Receipt Date:	20111227
Manifest ID:	008992279JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000169565
Trans 2 Name:	PAASCHE TRANSPORT
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111214
Creation Date:	3/16/2012 20:30:29
Receipt Date:	20111227
Manifest ID:	008992279JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000169565
Trans 2 Name:	PAASCHE TRANSPORT
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 5:	Not reported
Shipment Date:	20110921
Creation Date:	12/9/2011 18:30:13
Receipt Date:	20110926
Manifest ID:	007210701JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000169565
Trans 2 Name:	PAASCHE TRANSPORT
TSDf EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT - KHF
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1102
Waste Quantity:	100
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110921
Creation Date:	7/19/2012 22:00:14
Receipt Date:	20110927
Manifest ID:	006627536JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000169565
Trans 2 Name:	PAASCHE TRANSPORT
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110921
Creation Date:	7/19/2012 22:00:14
Receipt Date:	20110927
Manifest ID:	006627536JJK
Trans EPA ID:	CAR000030114

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000169565
Trans 2 Name:	PAASCHE TRANSPORT
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110921
Creation Date:	7/19/2012 22:00:14
Receipt Date:	20110927
Manifest ID:	006627536JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000169565
Trans 2 Name:	PAASCHE TRANSPORT
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110921
Creation Date:	7/19/2012 22:00:14
Receipt Date:	20110927
Manifest ID:	006627536JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000169565
Trans 2 Name:	PAASCHE TRANSPORT
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110921
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006627536JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000169565
Trans 2 Name:	PAASCHE TRANSPORT
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	1997
Gen EPA ID:	CAL000137583
Shipment Date:	19970923
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970930
Manifest ID:	96618417
Trans EPA ID:	CAD981692809
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Quantity Tons:	0.017
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970923
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970930
Manifest ID:	96618417
Trans EPA ID:	CAD981692809
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970923
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970930
Manifest ID:	96618417
Trans EPA ID:	CAD981692809
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Shipment Date:	19970815
Creation Date:	12/11/1997 0:00:00
Receipt Date:	19970818
Manifest ID:	96618472
Trans EPA ID:	CAD981692809
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D004
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0034
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970815
Creation Date:	12/11/1997 0:00:00
Receipt Date:	19970818
Manifest ID:	96618472
Trans EPA ID:	CAD981692809
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970815
Creation Date:	12/11/1997 0:00:00
Receipt Date:	19970818
Manifest ID:	96618472
Trans EPA ID:	CAD981692809
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.0042
Waste Quantity: 1
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970211
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19970220
Manifest ID: 96116610
Trans EPA ID: CA0000061275
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD000088252
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: H01 - Transfer Station
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1995
Gen EPA ID: CAL000137583

Shipment Date: 19950111
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19950113
Manifest ID: 95157300
Trans EPA ID: CAD982519209
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NVT330010000
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.65
Waste Quantity: 1300
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2015
Gen EPA ID: CAL000137583

Shipment Date: 20151119
Creation Date: 2/8/2016 22:17:27
Receipt Date: 20151123
Manifest ID: 014378690JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 1.47
Waste Quantity: 350
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151112
Creation Date: 9/21/2016 18:30:44
Receipt Date: 20151230
Manifest ID: 008992191JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982411993
Trans 2 Name: AERC COM INC
TSDf EPA ID: AZD983476680
Trans Name: LIGHTING RESOURCES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 261 - Not reported
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.05179
Waste Quantity: 47
Quantity Unit: K

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151112
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	014380342JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151112
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151123
Manifest ID:	014380342JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151112
Creation Date:	3/2/2016 22:15:14

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Receipt Date: 20151123
Manifest ID: 014380342JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151112
Creation Date: 3/2/2016 22:15:14
Receipt Date: 20151123
Manifest ID: 014380342JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: D009
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151112
Creation Date: 3/2/2016 22:15:14
Receipt Date: 20151123
Manifest ID: 014380342JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151027
Creation Date: 1/11/2016 22:16:27
Receipt Date: 20151029
Manifest ID: 014380481JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANSPORTATION
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 1.05
Waste Quantity: 250
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150819
Creation Date: 11/5/2015 22:15:17
Receipt Date: 20150824
Manifest ID: 014380264JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: D009
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150819
Creation Date:	2/5/2016 22:15:10
Receipt Date:	20150915
Manifest ID:	012319109JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD982411993
Trans 2 Name:	AERC COM INC
TSDF EPA ID:	AZD983476680
Trans Name:	LIGHTING RESOURCES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.03086
Waste Quantity:	28
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	1999
Gen EPA ID:	CAL000137583
Shipment Date:	19991018
Creation Date:	12/17/1999 0:00:00
Receipt Date:	19991028
Manifest ID:	99552274
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991018
Creation Date:	12/17/1999 0:00:00
Receipt Date:	19991028
Manifest ID:	99552274
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991018
Creation Date:	12/17/1999 0:00:00
Receipt Date:	19991028
Manifest ID:	99552274
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.055
Waste Quantity:	110
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990715
Creation Date:	9/21/1999 0:00:00
Receipt Date:	19990722
Manifest ID:	99174168
Trans EPA ID:	CAD982030173

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D002
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.0155
Waste Quantity: 31
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2016
Gen EPA ID: CAL000137583

Shipment Date: 20151119
Creation Date: 2/8/2016 22:17:27
Receipt Date: 20151123
Manifest ID: 014378690JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 1.47
Waste Quantity: 350
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151112
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 014380342JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151112
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151123
Manifest ID:	014380342JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151112
Creation Date:	9/21/2016 18:30:44
Receipt Date:	20151230
Manifest ID:	008992191JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAD982411993
Trans 2 Name:	AERC COM INC
TSDf EPA ID:	AZD983476680
Trans Name:	LIGHTING RESOURCES INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.05179
Waste Quantity:	47

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151112
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151123
Manifest ID:	014380342JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151112
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151123
Manifest ID:	014380342JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Shipment Date:	20151112
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151123
Manifest ID:	014380342JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151027
Creation Date:	1/11/2016 22:16:27
Receipt Date:	20151029
Manifest ID:	014380481JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000165274
Trans 2 Name:	INTRINSIC TRANSPORTATION
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.05
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150819
Creation Date:	2/5/2016 22:15:10
Receipt Date:	20150915
Manifest ID:	012319109JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD982411993

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans 2 Name: AERC COM INC
TSDf EPA ID: AZD983476680
Trans Name: LIGHTING RESOURCES LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 261 - Not reported
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.03086
Waste Quantity: 28
Quantity Unit: K
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150819
Creation Date: 11/5/2015 22:15:17
Receipt Date: 20150824
Manifest ID: 014380264JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1668
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2003
Gen EPA ID: CAL000137583

Shipment Date: 20031008
Creation Date: 8/20/2004 8:27:39
Receipt Date: 20031016
Manifest ID: 22735914
Trans EPA ID: CAR000030114
Trans Name: FOSS ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: CAD028409019

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031008
Creation Date:	8/20/2004 8:27:39
Receipt Date:	20031016
Manifest ID:	22735914
Trans EPA ID:	CAR000030114
Trans Name:	FOSS ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030709
Creation Date:	2/1/2005 18:30:21
Receipt Date:	20030725
Manifest ID:	22543784
Trans EPA ID:	CAR000030114
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

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

Shipment Date: 20030709
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 22543784
Trans EPA ID: CAR000030114
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030709
Creation Date: 2/1/2005 18:30:21
Receipt Date: 20030725
Manifest ID: 22543784
Trans EPA ID: CAR000030114
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0075
Waste Quantity: 15
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030709
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 22543784
Trans EPA ID: CAR000030114

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030709
Creation Date:	2/1/2005 18:30:21
Receipt Date:	20030725
Manifest ID:	22543784
Trans EPA ID:	CAR000030114
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030709
Creation Date:	2/1/2005 18:30:21
Receipt Date:	20030725
Manifest ID:	22543784
Trans EPA ID:	CAR000030114
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Meth Code: H01 - Transfer Station
Quantity Tons: 0.0075
Waste Quantity: 15
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030613
Creation Date: 7/22/2004 7:51:02
Receipt Date: 20030623
Manifest ID: 22351443
Trans EPA ID: CAR000037283
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981382732
Trans Name: Not reported
TSDf Alt EPA ID: CAD981382732
TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030409
Creation Date: 6/23/2004 9:59:25
Receipt Date: 20030425
Manifest ID: 22069182
Trans EPA ID: CAR000030114
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Info:

Year:	1998
Gen EPA ID:	CAL000137583
Shipment Date:	19980513
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980513
Manifest ID:	97340347
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD059494310
TSDf Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	10.425
Waste Quantity:	2500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980512
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980515
Manifest ID:	97340348
Trans EPA ID:	CAD982468183
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980512
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980515
Manifest ID:	97340348
Trans EPA ID:	CAD982468183

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name: Not reported
Trans 2 EPA ID: CAD982524480
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 2.5
Waste Quantity: 5000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980116
Creation Date: 3/31/1998 0:00:00
Receipt Date: 19980119
Manifest ID: 96618989
Trans EPA ID: CAD981692809
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: CAT000646117
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.095
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2017
Gen EPA ID: CAL000137583

Shipment Date: 20171206
Creation Date: 8/10/2018 18:30:24
Receipt Date: 20171212
Manifest ID: 017944920JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000183512
Trans 2 Name: LD TRANSPORTATION LLC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171206
Creation Date: 8/10/2018 18:30:24
Receipt Date: 20171212
Manifest ID: 017944920JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000183512
Trans 2 Name: LD TRANSPORTATION LLC
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170913
Creation Date: 5/30/2018 18:32:48
Receipt Date: 20170926
Manifest ID: 017944697JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000183152
Trans 2 Name: LD TRANSPORTATION LLC
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170913
Creation Date:	5/30/2018 18:32:48
Receipt Date:	20170926
Manifest ID:	017944697JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170913
Creation Date:	5/30/2018 18:32:48
Receipt Date:	20170926
Manifest ID:	017944697JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Shipment Date:	20170913
Creation Date:	9/29/2018 18:30:10
Receipt Date:	20171003
Manifest ID:	015272712JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC
Trans 2 EPA ID:	CAD982411993
Trans 2 Name:	AERC COM INC
TSDf EPA ID:	AZ0000337360
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01763
Waste Quantity:	16
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170621
Creation Date:	7/10/2018 18:30:15
Receipt Date:	20170630
Manifest ID:	015272725JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAD028409019
Trans 2 Name:	CROSBY & OVERTON
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170523
Creation Date:	5/20/2018 18:32:00
Receipt Date:	20170531
Manifest ID:	015272883JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000183152

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans 2 Name: LD TRANSPORTATION LLC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.152
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170523
Creation Date: 5/20/2018 18:32:00
Receipt Date: 20170531
Manifest ID: 015272883JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000183152
Trans 2 Name: LD TRANSPORTATION LLC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170508
Creation Date: 5/17/2018 18:31:33
Receipt Date: 20170523
Manifest ID: 015272933JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000183152
Trans 2 Name: LD TRANSPORTATION LLC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 123 - Unspecified alkaline solution
RCRA Code: D002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 2.502
Waste Quantity: 600
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAL000137583

Shipment Date: 20121115
Creation Date: 1/13/2013 22:15:14
Receipt Date: 20121120
Manifest ID: 009811280JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121115
Creation Date: 1/13/2013 22:15:14
Receipt Date: 20121120
Manifest ID: 009811280JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121115
Creation Date:	1/13/2013 22:15:14
Receipt Date:	20121120
Manifest ID:	009811280JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121115
Creation Date:	1/13/2013 22:15:14
Receipt Date:	20121120
Manifest ID:	009811280JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Shipment Date:	20120822
Creation Date:	10/10/2012 22:15:39
Receipt Date:	20120824
Manifest ID:	009811141JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120531
Creation Date:	8/7/2012 22:15:19
Receipt Date:	20120604
Manifest ID:	009242237JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000168799
Trans 2 Name:	SANTA FE TRUCKING
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120531
Creation Date:	8/7/2012 22:15:19
Receipt Date:	20120604
Manifest ID:	009242237JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000168799

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans 2 Name: SANTA FE TRUCKING
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.152
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120531
Creation Date: 8/7/2012 22:15:19
Receipt Date: 20120604
Manifest ID: 009242237JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000168799
Trans 2 Name: SANTA FE TRUCKING
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.004
Waste Quantity: 8
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120531
Creation Date: 8/7/2012 22:15:19
Receipt Date: 20120604
Manifest ID: 009242237JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000168799
Trans 2 Name: SANTA FE TRUCKING
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120531
Creation Date: 1/28/2014 22:15:08
Receipt Date: Not reported
Manifest ID: 007210700JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD983476680
Trans Name: LIGHTING RESOURCES
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 261 - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.06612
Waste Quantity: 60
Quantity Unit: K
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAL000137583

Shipment Date: 20091119
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 005391540JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.075
Waste Quantity: 150

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091119
Creation Date:	2/3/2010 18:30:55
Receipt Date:	20091123
Manifest ID:	005391540JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091119
Creation Date:	2/3/2010 18:30:55
Receipt Date:	20091123
Manifest ID:	005391540JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Shipment Date:	20091119
Creation Date:	2/3/2010 18:30:55
Receipt Date:	20091123
Manifest ID:	005391540JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005391540JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005391540JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090826
Creation Date:	10/13/2009 18:30:21
Receipt Date:	20090831
Manifest ID:	003502367JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	D004
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090826
Creation Date:	10/13/2009 18:30:21
Receipt Date:	20090831
Manifest ID:	003502367JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.42
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090826
Creation Date:	9/25/2009 18:30:28
Receipt Date:	20090831
Manifest ID:	003501845JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT-KHF
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.04408
Waste Quantity:	40
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090603
Creation Date:	7/14/2009 18:30:37
Receipt Date:	20090608
Manifest ID:	003502202JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

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

Additional Info:

Year: 2010
Gen EPA ID: CAL000137583

Shipment Date: 20101020
Creation Date: 12/30/2010 18:30:37
Receipt Date: 20101022
Manifest ID: 006626927JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANSPORTATION INC
TSDf EPA ID: CAT000646117
Trans Name: WASTE MANAGEMENT-KHF
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 261 - Not reported
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.1102
Waste Quantity: 100
Quantity Unit: K
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101020
Creation Date: 1/3/2011 18:30:46
Receipt Date: 20101021
Manifest ID: 006626609JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANSPORTATION INC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Shipment Date: 20101020
Creation Date: 1/3/2011 18:30:46
Receipt Date: 20101021
Manifest ID: 006626609JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANSPORTATION INC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101020
Creation Date: 1/3/2011 18:30:46
Receipt Date: 20101021
Manifest ID: 006626609JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274
Trans 2 Name: INTRINSIC TRANSPORTATION INC
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101020
Creation Date: 1/3/2011 18:30:46
Receipt Date: 20101021
Manifest ID: 006626609JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000165274

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans 2 Name:	INTRINSIC TRANSPORTATION INC
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101020
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006626609JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000165274
Trans 2 Name:	INTRINSIC TRANSPORTATION INC
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100728
Creation Date:	10/8/2010 18:30:26
Receipt Date:	20100730
Manifest ID:	006626806JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000175264
Trans 2 Name:	INTRINSIC TRANSP
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.19
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100728
Creation Date: 10/8/2010 18:30:26
Receipt Date: 20100730
Manifest ID: 006626806JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000175264
Trans 2 Name: INTRINSIC TRANSP
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100728
Creation Date: 10/8/2010 18:30:26
Receipt Date: 20100730
Manifest ID: 006626806JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000175264
Trans 2 Name: INTRINSIC TRANSP
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

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

Shipment Date: 20100728
Creation Date: 10/8/2010 18:30:26
Receipt Date: 20100730
Manifest ID: 006626806JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000175264
Trans 2 Name: INTRINSIC TRANSP
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2008
Gen EPA ID: CAL000137583

Shipment Date: 20081217
Creation Date: 3/31/2009 18:30:08
Receipt Date: 20081229
Manifest ID: 004243385JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.19
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Shipment Date:	20081217
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004243385JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081217
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004243385JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081217
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004243385JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081217
Creation Date:	3/31/2009 18:30:08
Receipt Date:	20081229
Manifest ID:	004243385JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081217
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004243385JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0375
Waste Quantity: 75
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081217
Creation Date: 3/31/2009 18:30:08
Receipt Date: 20081229
Manifest ID: 004243385JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.6
Waste Quantity: 1200
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081217
Creation Date: 3/31/2009 18:30:08
Receipt Date: 20081229
Manifest ID: 004243385JJK
Trans EPA ID: CAR000030114
Trans Name: NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: D008
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081217
Creation Date:	2/20/2009 18:30:31
Receipt Date:	20081223
Manifest ID:	003501846JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT- KHF
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080709
Creation Date:	8/29/2008 18:30:24
Receipt Date:	20080711
Manifest ID:	002472312JJK
Trans EPA ID:	CAD982523433
Trans Name:	DILLARD ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2001
Gen EPA ID:	CAL000137583

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Shipment Date: 20011011
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011023
Manifest ID: 21210858
Trans EPA ID: CAR000030114
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.0275
Waste Quantity: 55
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010710
Creation Date: 10/1/2001 0:00:00
Receipt Date: 20010724
Manifest ID: 20694797
Trans EPA ID: CAR000030114
Trans Name: Not reported
Trans 2 EPA ID: CAD981634116
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D018
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0075
Waste Quantity: 15
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010710
Creation Date: 10/1/2001 0:00:00
Receipt Date: 20010724
Manifest ID: 20694797
Trans EPA ID: CAR000030114
Trans Name: Not reported
Trans 2 EPA ID: CAD981634116
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010710
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010724
Manifest ID:	20694797
Trans EPA ID:	CAR000030114
Trans Name:	Not reported
Trans 2 EPA ID:	CAD981634116
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010413
Creation Date:	7/10/2001 0:00:00
Receipt Date:	20010510
Manifest ID:	20798266
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010206
Creation Date: 4/9/2001 0:00:00
Receipt Date: 20010212
Manifest ID: 20798099
Trans EPA ID: CAD982030173
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010206
Creation Date: 4/9/2001 0:00:00
Receipt Date: 20010212
Manifest ID: 20798099
Trans EPA ID: CAD982030173
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 4.158
Waste Quantity: 990
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CAL000137583

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 21521069
Trans EPA ID: CAR000030114
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 21872690
Trans EPA ID: CAR000030114
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021004
Creation Date: 2/21/2003 10:16:01
Receipt Date: 20021023
Manifest ID: 21872690
Trans EPA ID: CAR000030114
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021004
Creation Date: 2/21/2003 10:16:01
Receipt Date: 20021023
Manifest ID: 21872690
Trans EPA ID: CAR000030114
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 0.042
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021004
Creation Date: 2/21/2003 10:16:01
Receipt Date: 20021023
Manifest ID: 21872690
Trans EPA ID: CAR000030114
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021004
Creation Date:	2/21/2003 10:16:01
Receipt Date:	20021023
Manifest ID:	21872690
Trans EPA ID:	CAR000030114
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020807
Creation Date:	1/21/2003 18:30:55
Receipt Date:	20020807
Manifest ID:	21217836
Trans EPA ID:	CAD983652272
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAL000190080
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	2.5284
Waste Quantity:	3
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020709
Creation Date:	9/18/2002 18:31:39
Receipt Date:	20020723

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Manifest ID:	21872477
Trans EPA ID:	CAR000030114
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020410
Creation Date:	2/4/2003 14:36:32
Receipt Date:	20020425
Manifest ID:	21521069
Trans EPA ID:	CAR000030114
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020410
Creation Date:	2/4/2003 14:36:32
Receipt Date:	20020425
Manifest ID:	21521069
Trans EPA ID:	CAR000030114
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: EBMUD-WCTP
Address: 2201 LARKEY LN
Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 945972274
EPA ID: CAL000137583
Inactive Date: Not reported
Create Date: 12/02/1994
Last Act Date: 10/22/2020
Mailing Name: Not reported
Mailing Address: 375 11TH ST. MS 704
Mailing Address 2: Not reported
Mailing City,State,Zip: OAKLAND, CA 946074246
Owner Name: EAST BAY MUNICIPAL UTILITY DISTRICT
Owner Address: 375 11TH ST. MS 704
Owner Address 2: Not reported
Owner City,State,Zip: OAKLAND, CA 946074246
Contact Name: DAVID BEHNKEN
Contact Address: 375 11TH ST. MS 704
Contact Address 2: Not reported
City,State,Zip: OAKLAND, CA 94607

NAICS:

EPA ID: CAL000137583
Create Date: 2003-10-23 15:27:19.000
NAICS Code: 22131
NAICS Description: Water Supply and Irrigation Systems
Issued EPA ID Date: 1994-12-02 00:00:00
Inactive Date: Not reported
Facility Name: EBMUD-WCTP
Facility Address: 2201 LARKEY LN
Facility Address 2: Not reported
Facility City: WALNUT CREEK
Facility County: Not reported
Facility State: CA
Facility Zip: 945972274

EPA ID: CAL000137583
Create Date: 2002-03-14 16:36:28.000
NAICS Code: 92411
NAICS Description: Administration of Air and Water Resource and Solid Waste Management Programs
Issued EPA ID Date: 1994-12-02 00:00:00
Inactive Date: Not reported
Facility Name: EBMUD-WCTP

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EBMUD-WCTP (Continued)

S113075051

Facility Address: 2201 LARKEY LN
 Facility Address 2: Not reported
 Facility City: WALNUT CREEK
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 945972274

A2 EAST BAY MUNICIPLE UTILITY DIST
Target 2201 LARKEY LANE
Property WALNUT CREEK, CA 94596

CERS HAZ WASTE
HIST UST
CERS TANKS
HAZNET
CONTRA COSTA CO. SITE LIST
CERS
HWTS

S112859206
N/A

Site 2 of 17 in cluster A

Actual:
304 ft.

CERS HAZ WASTE:
 Name: EBMUD WALNUT CREEK TREATMENT PLANT
 Address: 2201 LARKEY LN
 City,State,Zip: WALNUT CREEK, CA 94597
 Site ID: 27329
 CERS ID: 10006537
 CERS Description: Hazardous Chemical Management

Name: EBMUD WALNUT CREEK TREATMENT PLANT
 Address: 2201 LARKEY LN
 City,State,Zip: WALNUT CREEK, CA 94597
 Site ID: 27329
 CERS ID: 10006537
 CERS Description: Hazardous Waste Generator

HIST UST:
 Name: WALNUT CREEK PUMPING PLANT
 Address: 2201 LARKEY LANE
 City,State,Zip: WALNUT CREEK, CA 94596
 File Number: 00022AB5
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00022AB5.pdf>
 Region: Not reported
 Facility ID: Not reported
 Facility Type: Not reported
 Other Type: Not reported
 Contact Name: Not reported
 Telephone: Not reported
 Owner Name: Not reported
 Owner Address: Not reported
 Owner City,St,Zip: Not reported
 Total Tanks: Not reported

Tank Num: Not reported
 Container Num: Not reported
 Year Installed: Not reported
 Tank Capacity: Not reported
 Tank Used for: Not reported
 Type of Fuel: Not reported
 Container Construction Thickness: Not reported
 Leak Detection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S112859206

[Click here for Geo Tracker PDF:](#)

CERS TANKS:

Name: EBMUD WALNUT CREEK TREATMENT PLANT
Address: 2201 LARKEY LN
City,State,Zip: WALNUT CREEK, CA 94597
Site ID: 27329
CERS ID: 10006537
CERS Description: Aboveground Petroleum Storage

HAZNET:

Name: EAST BAY MUNICIPAL UTILITY DIST
Address: 2201 LARKEY LANE
Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 945960000
Contact: LES MARTIN
Telephone: 5102870416
Mailing Name: Not reported
Mailing Address: PO BOX 24055

Year: 1994
Gepaid: CAC001004984
TSD EPA ID: AZD982465866
CA Waste Code: 261 - Polychlorinated biphenyls and material containing PCBs
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.0352

Year: 1994
Gepaid: CAC001004984
TSD EPA ID: AZD982465866
CA Waste Code: 731 - Liquids with polychlorinated biphenyls >= 50 Mg./L
Disposal Method: T03 - Treatment, Incineration
Tons: 1.1141

Additional Info:

Year: 1994
Gen EPA ID: CAC001004984

Shipment Date: 19940823
Creation Date: 10/16/1995 0:00:00
Receipt Date: 19940916
Manifest ID: 93244372
Trans EPA ID: CAD009466392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: AZD982465866
Trans Name: Not reported
TSD EPA ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 261 - Not reported
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.0352
Waste Quantity: 32

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S112859206

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

Shipment Date: 19940729
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940801
Manifest ID: 92239090
Trans EPA ID: CAD063547996
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD982465866
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 731 - Liquids with polychlorinated biphenyls > 50 mg/l
RCRA Code: Not reported
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 1.1141
Waste Quantity: 1011
Quantity Unit: K
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CONTRA COSTA CO. SITE LIST:

Name: EBMUD WALNUT CREEK TREATMENT PLANT
Address: 2201 LARKEY LN
City: WALNUT CREEK
Facility ID: FA0032004
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: APSA: <10K GALLONS
Region: CONTRA COSTA
Cupa Number: 727854
CERS ID: 10006537

Name: EBMUD WALNUT CREEK TREATMENT PLANT
Address: 2201 LARKEY LN
City: WALNUT CREEK
Facility ID: FA0032004
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: CALARP RMP
Region: CONTRA COSTA
Cupa Number: 727854
CERS ID: 10006537

Name: EBMUD WALNUT CREEK TREATMENT PLANT
Address: 2201 LARKEY LN
City: WALNUT CREEK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPALE UTILITY DIST (Continued)

S112859206

Facility ID: FA0032004
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: >500K-2.5M LBS
Region: CONTRA COSTA
Cupa Number: 727854
CERS ID: 10006537

Name: EBMUD WALNUT CREEK TREATMENT PLANT
Address: 2201 LARKEY LN
City: WALNUT CREEK
Facility ID: FA0032004
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 727854
CERS ID: 10006537

Name: EBMUD WALNUT CREEK TREATMENT PLANT
Address: 2201 LARKEY LN
City: WALNUT CREEK
Facility ID: FA0032004
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 727854
CERS ID: 10006537

CERS:

Name: EBMUD WALNUT CREEK TREATMENT PLANT
Address: 2201 LARKEY LN
City,State,Zip: WALNUT CREEK, CA 94597
Site ID: 27329
CERS ID: 110055698400
CERS Description: US EPA Air Emission Inventory System (EIS)

Violations:

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-22-2015
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/19/2015.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-16-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to address in the SPCC Plan the type of oil and storage capacity for each fixed container, and either the type of oil and

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S112859206

Violation Notes: storage capacity for each mobile or portable container, or an estimate of the potential number of mobile or portable containers, the types of oil, and anticipated storage capacities.
Returned to compliance on 03/22/2018. OBSERVATION: Failure to address in the SPCC Plan the type of oil and storage capacity for each fixed, portable and/or mobile container. The SPCC Plan contains incorrect quantities and containment capacities for the portable emergency generator, (1250 gallons double walled, not 100 gallons) and the day tank in the generator room (100 gallons, has secondary containment).
CORRECTIVE ACTION: Amend the SPCC Plan to properly address the type and storage capacity of all fixed, portable and/or mobile containers.

Violation Division: Contra Costa County Health Services Department
Violation Program: APSA
Violation Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-16-2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violation Notes: Returned to compliance on 03/22/2018. OBSERVATION: Containers of aerosols, batteries, and e-waste located in the hazardous waste sheds were observed open, without lids. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the containers listed above have been properly closed.

Violation Division: Contra Costa County Health Services Department
Violation Program: HW
Violation Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-12-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/21/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-06-2017
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/10/2017.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS,

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPALE UTILITY DIST (Continued)

S112859206

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-12-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 02/03/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: HW
Violation Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-12-2016
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: APSA Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/29/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: APSA
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPALE UTILITY DIST (Continued)

S112859206

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-29-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-01-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: CalARP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S112859206

Eval Date: 10-28-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: CalARP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: CalARP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPALE UTILITY DIST (Continued)

S112859206

Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: APSA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPALE UTILITY DIST (Continued)

S112859206

Eval Source: CERS,

Enforcement Action:

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-06-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-22-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-12-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-16-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPALE UTILITY DIST (Continued)

S112859206

Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-16-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-12-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-12-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: APSA
Enf Action Source: CERS,

Coordinates:

Site ID: 27329
Facility Name: EBMUD WALNUT CREEK TREATMENT PLANT
Env Int Type Code: FRS-AIR
Program ID: 110055698400
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.913610
Longitude: -122.084140

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Drew Lerer
Entity Title: Not reported
Affiliation Address: PO Box 24055 (MS #704)
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94623

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPLE UTILITY DIST (Continued)

S112859206

Affiliation Phone: ,
Affiliation Type Desc: Environmental Contact
Entity Name: Robert Newman
Entity Title: Not reported
Affiliation Address: POBOX 24055 MS 704
Affiliation City: OAKLAND
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: JOHN H SCHROETER
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: POBOX 24055 MS 704
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: ROBERT D NEWMAN
Entity Title: SR. ENV H&S SPECIALIST
Affiliation Address: 375 11TH STMS 704
Affiliation City: WALNUTCREEK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO Box 24055 (MS #704)
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94623
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: DENNIS MECHAM
Entity Title: SUPERVISOR
Affiliation Address: 19100 RIDGEWAY PKWY
Affiliation City: SANANTONIO
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: MARY HICKS
Entity Title: SUPERINTENDENT
Affiliation Address: 19100 RIDGEWAY PKWY
Affiliation City: SANANTONIO

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S112859206

Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: East Bay Municipal Utility District
Entity Title: Not reported
Affiliation Address: PO Box 24055 (MS #704)
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94623
Affiliation Phone: (866) 403-2683,

Affiliation Type Desc: Operator
Entity Name: EAST BAY MUNICIPAL UTIL DST
Entity Title: OPERATOR
Affiliation Address: 9260 E STOCKTON BLVD
Affiliation City: ELKGROVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: EAST BAY MUNICIPAL UTILITY DST
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (925) 943-6601,

Affiliation Type Desc: Parent Corporation
Entity Name: East Bay Municipal Utility District
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Contra Costa County Health Services Department
Entity Title: Not reported
Affiliation Address: 4585 Pacheco Blvd Suite 100
Affiliation City: Martinez
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94553
Affiliation Phone: (925) 655-3200,

Affiliation Type Desc: Document Preparer
Entity Name: Drew Lerer

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPALE UTILITY DIST (Continued)

S112859206

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Owner
Entity Name: EAST BAY MUNICIPAL UTIL DISTRICT
Entity Title: OWNER
Affiliation Address: 19100 RIDGEWAY PKWY
Affiliation City: SANANTONIO
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Drew Lerer
Entity Title: Sr. Environmental Health and Safety Specialist
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: EBMUD WALNUT CREEK TREATMENT PLANT
Address: 2201 LARKEY LN
City,State,Zip: WALNUT CREEK, CA 94597
Site ID: 27329
CERS ID: 10006537
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-22-2015
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/19/2015.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-16-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to address in the SPCC Plan the type of oil and storage capacity for each fixed container, and either the type of oil and storage capacity for each mobile or portable container, or an estimate of the potential number of mobile or portable containers, the types of oil, and anticipated storage capacities.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPALE UTILITY DIST (Continued)

S112859206

Violation Notes: Returned to compliance on 03/22/2018. OBSERVATION: Failure to address in the SPCC Plan the type of oil and storage capacity for each fixed, portable and/or mobile container. The SPCC Plan contains incorrect quantities and containment capacities for the portable emergency generator, (1250 gallons double walled, not 100 gallons) and the day tank in the generator room (100 gallons, has secondary containment). CORRECTIVE ACTION: Amend the SPCC Plan to properly address the type and storage capacity of all fixed, portable and/or mobile containers.

Violation Division: Contra Costa County Health Services Department
Violation Program: APSA
Violation Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-16-2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violation Notes: Returned to compliance on 03/22/2018. OBSERVATION: Containers of aerosols, batteries, and e-waste located in the hazardous waste sheds were observed open, without lids. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the containers listed above have been properly closed.

Violation Division: Contra Costa County Health Services Department
Violation Program: HW
Violation Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-12-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/21/2016.

Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-06-2017
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/10/2017.

Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-12-2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S112859206

Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 02/03/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: HW
Violation Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Violation Date: 01-12-2016
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: APSA Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/29/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: APSA
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S112859206

Eval Date: 03-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-29-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-01-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: CalARP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2014
Violations Found: No
Eval Type: Routine done by local agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPALE UTILITY DIST (Continued)

S112859206

Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: CalARP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: CalARP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPALE UTILITY DIST (Continued)

S112859206

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: APSA
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S112859206

Enforcement Action:

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-06-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-22-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-12-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-16-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
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Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S112859206

Site Zip: 94597
Enf Action Date: 01-16-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-12-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 27329
Site Name: EBMUD WALNUT CREEK TREATMENT PLANT
Site Address: 2201 LARKEY LN
Site City: WALNUT CREEK
Site Zip: 94597
Enf Action Date: 01-12-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: APSA
Enf Action Source: CERS,

Coordinates:

Site ID: 27329
Facility Name: EBMUD WALNUT CREEK TREATMENT PLANT
Env Int Type Code: FRS-AIR
Program ID: 110055698400
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.913610
Longitude: -122.084140

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Drew Lerer
Entity Title: Not reported
Affiliation Address: PO Box 24055 (MS #704)
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94623
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPALE UTILITY DIST (Continued)

S112859206

Affiliation Type Desc: Environmental Contact
Entity Name: Robert Newman
Entity Title: Not reported
Affiliation Address: POBOX 24055 MS 704
Affiliation City: OAKLAND
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: JOHN H SCHROETER
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: POBOX 24055 MS 704
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: ROBERT D NEWMAN
Entity Title: SR. ENV H&S SPECIALIST
Affiliation Address: 375 11TH STMS 704
Affiliation City: WALNUTCREEK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO Box 24055 (MS #704)
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94623
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: DENNIS MECHAM
Entity Title: SUPERVISOR
Affiliation Address: 19100 RIDGEWAY PKWY
Affiliation City: SANANTONIO
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: MARY HICKS
Entity Title: SUPERINTENDENT
Affiliation Address: 19100 RIDGEWAY PKWY
Affiliation City: SANANTONIO
Affiliation State: TX
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPALE UTILITY DIST (Continued)

S112859206

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: East Bay Municipal Utility District
Entity Title: Not reported
Affiliation Address: PO Box 24055 (MS #704)
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94623
Affiliation Phone: (866) 403-2683,

Affiliation Type Desc: Operator
Entity Name: EAST BAY MUNICIPAL UTIL DST
Entity Title: OPERATOR
Affiliation Address: 9260 E STOCKTON BLVD
Affiliation City: ELKGROVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: EAST BAY MUNICIPAL UTILITY DST
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (925) 943-6601,

Affiliation Type Desc: Parent Corporation
Entity Name: East Bay Municipal Utility District
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Contra Costa County Health Services Department
Entity Title: Not reported
Affiliation Address: 4585 Pacheco BlvdSuite 100
Affiliation City: Martinez
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94553
Affiliation Phone: (925) 655-3200,

Affiliation Type Desc: Document Preparer
Entity Name: Drew Lerer
Entity Title: Not reported
Affiliation Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPLE UTILITY DIST (Continued)

S112859206

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Owner
Entity Name: EAST BAY MUNICIPAL UTIL DISTRICT
Entity Title: OWNER
Affiliation Address: 19100 RIDGEWAY PKWY
Affiliation City: SANANTONIO
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Drew Lerer
Entity Title: Sr. Environmental Health and Safety Specialist
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:

Name: EAST BAY MUNICIPLE UTILITY DIST
Address: 2201 LARKEY LANE
Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 945960000
EPA ID: CAC001004984
Inactive Date: 10/25/2000
Create Date: 06/14/1994
Last Act Date: 10/25/2000
Mailing Name: Not reported
Mailing Address: PO BOX 24055
Mailing Address 2: Not reported
Mailing City,State,Zip: OAKLAND, CA 946230000
Owner Name: EAST BAY MUNICIPLE UTILITY DIS
Owner Address: 2201 LARKEY LANE
Owner Address 2: Not reported
Owner City,State,Zip: WALNUT CREEK, CA 945960000
Contact Name: LES MARTIN
Contact Address: PO BOX 24055
Contact Address 2: Not reported
City,State,Zip: OAKLAND, CA 946230000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A3 **EBMUD WALNUT CREEK WATER TREATMENT PLANT**
Target **2201 LARKEY LANE**
Property **WALNUT CREEK, CA 94596**

SWEEPS UST **S101581066**
CA FID UST **N/A**
CHMIRS
ENF
CIWQS

Site 3 of 17 in cluster A

Actual:
304 ft.

SWEEPS UST:

Name: EBMUD WALNUT CREEK FILTER PLAN
Address: 2201 LARKEY LN
City: WALNUT CREEK
Status: Active
Comp Number: 27854
Number: 9
Board Of Equalization: 44-002338
Referral Date: 06-20-88
Action Date: Not reported
Created Date: 07-22-88
Owner Tank Id: Not reported
SWRCB Tank Id: 07-000-027854-000001
Tank Status: A
Capacity: 550
Active Date: 06-20-88
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

Name: EBMUD WALNUT CREEK FILTER PLAN
Address: 2201 LARKEY LN
City: WALNUT CREEK
Status: Not reported
Comp Number: 27854
Number: Not reported
Board Of Equalization: 44-002338
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 07-000-027854-000002
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 2

Name: EBMUD WALNUT CREEK FILTER PLAN
Address: 2201 LARKEY LN
City: WALNUT CREEK
Status: Not reported
Comp Number: 27854
Number: Not reported
Board Of Equalization: 44-002338
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 07-000-027854-000003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD WALNUT CREEK WATER TREATMENT PLANT (Continued)

S101581066

Tank Status: Not reported
Capacity: 750
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 07001311
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158353000
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: WALNUT CREEK 94596
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CHMIRS:

Name: Not reported
Address: 2201 LARKEY LN
City,State,Zip: WALNUT CREEK, CA
OES Incident Number: 2-0502
OES notification: 01/25/2002
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD WALNUT CREEK WATER TREATMENT PLANT (Continued)

S101581066

Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2002
Agency:	East Bay Mud
Incident Date:	1/25/2002 12:00:00 AM
Admin Agency:	Contra Costa County Health Services Dept.
Amount:	Not reported
Contained:	Yes
Site Type:	Other
E Date:	Not reported
Substance:	Drinking Water
Gallons:	97,000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Per caller, the release was caused from a mechanical failure.
Name:	Not reported
Address:	2201 LARKEY LN
City,State,Zip:	WALNUT CREEK, CA 94607
OES Incident Number:	7-4838
OES notification:	08/12/2007
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD WALNUT CREEK WATER TREATMENT PLANT (Continued)

S101581066

Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2007
Agency:	East Bay Municipal Utility Dist
Incident Date:	8/12/2007 12:00:00 AM
Admin Agency:	Contra Costa County Health Services Dept.
Amount:	Not reported
Contained:	Yes
Site Type:	Other
E Date:	Not reported
Substance:	Drinking Water
Gallons:	18,000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Substance was released due to a waterline break at the water treatment plant. Caller states substance released to a dry creekbed. Caller

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD WALNUT CREEK WATER TREATMENT PLANT (Continued)

S101581066

states substance absorbed into the soil. No erosion involved. Caller states release occurred overnight between Aug 11 and 12.

ENF:

Name: EBMUD WALNUT CREEK WATER TREATMENT PLANT
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Region: 2
Facility Id: 271631
Agency Name: East Bay Municipal Utility District (Water Plants)
Place Type: Utility
Place Subtype: Water Treatment Plant
Facility Type: Municipal/Domestic
Agency Type: Publicly-Owned Business
Of Agencies: 1
Place Latitude: 37.914889
Place Longitude: -122.083556
SIC Code 1: 4941
SIC Desc 1: Water Supply
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: 3.52
Threat To Water Quality: 2
Complexity: B
Pretreatment: N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type: Filter backwash brine waters
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: NPDNONMUNIPRCS
Program Category1: NPDESWW
Program Category2: NPDESWW
Of Programs: 1
WDID: 2 071071001
Reg Measure Id: 181288
Reg Measure Type: Enrollee
Region: 2
Order #: R2-2003-0062
Npdes# CA#: CAG382001
Major-Minor: Minor
Npdes Type: MUN
Reclamation: N - No
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Historical

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD WALNUT CREEK WATER TREATMENT PLANT (Continued)

S101581066

Status Date: 04/07/2010
Effective Date: 06/18/2003
Expiration/Review Date: 06/18/2008
Termination Date: 03/29/2010
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: Y
Individual/General: I
Fee Code: 60 - Minimal or no treatment to meet limits Category 3
Direction/Voice: Passive
Enforcement Id(EID): 249979
Region: 2
Order / Resolution Number: R2-2003-0067
Enforcement Action Type: Admin Civil Liability
Effective Date: 10/15/2003
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - MMP for EBMUD Walnut Creek WTP
Description: MMP for 2 chlorine residual violations at a water treatment plant. No water quality impacts. Discharger waived their right to a hearing and will send check for funding a student as their SEP.
Program: NPDNONMUNIPRCS
Latest Milestone Completion Date: 12/31/2003
Of Programs: 1
Total Assessment Amount: 6000
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 6000
Name: EBMUD WALNUT CREEK WATER TREATMENT PLANT
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Region: 2
Facility Id: 271631
Agency Name: East Bay Municipal Utility District (Water Plants)
Place Type: Utility
Place Subtype: Water Treatment Plant
Facility Type: Municipal/Domestic
Agency Type: Publicly-Owned Business
Of Agencies: 1
Place Latitude: 37.914889
Place Longitude: -122.083556
SIC Code 1: 4941
SIC Desc 1: Water Supply
SIC Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD WALNUT CREEK WATER TREATMENT PLANT (Continued)

S101581066

SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Miscellaneous
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDESWW
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 071071001
Reg Measure Id:	143087
Reg Measure Type:	NPDES Permits
Region:	2
Order #:	97-022
Npdes# CA#:	CA0038270
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	08/12/2013
Effective Date:	02/19/1997
Expiration/Review Date:	05/19/2004
Termination Date:	05/19/2004
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Active
Enforcement Id(EID):	378089
Region:	2
Order / Resolution Number:	R2-2012-0058
Enforcement Action Type:	Admin Civil Liability
Effective Date:	10/12/2012
Adoption/Issuance Date:	10/12/2012
Achieve Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD WALNUT CREEK WATER TREATMENT PLANT (Continued)

S101581066

Termination Date: 10/30/2012
ACL Issuance Date: Not reported
EPL Issuance Date: 08/15/2012
Status: Historical
Title: ACL R2-2012-0058 for EAST BAY MUNICIPAL UTILITY DISTRICT (Water Plants)
Description: MMP
Program: NPDESWW
Latest Milestone Completion Date: 10/24/2012
Of Programs1: 1
Total Assessment Amount: 9000
Initial Assessed Amount: 9000
Liability \$ Amount: 9000
Project \$ Amount: 0
Liability \$ Paid: 9000
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 9000

CIWQS:

Name: EBMUD WALNUT CREEK WATER TREATMENT PLANT
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Agency: East Bay Municipal Utility District (Water Plants)
Agency Address: 375 11th Street, Oakland, CA 94607-4240
Place/Project Type: Water Treatment Plant
SIC/NAICS: 4941
Region: 2
Program: NPDESWW, NPDNONMUNIPRCS
Regulatory Measure Status: Historical
Regulatory Measure Type: Enrollee
Order Number: R2-2003-0062
WDID: 2 071071001
NPDES Number: CAG382001
Adoption Date: 06/18/2003
Effective Date: 06/18/2003
Termination Date: 03/29/2010
Expiration/Review Date: 06/18/2008
Design Flow: 3.52
Major/Minor: Minor
Complexity: B
TTWQ: 2
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.914889
Longitude: -122.083556

**A4
Target
Property**

**EBMUD - WALNUT CREEK RAW WATER BYPASS
2201 LARKEY LN
WALNUT CREEK, CA 94596**

**HWTS S124547989
N/A**

Site 4 of 17 in cluster A

**Actual:
304 ft.**

HWTS:
Name: EBMUD - WALNUT CREEK RAW WATER BYPASS
Address: 2201 LARKEY LN
Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 945960000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EBMUD - WALNUT CREEK RAW WATER BYPASS (Continued)

S124547989

EPA ID: CAC001043944
 Inactive Date: 10/25/2000
 Create Date: 11/29/1995
 Last Act Date: 10/25/2000
 Mailing Name: Not reported
 Mailing Address: P O BOX 24055
 Mailing Address 2: Not reported
 Mailing City,State,Zip: OAKLAND, CA 946231005
 Owner Name: EBMUD
 Owner Address: P O BOX 24055
 Owner Address 2: Not reported
 Owner City,State,Zip: OAKLAND, CA 946231005
 Contact Name: EILEEN FANELLI
 Contact Address: P O BOX 24055
 Contact Address 2: Not reported
 City,State,Zip: OAKLAND, CA 946231005

**A5
 Target
 Property**

**SWINERTON BUILDERS INC
 2201 LARKEY LN
 WALNUT CREEK, CA 94597**

**HAZNET S112953259
 HWTS N/A**

Site 5 of 17 in cluster A

**Actual:
 304 ft.**

HAZNET:
 Name: SWINERTON BUILDERS INC
 Address: 2201 LARKEY LN
 Address 2: Not reported
 City,State,Zip: WALNUT CREEK, CA 945972274
 Contact: MIKE RAMERA
 Telephone: 4157400004
 Mailing Name: Not reported
 Mailing Address: 260 TOWNSEND ST

 Year: 2006
 Gepaid: CAC002603289
 TSD EPA ID: CAD980887418
 CA Waste Code: 221 - Waste oil and mixed oil
 Disposal Method: *** - Invalid Code
 Tons: 1.425

Additional Info:

Year: 2006
 Gen EPA ID: CAC002603289

 Shipment Date: 20060526
 Creation Date: 9/14/2006 18:39:29
 Receipt Date: 20060529
 Manifest ID: 24730642
 Trans EPA ID: CAD982413262
 Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
 Trans 2 EPA ID: Not reported
 Trans 2 Name: Not reported
 TSD EPA ID: CAD980887418
 Trans Name: EVERGREEN OIL INC
 TSD EPA ID: CAD980887418
 TSD EPA Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWINERTON BUILDERS INC (Continued)

S112953259

Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: *** - Invalid Code
Quantity Tons: 1.425
Waste Quantity: 375
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: SWINERTON BUILDERS INC
Address: 2201 LARKEY LN
Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 945972274
EPA ID: CAC002577069
Inactive Date: 12/28/2004
Create Date: 04/29/2004
Last Act Date: 12/28/2004
Mailing Name: Not reported
Mailing Address: 260 TOWNSEND ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN FRANCISCO, CA 94107
Owner Name: SWINERTON BUILDERS INC
Owner Address: 260 TOWNSEND ST
Owner Address 2: Not reported
Owner City,State,Zip: SAN FRANCISCO, CA 94107
Contact Name: JOHN PAYTON/GEN FOREMAN
Contact Address: 260 TOWNSEND ST
Contact Address 2: Not reported
City,State,Zip: SAN FRANCISCO, CA 94107

Name: SWINERTON BUILDERS INC
Address: 2201 LARKEY LN
Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 945972274
EPA ID: CAC002603289
Inactive Date: 10/30/2006
Create Date: 05/02/2006
Last Act Date: 10/31/2006
Mailing Name: Not reported
Mailing Address: 260 TOWNSEND ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN FRANCISCO, CA 941071719
Owner Name: SWINERTON BUILDERS INC
Owner Address: 260 TOWNSEND ST
Owner Address 2: Not reported
Owner City,State,Zip: SAN FRANCISCO, CA 941071719
Contact Name: MIKE RAMERA
Contact Address: 2201 LARKEY LN
Contact Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 945972274

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A6 WALNUT CREEK WATER TREATMENT PLANT
Target 2201 LARKEY LANE
Property WALNUT CREEK, CA 94596

RCRA-SQG 1007200287
CAL000127583

Site 6 of 17 in cluster A

Actual:
304 ft.

RCRA-SQG:
Date Form Received by Agency: 20020327
Handler Name: WALNUT CREEK WATER TREATMENT PLANT
Handler Address: 2201 LARKEY LANE
Handler City,State,Zip: WALNUT CREEK, CA 94596
EPA ID: CAL000127583
Contact Name: DANIEL E JACKSON
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 510-287-0952
Contact Fax: Not reported
Contact Email: DEJACKSO@EBMUD.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: PO BOX 24055
Mailing City,State,Zip: OAKLAND, CA 94623
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WALNUT CREEK WATER TREATMENT PLANT (Continued)

1007200287

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Historic Generators:

Receive Date:	20020327
Handler Name:	WALNUT CREEK WATER TREATMENT PLANT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20020327
Handler Name:	WALNUT CREEK WATER TREATMENT PLANT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WALNUT CREEK WATER TREATMENT PLANT (Continued)

1007200287

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	22131
NAICS Description:	WATER SUPPLY AND IRRIGATION SYSTEMS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20041108
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WALNUT CREEK WATER TREATMENT PLANT (Continued)

1007200287

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

**A7
 Target
 Property**

**DYK INC
 2201 LARKEY LN
 WALNUT CREEK, CA 94597**

**HWTS S124585060
 N/A**

Site 7 of 17 in cluster A

**Actual:
 304 ft.**

HWTS:	
Name:	DYK INC
Address:	2201 LARKEY LN
Address 2:	Not reported
City,State,Zip:	WALNUT CREEK, CA 94597274
EPA ID:	CAC002594067
Inactive Date:	02/09/2006
Create Date:	08/12/2005
Last Act Date:	08/12/2005
Mailing Name:	Not reported
Mailing Address:	351 CYPRESS LN
Mailing Address 2:	Not reported
Mailing City,State,Zip:	EL CAJON, CA 92020
Owner Name:	DYK INC
Owner Address:	2201 LARKEY LN
Owner Address 2:	Not reported
Owner City,State,Zip:	WALNUT CREEK, CA 94597274
Contact Name:	RANDY SMITH
Contact Address:	351 CYPRESS LN
Contact Address 2:	Not reported
City,State,Zip:	EL CAJON, CA 92020

**A8
 Target
 Property**

**EAST BAY MUNICIPAL UTILITY DISTRICT
 2201 LARKEY LN
 WALNUT CREEK, CA 94597**

**RCRA NonGen / NLR 1026161147
 CAC003061127**

Site 8 of 17 in cluster A

**Actual:
 304 ft.**

RCRA NonGen / NLR:	
Date Form Received by Agency:	20200324
Handler Name:	EAST BAY MUNICIPAL UTILITY DISTRICT
Handler Address:	2201 LARKEY LN
Handler City,State,Zip:	WALNUT CREEK, CA 94597
EPA ID:	CAC003061127
Contact Name:	GOPAL NAIR
Contact Address:	375 11TH ST
Contact City,State,Zip:	OAKLAND, CA 94607
Contact Telephone:	510-287-1641
Contact Fax:	Not reported
Contact Email:	GOPAL.NAIR@EBMUD.COM
Contact Title:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EAST BAY MUNICIPAL UTILITY DISTRICT (Continued)

1026161147

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	375 11TH ST
Mailing City,State,Zip:	OAKLAND, CA 94607
Owner Name:	EAST BAY MUNICIPAL UTILITY DISTRICT
Owner Type:	Other
Operator Name:	GOPAL NAIR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EAST BAY MUNICIPAL UTILITY DISTRICT (Continued)

1026161147

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200408
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EAST BAY MUNICIPAL UTILITY DISTRICT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	375 11TH ST
Owner/Operator City,State,Zip:	OAKLAND, CA 94607
Owner/Operator Telephone:	510-287-1641
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOPAL NAIR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	375 11TH ST
Owner/Operator City,State,Zip:	OAKLAND, CA 94607
Owner/Operator Telephone:	510-287-1641
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200324
Handler Name:	EAST BAY MUNICIPAL UTILITY DISTRICT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221310
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Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EAST BAY MUNICIPAL UTILITY DISTRICT (Continued)

1026161147

NAICS Description: WATER SUPPLY AND IRRIGATION SYSTEMS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

A9
Target
Property

2201 LARKEY LN.
WALNUT CREEK, CA 94607

CHMIRS S105883578
N/A

Site 9 of 17 in cluster A

Actual:
304 ft.

CHMIRS:
 Name: Not reported
 Address: 2201 LARKEY LN.
 City,State,Zip: WALNUT CREEK, CA 94607
 OES Incident Number: 2-1705
 OES notification: 03/28/2002
 OES Date: Not reported
 OES Time: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported
 Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: Not reported
 More Than Two Substances Involved?: Not reported
 Resp Agncy Personel # Of Decontaminated: Not reported
 Responding Agency Personel # Of Injuries: Not reported
 Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA DOT PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: Not reported
 Report Date: Not reported
 Facility Telephone: Not reported
 Waterway Involved: Yes
 Waterway: Las Trampas Creek
 Spill Site: Not reported
 Cleanup By: Contractor
 Containment: Not reported
 What Happened: Not reported
 Type: Not reported
 Measure: Not reported
 Other: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S105883578

Date/Time:	Not reported
Year:	2002
Agency:	East Bay MUD
Incident Date:	3/27/2002 12:00:00 AM
Admin Agency:	Contra Costa County Health Services Dept.
Amount:	Not reported
Contained:	Yes
Site Type:	Road
E Date:	Not reported
Substance:	Chlorinated Drinking Water
Gallons:	150,000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	A contractor hit a 20" water main, releasing the material into the street and a flood control channel. The flood control channel flows into Las Trampas Creek. The chlorine level is very low, at 0.3 milligrams per liter. Dechlorination tablets have been added to the release.

A10 **EBMUD WALNUT CREEK WATER TREATMENT PLANT**
Target **2201 LARKEY**
Property **WALNUT CREEK, CA 94596**

CERS **S121764450**
N/A

Site 10 of 17 in cluster A

Actual:
304 ft.

CERS:
 Name: EBMUD WALNUT CREEK WATER TREATMENT PLANT
 Address: 2201 LARKEY
 City,State,Zip: WALNUT CREEK, CA 94596
 Site ID: 350099
 CERS ID: 271631
 CERS Description: NPDES Wastewater and Stormwater

Violations:
 Site ID: 350099
 Site Name: EBMUD Walnut Creek Water Treatment Plant
 Violation Date: 02-18-2004
 Citation: California Water Code
 Violation Description: Not reported
 Violation Notes: Contractor, who was installing a pump, left valve open. Discharger's operator closed valve upon discovery; however, a portion of the 350 gallons with chlorine residual of 0.35 mg/L discharged into Grayson Creek.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD WALNUT CREEK WATER TREATMENT PLANT (Continued)

S121764450

Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS,

Site ID: 350099
Site Name: EBMUD Walnut Creek Water Treatment Plant
Violation Date: 03-12-2003
Citation: California Water Code
Violation Description: Not reported
Violation Notes: About 7000 gallons of treated drinking water was discharge to Grayson Creek accidentally. A contractor cut into the power line to the sump pump and emergency raw water bypass valve pit, caused the spill.

Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS,

Site ID: 350099
Site Name: EBMUD Walnut Creek Water Treatment Plant
Violation Date: 11-17-2003
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Permit has a pH limit range of 6 to 9. The plant discharged about 150 gallons of water at pH 10.2. The incident is caused by a construction activity.

Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS,

Site ID: 350099
Site Name: EBMUD Walnut Creek Water Treatment Plant
Violation Date: 04-20-2005
Citation: California Water Code
Violation Description: Not reported
Violation Notes: pH limit is 8.5 and reported value was 8.9 .

Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS,

Site ID: 350099
Site Name: EBMUD Walnut Creek Water Treatment Plant
Violation Date: 10-13-2003
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Release of 200 to 500 gallons of clearwell water to Grayson Creek. Permit has a chlorine residual limit of 0.0 mg/L. The clearwell water chlorine residual was 2.1 mg/L according to test conducted shortly after the discharge.

Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS,

Site ID: 350099
Site Name: EBMUD Walnut Creek Water Treatment Plant
Violation Date: 02-26-2002
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Late 4th quarter report, should be received by the Board by Jan. 15,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD WALNUT CREEK WATER TREATMENT PLANT (Continued)

S121764450

02, instead, we received on Jan. 23, 02
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS,

Site ID: 350099
Site Name: EBMUD Walnut Creek Water Treatment Plant
Violation Date: 04-20-2005
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Chlorine, Total Residual Instantaneous Maximum limit is 0.0 mg/L and reported value was 2.0 mg/L.

Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS,

Site ID: 350099
Site Name: EBMUD Walnut Creek Water Treatment Plant
Violation Date: 03-19-2003
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Discharged about 800 gallons of treated drinking water to Grayson Creek. The permit has a chlorine residual limit of 0.0 mg/L. The treated drinking water normally has chlorine residual greater than 0.0 mg/L.

Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS,

Enforcement Action:
Site ID: 350099
Site Name: EBMUD Walnut Creek Water Treatment Plant
Site Address: 2201 LARKEY
Site City: WALNUT CREEK
Site Zip: 94596
Enf Action Date: 10-12-2012
Enf Action Type: Administrative Enforcement with Penalty
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS,

Site ID: 350099
Site Name: EBMUD Walnut Creek Water Treatment Plant
Site Address: 2201 LARKEY
Site City: WALNUT CREEK
Site Zip: 94596
Enf Action Date: 10-15-2003
Enf Action Type: Administrative Enforcement with Penalty
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD WALNUT CREEK WATER TREATMENT PLANT (Continued)

S121764450

Affiliation:

Affiliation Type Desc: Regulating
Entity Name: San Francisco Bay Regional Water Quality Control Board
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

A11 EASTBAY MUNICIPAL UTILITY DIST
Target 2201 LARKEY LN
Property WALNUT CREEK, CA 94596

HAZNET S112919808
HWTS N/A

Site 11 of 17 in cluster A

**Actual:
304 ft.**

HAZNET:

Name: EASTBAY MUNICIPAL UTILITY DIST
Address: 2201 LARKEY LN
Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 945960000
Contact: SAFA TOMA
Telephone: 5102871512
Mailing Name: Not reported
Mailing Address: PO BOX 24055 MS 704

Year: 2002
Gepaid: CAC002470063
TSD EPA ID: WAD991281767
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.42

Year: 2002
Gepaid: CAC002470063
TSD EPA ID: CAT000646117
CA Waste Code: 261 - Polychlorinated biphenyls and material containing PCBs
Disposal Method: D80 - Disposal, Land Fill
Tons: 4.1876

Year: 2002
Gepaid: CAC002470063
TSD EPA ID: CAT000646117
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 52.2536

Additional Info:

Year: 2002
Gen EPA ID: CAC002470063

Shipment Date: 20020628
Creation Date: 2/7/2003 18:31:14
Receipt Date: 20020709

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EASTBAY MUNICIPAL UTILITY DIST (Continued)

S112919808

Manifest ID: 21241433
Trans EPA ID: CAR000052803
Trans Name: Not reported
Trans 2 EPA ID: UTD981552425
Trans 2 Name: Not reported
TSDf EPA ID: WAD991281767
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.42
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020628
Creation Date: 9/18/2002 18:31:39
Receipt Date: 20020628
Manifest ID: 21241432
Trans EPA ID: CAD981685886
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 261 - Not reported
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 4.1876
Waste Quantity: 3800
Quantity Unit: K
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020531
Creation Date: 1/24/2003 18:31:04
Receipt Date: 20020531
Manifest ID: 21675733
Trans EPA ID: CAD004778742
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EASTBAY MUNICIPAL UTILITY DIST (Continued)

S112919808

Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020531
Creation Date: 1/24/2003 18:31:04
Receipt Date: 20020531
Manifest ID: 21848763
Trans EPA ID: CAD063547996
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 8.428
Waste Quantity: 10
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020531
Creation Date: 1/24/2003 18:31:04
Receipt Date: 20020531
Manifest ID: 21848764
Trans EPA ID: CAD063547996
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 10.1136
Waste Quantity: 12
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EASTBAY MUNICIPAL UTILITY DIST (Continued)

S112919808

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020528
Creation Date: 1/24/2003 18:31:04
Receipt Date: 20020528
Manifest ID: 21675726
Trans EPA ID: CAD981685886
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 8.428
Waste Quantity: 10
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020528
Creation Date: 1/24/2003 18:31:04
Receipt Date: 20020528
Manifest ID: 21675724
Trans EPA ID: CAD981685886
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 8.428
Waste Quantity: 10
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: EASTBAY MUNICIPAL UTILITY DIST
Address: 2201 LARKEY LN
Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 945960000
EPA ID: CAC002470063

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EASTBAY MUNICIPAL UTILITY DIST (Continued)

S112919808

Inactive Date: 03/18/2003
Create Date: 03/28/2002
Last Act Date: 03/28/2002
Mailing Name: Not reported
Mailing Address: PO BOX 24055 MS 704
Mailing Address 2: Not reported
Mailing City,State,Zip: OAKLAND, CA 946231055
Owner Name: EASTBAY MUNICIPAL UTIL DIST
Owner Address: PO BOX 24055 MS 704
Owner Address 2: Not reported
Owner City,State,Zip: OAKLAND, CA 946231055
Contact Name: SAFA TOMA
Contact Address: PO BOX 24055 MS 794
Contact Address 2: Not reported
City,State,Zip: OAKLAND, CA 946231055

A12 **WALNUT CREEK PUMPING PLANT**
Target **2201 LARKEY LN**
Property **WALNUT CREEK, CA 94596**

HIST UST **U001598955**
WDS **N/A**

Site 12 of 17 in cluster A

Actual:
304 ft.

HIST UST:
Name: WALNUT CREEK PUMPING PLANT
Address: 2201 LARKEY LN
City,State,Zip: WALNUT CREEK, CA 94596
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000034535
Facility Type: Gas Station
Other Type: Not reported
Contact Name: E.V. MATHEWS, EQUIPMENT SUPERV
Telephone: 4158353000
Owner Name: EAST BAY MUNICIPAL UTILITY DIS
Owner Address: 2130 ADELIN STREET
Owner City,St,Zip: OAKLAND, CA 94607
Total Tanks: 0001

Tank Num: 001
Container Num: 2037-PP
Year Installed: Not reported
Tank Capacity: 00000055
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

WDS:
Name: WALNUT CREEK FILTER PLANT
Address: 2201 LARKEY LN
City: WALNUT CREEK
Facility ID: San Francisco Bay 071071001
Facility Type: Municipal/Domestic - Facility that treats sewage or a mixture of predominantly sewage and other waste from districts, municipalities, communities, hospitals, schools, and publicly or privately owned systems (excluding individual subsurface leaching systems disposing of

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WALNUT CREEK PUMPING PLANT (Continued)

U001598955

less than 1,000 gallons per day).

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAG382001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 2

Facility Telephone: 5102871663

Facility Contact: DENNIS MECHAM

Agency Name: EAST BAY MUNICIPAL UTILITY DIS

Agency Address: PO BOX 24055 (MS #704)

Agency City,St,Zip: OAKLAND 94623

Agency Contact: Cynthia Adkisson

Agency Telephone: 5102871627

Agency Type: City

SIC Code: 4941

SIC Code 2: Not reported

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Primary Waste: FILBRI

Waste Type2: Not reported

Waste2: Filter Backwash Brine Waters

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 4

Baseline Flow: 0

Reclamation: No reclamation requirements associated with this facility.

POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.

Treat To Water: 0

Complexity: Not reported

A13 EAST BAY MUNICIPAL UTILITY DIST
Target 2201 LARKEY LANE
Property WALNUT CREEK, CA 94596

EMI S103642674
HWTS N/A

Site 13 of 17 in cluster A

**Actual:
 304 ft.**

EMI:
 Name: EAST BAY MUNICIPAL UTILITY DIS
 Address: 2201 LARKEY LANE
 City,State,Zip: WALNUT CREEK, CA 945960000
 Year: 2002
 County Code: 7
 Air Basin: SF
 Facility ID: 13724
 Air District Name: BA
 SIC Code: 9121
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S103642674

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 and Smllr Tons/Yr:0

Name: EAST BAY MUNICIPAL UTILITY DIS
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 945960000
Year: 2003
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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 and Smllr Tons/Yr:0

Name: EAST BAY MUNICIPAL UTILITY DIS
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 945960000
Year: 2004
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: 0.03
Reactive Organic Gases Tons/Yr: 0.025101
Carbon Monoxide Emissions Tons/Yr: 0.083
NOX - Oxides of Nitrogen Tons/Yr: 0.38
SOX - Oxides of Sulphur Tons/Yr: 0.006
Particulate Matter Tons/Yr: 0.027
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.026352

Name: EAST BAY MUNICIPAL UTILITY DIS
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 945960000
Year: 2005
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
Air District Name: BAY AREA AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S103642674

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .03
Reactive Organic Gases Tons/Yr: .025101
Carbon Monoxide Emissions Tons/Yr: .083
NOX - Oxides of Nitrogen Tons/Yr: .38
SOX - Oxides of Sulphur Tons/Yr: .006
Particulate Matter Tons/Yr: .027
Part. Matter 10 Micrometers and Smlr Tons/Yr:.026352

Name: EAST BAY MUNICIPAL UTILITY DIS
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 945960000
Year: 2006
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: .046
Reactive Organic Gases Tons/Yr: .0384882
Carbon Monoxide Emissions Tons/Yr: .128
NOX - Oxides of Nitrogen Tons/Yr: .589
SOX - Oxides of Sulphur Tons/Yr: .009
Particulate Matter Tons/Yr: .042
Part. Matter 10 Micrometers and Smlr Tons/Yr:.040992

Name: EAST BAY MUNICIPAL UTILITY DIS
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 945960000
Year: 2007
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: .031
Reactive Organic Gases Tons/Yr: .0259377
Carbon Monoxide Emissions Tons/Yr: .262
NOX - Oxides of Nitrogen Tons/Yr: .213
SOX - Oxides of Sulphur Tons/Yr: .005
Particulate Matter Tons/Yr: .012
Part. Matter 10 Micrometers and Smlr Tons/Yr:.011712

Name: EAST BAY MUNICIPAL UTILITY DIS
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Year: 2008
County Code: 7
Air Basin: SF
Facility ID: 13724

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S103642674

Air District Name: BA
SIC Code: 9121
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: .032
Reactive Organic Gases Tons/Yr: .0267744
Carbon Monoxide Emissions Tons/Yr: .262
NOX - Oxides of Nitrogen Tons/Yr: .213
SOX - Oxides of Sulphur Tons/Yr: .005
Particulate Matter Tons/Yr: .012
Part. Matter 10 Micrometers and Smlr Tons/Yr: .011712

Name: EAST BAY MUNICIPAL UTILITY DIS
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Year: 2009
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: 2.1999999999999999E-2
Reactive Organic Gases Tons/Yr: 1.8407400000000001E-2
Carbon Monoxide Emissions Tons/Yr: 0.18099999999999999
NOX - Oxides of Nitrogen Tons/Yr: 0.14699999999999999
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 9.2213114754098307E-3
Part. Matter 10 Micrometers and Smlr Tons/Yr: 8.9999999999999993E-3

Name: EAST BAY MUNICIPAL UTILITY DIS
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Year: 2010
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: 2.1999999999999999E-2
Reactive Organic Gases Tons/Yr: 1.8407400000000001E-2
Carbon Monoxide Emissions Tons/Yr: 0.18099999999999999
NOX - Oxides of Nitrogen Tons/Yr: 0.14699999999999999
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 9.2213114754098307E-3
Part. Matter 10 Micrometers and Smlr Tons/Yr: 8.9999999999999993E-3

Name: EAST BAY MUNICIPAL UTILITY DIS
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Year: 2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S103642674

County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: 0.016
Reactive Organic Gases Tons/Yr: 0.0133872
Carbon Monoxide Emissions Tons/Yr: 0.134
NOX - Oxides of Nitrogen Tons/Yr: 0.109
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: EAST BAY MUNICIPAL UTILITY DIS
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Year: 2012
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: 0.016
Reactive Organic Gases Tons/Yr: 0.0133872
Carbon Monoxide Emissions Tons/Yr: 0.134
NOX - Oxides of Nitrogen Tons/Yr: 0.109
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.0061475409836
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.006

Name: EAST BAY MUNICIPAL UTILITY DIS
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Year: 2013
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: 0.013
Reactive Organic Gases Tons/Yr: 0.0108771
Carbon Monoxide Emissions Tons/Yr: 0.106
NOX - Oxides of Nitrogen Tons/Yr: 0.086
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.005
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.005

Name: EAST BAY MUNICIPAL UTILITY DIST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S103642674

Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Year: 2014
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: 0.012712835
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0.105841219
NOX - Oxides of Nitrogen Tons/Yr: 0.085970328
SOX - Oxides of Sulphur Tons/Yr: 6.3619e-005
Particulate Matter Tons/Yr: 0.005198193
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.004990265

Name: EAST BAY MUNICIPAL UTILITY DIST
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Year: 2015
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: 0.003911643
Reactive Organic Gases Tons/Yr: 0.003831356
Carbon Monoxide Emissions Tons/Yr: 0.03256652
NOX - Oxides of Nitrogen Tons/Yr: 0.02645241
SOX - Oxides of Sulphur Tons/Yr: 1.9575e-005
Particulate Matter Tons/Yr: 0.000601695
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.000577627

Name: EAST BAY MUNICIPAL UTILITY DIST
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Year: 2016
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: 0.003911643
Reactive Organic Gases Tons/Yr: 0.0034363783755
Carbon Monoxide Emissions Tons/Yr: 0.032566522
NOX - Oxides of Nitrogen Tons/Yr: 0.026452407
SOX - Oxides of Sulphur Tons/Yr: 1.9575e-005
Particulate Matter Tons/Yr: 0.000601695

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S103642674

Part. Matter 10 Micrometers and Smlr Tons/Yr:0.000577627

Name: EAST BAY MUNICIPAL UTILITY DIST
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Year: 2018
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: 0.003910776
Reactive Organic Gases Tons/Yr: 0.003435616716
Carbon Monoxide Emissions Tons/Yr: 0.03255788
NOX - Oxides of Nitrogen Tons/Yr: 0.026429338
SOX - Oxides of Sulphur Tons/Yr: 2.1029e-005
Particulate Matter Tons/Yr: 0.0014797283702
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.00147085

Name: EAST BAY MUNICIPAL UTILITY DIST
Address: 2201 LARKEY LANE
City,State,Zip: WALNUT CREEK, CA 94596
Year: 2019
County Code: 7
Air Basin: SF
Facility ID: 13724
Air District Name: BA
SIC Code: 9121
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: 0.003830339
Reactive Organic Gases Tons/Yr: 0.0033649528115
Carbon Monoxide Emissions Tons/Yr: 0.03255788
NOX - Oxides of Nitrogen Tons/Yr: 0.026429338
SOX - Oxides of Sulphur Tons/Yr: 2.1029e-005
Particulate Matter Tons/Yr: 0.001532135
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.00147085

HWTS:

Name: EAST BAY MUNICIPAL UTILITY DISTRICT
Address: 2201 LARKEY LN
Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 94597
EPA ID: CAC003061127
Inactive Date: 06/23/2020
Create Date: 03/24/2020
Last Act Date: 06/24/2020
Mailing Name: Not reported
Mailing Address: 375 11TH ST
Mailing Address 2: MS 704
Mailing City,State,Zip: OAKLAND, CA 94607
Owner Name: EAST BAY MUNICIPAL UTILITY DISTRICT
Owner Address: 375 11TH ST

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EAST BAY MUNICIPAL UTILITY DIST (Continued)

S103642674

Owner Address 2: MS 704
 Owner City,State,Zip: OAKLAND, CA 94607
 Contact Name: GOPAL NAIR
 Contact Address: 375 11TH ST
 Contact Address 2: MS 704
 City,State,Zip: OAKLAND, CA 94607

NAICS:
 EPA ID: CAC003061127
 Create Date: 2020-03-24 09:06:40.550
 NAICS Code: 221310
 NAICS Description: Water Supply and Irrigation Systems
 Issued EPA ID Date: 2020-03-24 09:06:40.55000
 Inactive Date: 2020-06-23 09:06:40.55000
 Facility Name: EAST BAY MUNICIPAL UTILITY DISTRICT
 Facility Address: 2201 LARKEY LN
 Facility Address 2: Not reported
 Facility City: WALNUT CREEK
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 94597

A14 **WALNUT CREEK WATER TRT PLANT**
Target **2201 LARKEY LN**
Property **WALNUT CREEK, CA 94597**

CIWQS **S121689977**
N/A

Site 14 of 17 in cluster A

Actual:
304 ft.

CIWQS:
 Name: WALNUT CREEK WATER TRT PLANT
 Address: 2201 LARKEY LN
 City,State,Zip: WALNUT CREEK, CA 94597
 Agency: East Bay Municipal Utility District CONSTW
 Agency Address: PO Box 24055, Oakland, CA 94623
 Place/Project Type: Construction - Utility
 SIC/NAICS: Not reported
 Region: 2
 Program: CONSTW
 Regulatory Measure Status: Terminated
 Regulatory Measure Type: Storm water construction
 Order Number: 99-08DW
 WDID: 2 07C314936
 NPDES Number: CAS000002
 Adoption Date: Not reported
 Effective Date: 01/29/2001
 Termination Date: 10/13/2006
 Expiration/Review Date: Not reported
 Design Flow: Not reported
 Major/Minor: Not reported
 Complexity: Not reported
 TTWQ: Not reported
 Enforcement Actions within 5 years: 0
 Violations within 5 years: 0
 Latitude: 37.912901
 Longitude: -122.080287

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A15 **WALNUT CREEK FILTER PLANT**
Target **2201 LARKEY LANE**
Property **WALNUT CREEK, CA 94596**

RCRA-VSQQ **1008194534**
ICIS **CAL000137583**
FINDS
ECHO

Site 15 of 17 in cluster A

Actual:
304 ft.

RCRA-VSQQ:		20200303
Date Form Received by Agency:		20200303
Handler Name:	EBMUD-WCTP	
Handler Address:		2201 LARKEY LN
Handler City,State,Zip:		WALNUT CREEK, CA 94597-2274
EPA ID:		CAL000137583
Contact Name:		DREW LERER
Contact Address:		11TH STREET
Contact City,State,Zip:		OAKLAND, CA 94607
Contact Telephone:		510-287-0247
Contact Fax:		Not reported
Contact Email:		DREW.LERER@EBMUD.COM
Contact Title:		SENIOR EH&S
EPA Region:		09
Land Type:		Municipal
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2019
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		11TH STREET
Mailing City,State,Zip:		OAKLAND, CA 94607
Owner Name:		EBMUD
Owner Type:		Municipal
Operator Name:		ROBERTO CORTEZ
Operator Type:		Municipal
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRR Permit Baseline:		Not on the Baseline
2018 GPRR Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALNUT CREEK FILTER PLANT (Continued)

1008194534

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201013
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2019

[Click Here for Biennial Reporting System Data:](#)

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Year: 2013

[Click Here for Biennial Reporting System Data:](#)

Year: 2005

[Click Here for Biennial Reporting System Data:](#)

Year: 2003

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALNUT CREEK FILTER PLANT (Continued)

1008194534

Waste Description: ARSENIC
Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: EAST BAY MUNICIPAL UTILITY DISTRICT
Legal Status: District
Date Became Current: 19670101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EBMUD
Legal Status: Municipal
Date Became Current: 19670101
Date Ended Current: Not reported
Owner/Operator Address: 375 11TH STREET
Owner/Operator City,State,Zip: OAKLAND, CA 94607
Owner/Operator Telephone: 510-287-0247
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DREW.LERER@EBMUD.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: EAST BAY MUNICIPAL UTILITY
Legal Status: District
Date Became Current: 19600101
Date Ended Current: Not reported
Owner/Operator Address: 375 11TH STREET, MS 704
Owner/Operator City,State,Zip: OAKLAND, CA 94507
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EAST BAY MUNICIPAL UTILITY
Legal Status: District
Date Became Current: 19600101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EAST BAY MUNICIPAL UTILITY
Legal Status: District

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALNUT CREEK FILTER PLANT (Continued)

1008194534

Date Became Current:	19600101
Date Ended Current:	Not reported
Owner/Operator Address:	375 11TH STREET, MS 704
Owner/Operator City,State,Zip:	OAKLAND, CA 94507
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EAST BAY MUNICIPAL UTILITY DISTRICT
Legal Status:	Municipal
Date Became Current:	19750101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERTO CORTEZ
Legal Status:	Municipal
Date Became Current:	20141101
Date Ended Current:	Not reported
Owner/Operator Address:	375 11TH STREET
Owner/Operator City,State,Zip:	OAKLAND, CA 94607
Owner/Operator Telephone:	510-287-1146
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ROBERTO.CORTEZ@EBMUD.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EAST BAY MUNICIPAL UTILITY DISTRICT
Legal Status:	Municipal
Date Became Current:	19750101
Date Ended Current:	Not reported
Owner/Operator Address:	375 11TH ST
Owner/Operator City,State,Zip:	WALNUT CREEK, CA 94596
Owner/Operator Telephone:	510-287-1641
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EAST BAY MUNICIPAL UTILITY DISTRICT
Legal Status:	District
Date Became Current:	19670101
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 24055 MS #704
Owner/Operator City,State,Zip:	OAKLAND, CA 94623
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALNUT CREEK FILTER PLANT (Continued)

1008194534

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EAST BAY MUNICIPAL UTILITY
Legal Status:	District
Date Became Current:	19600101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERTO CORTEZ
Legal Status:	Municipal
Date Became Current:	20141101
Date Ended Current:	Not reported
Owner/Operator Address:	375 11TH STREET
Owner/Operator City,State,Zip:	OAKLAND, CA 94607
Owner/Operator Telephone:	510-287-1146
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ROBERTO.CORTEZ@EBMUD.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EBMUD
Legal Status:	Municipal
Date Became Current:	19670101
Date Ended Current:	Not reported
Owner/Operator Address:	375 11TH STREET
Owner/Operator City,State,Zip:	OAKLAND, CA 94607
Owner/Operator Telephone:	510-287-0247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	DREW.LERER@EBMUD.COM

Historic Generators:

Receive Date:	20040227
Handler Name:	EBMUD WALNUT CREEK WATER TREATMENT PLANT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20140301
Handler Name:	EBMUD WALNUT CREEK WATER TREATMENT PLANT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALNUT CREEK FILTER PLANT (Continued)

1008194534

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180406
Handler Name: EBMUD-WCTP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200303
Handler Name: EBMUD-WCTP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20060401
Handler Name: WALNUT CREEK WATER TREATMENT PLANT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060401
Handler Name: WALNUT CREEK WATER TREATMENT PLANT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALNUT CREEK FILTER PLANT (Continued)

1008194534

List of NAICS Codes and Descriptions:

NAICS Code: 22131
NAICS Description: WATER SUPPLY AND IRRIGATION SYSTEMS

NAICS Code: 221310
NAICS Description: WATER SUPPLY AND IRRIGATION SYSTEMS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

ICIS:

Enforcement Action ID: CA-N00002170
FRS ID: 110055698400
Action Name: WALNUT CREEK FILTER PLANT (Permit CA0038270) Cwa Penalty Ao
Facility Name: WALNUT CREEK FILTER PLANT
Facility Address: 2201 LARKEY LANE
WALNUT CREEK, CA 94596

Enforcement Action Type: State CWA Penalty AO
Facility County: CONTRA COSTA
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAPO
Facility SIC Code: 4941
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.912472
Longitude in Decimal Degrees: -122.080278
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0038270
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-2012-1092
FRS ID: 110055698400
Action Name: EBMUD Walnut Creek WTP - EPL
Facility Name: WALNUT CREEK FILTER PLANT
Facility Address: 2201 LARKEY LANE
WALNUT CREEK, CA 94596

Enforcement Action Type: State CWA Penalty AO
Facility County: CONTRA COSTA
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAPO
Facility SIC Code: 4941
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.912472
Longitude in Decimal Degrees: -122.080278
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0038270
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WALNUT CREEK FILTER PLANT (Continued)

1008194534

FINDS:

Registry ID: 110055698400

Click Here:

Environmental Interest/Information System:

AIR EMISSIONS CLASSIFICATION UNKNOWN
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
 US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS WASTE BIENNIAL REPORTER
STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1008194534
 Registry ID: 110055698400
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110055698400>
 Name: EBMUD WALNUT CREEK TREATMENT PLANT
 Address: 2201 LARKEY LN
 City,State,Zip: WALNUT CREEK, CA 94596

A16 **EBMUD LARKEY RESERVOIR**
Target **2201 LARKEY LN**
Property **WALNUT CREEK, CA 94596**

HAZNET **S113172381**
HWTS **N/A**

Site 16 of 17 in cluster A

Actual:
304 ft.

HAZNET:
 Name: EBMUD LARKEY RESERVOIR
 Address: 2201 LARKEY LN
 Address 2: Not reported
 City,State,Zip: WALNUT CREEK, CA 945962274
 Contact: --
 Telephone: --
 Mailing Name: Not reported
 Mailing Address: --

 Year: 1995
 Gepaid: CAP600928952
 TSD EPA ID: CAT000646117
 CA Waste Code: 181 - Other inorganic solid waste
 Disposal Method: D80 - Disposal, Land Fill
 Tons: 23.5984

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD LARKEY RESERVOIR (Continued)

S113172381

Year: 1995
Gepaid: CAP600928952
TSD EPA ID: CAT000646117
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: T01 - Treatment, Tank
Tons: 5.0568

Additional Info:

Year: 1995
Gen EPA ID: CAP600928952

Shipment Date: 19951204
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951215
Manifest ID: 95144147
Trans EPA ID: CA0000061275
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAT000646117
Trans Name: Not reported
TSD Alt EPA ID: Not reported
TSD Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: Not reported
Meth Code: T01 - Treatment, Tank
Quantity Tons: 5.0568
Waste Quantity: 6
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951019
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951020
Manifest ID: 95684859
Trans EPA ID: CA0000061275
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAT000646117
Trans Name: Not reported
TSD Alt EPA ID: Not reported
TSD Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 11.7992
Waste Quantity: 14
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD LARKEY RESERVOIR (Continued)

S113172381

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951018
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951018
Manifest ID: 95684858
Trans EPA ID: CA0000061275
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 11.7992
Waste Quantity: 14
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: EBMUD LARKEY RESERVOIR
Address: 2201 LARKEY LN
Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 945962274
EPA ID: CAP600928952
Inactive Date: 12/21/2000
Create Date: 05/13/1998
Last Act Date: 07/06/2010
Mailing Name: Not reported
Mailing Address: --
Mailing Address 2: Not reported
Mailing City,State,Zip: --, 99 00000000
Owner Name: --
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: --
Contact Address: --
Contact Address 2: Not reported
City,State,Zip: --, 99 --

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

A17 **EBMUD WALNUT CREEK TREATMENT PLANT**
Target **2201 LARKEY LN**
Property **WALNUT CREEK, CA**

AST **A100345708**
N/A

Site 17 of 17 in cluster A

Actual:
304 ft.

AST:

Name: EBMUD WALNUT CREEK TREATMENT PLANT
Address: 2201 LARKEY LN
City/Zip: WALNUT CREEK,94597
Certified Unified Program Agencies: Not reported
Owner: EAST BAY MUNICIPAL UTILITY DISTRICT
Total Gallons: Not reported
CERSID: 10006537
Facility ID: 07-000-727854
Business Name: East Bay Municipal Utility District
Phone: 9259436601
Fax: Not reported
Mailing Address: PO BOX 24055 (MS #704)
Mailing Address City: Oakland
Mailing Address State: CA
Mailing Address Zip Code: Not reported
Operator Name: EAST BAY MUNICIPAL UTILITY DST
Operator Phone: 5102870327
Owner Phone: 5102870345
Owner Mail Address: PO BOX 24055 (MS #704)
Owner State: CA
Owner Zip Code: 94623
Owner Country: United States
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: CAL000137583

Name: EBMUD WALNUT CREEK TREATMENT PLANT
Address: 2201 LARKEY LN
City/Zip: WALNUT CREEK,
Certified Unified Program Agencies: Contra Costa
Owner: Not reported
Total Gallons: 2,600
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported
Fax: Not reported
Mailing Address: Not reported
Mailing Address City: Not reported
Mailing Address State: Not reported
Mailing Address Zip Code: Not reported
Operator Name: Not reported
Operator Phone: Not reported
Owner Phone: Not reported
Owner Mail Address: Not reported
Owner State: Not reported
Owner Zip Code: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EBMUD WALNUT CREEK TREATMENT PLANT (Continued)

A100345708

Owner Country: Not reported
 Property Owner Name: Not reported
 Property Owner Phone: Not reported
 Property Owner Mailing Address: Not reported
 Property Owner City: Not reported
 Property Owner Stat : Not reported
 Property Owner Zip Code: Not reported
 Property Owner Country: Not reported
 EPAID: Not reported

B18
East
< 1/8
0.016 mi.
86 ft.

HEATHER WEISS
1015 ALFRED AVE.
WALNUT CREEK, CA 94597

RCRA NonGen / NLR

1026165288
CAC003065306

Site 1 of 3 in cluster B

Relative:
Lower

RCRA NonGen / NLR:

Actual:
302 ft.

Date Form Received by Agency:	20200724
Handler Name:	HEATHER WEISS
Handler Address:	1015 ALFRED AVE.
Handler City,State,Zip:	WALNUT CREEK, CA 94597
EPA ID:	CAC003076243
Contact Name:	HEATHER WEISS
Contact Address:	1015 ALFRED AVE.
Contact City,State,Zip:	WALNUT CREEK, CA 94597
Contact Telephone:	408-624-7433
Contact Fax:	Not reported
Contact Email:	GISELLE.ESPIRITU@SYNERGYCOMPANIES.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1015 ALFRED AVE.
Mailing City,State,Zip:	WALNUT CREEK, CA 94597
Owner Name:	HEATHER WEISS
Owner Type:	Other
Operator Name:	HEATHER WEISS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEATHER WEISS (Continued)

1026165288

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200814
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HEATHER WEISS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1015 ALFRED AVE.
Owner/Operator City,State,Zip:	WALNUT CREEK, CA 94597
Owner/Operator Telephone:	408-624-7433
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEATHER WEISS (Continued)

1026165288

Owner/Operator Name: HEATHER WEISS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1015 ALFRED AVE.
Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
Owner/Operator Telephone: 408-624-7433
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200724
Handler Name: HEATHER WEISS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Date Form Received by Agency: 20200502
Handler Name: HEATHER WEISS
Handler Address: 1015 ALFRED AVE.
Handler City,State,Zip: WALNUT CREEK, CA 94597
EPA ID: CAC003065306
Contact Name: HEATHER WEISS
Contact Address: 1015 ALFRED AVE.
Contact City,State,Zip: WALNUT CREEK, CA 94597
Contact Telephone: 408-624-7433
Contact Fax: Not reported
Contact Email: LILIAN.RAMOS@SYNERGYCOMPANIES.ORG
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HEATHER WEISS (Continued)

1026165288

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1015 ALFRED AVE.
Mailing City, State, Zip:	WALNUT CREEK, CA 94597
Owner Name:	HEATHER WEISS
Owner Type:	Other
Operator Name:	HEATHER WEISS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200515
Recognized Trader-Importer:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEATHER WEISS (Continued)

1026165288

Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: HEATHER WEISS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1015 ALFRED AVE.
Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
Owner/Operator Telephone: 408-624-7433
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HEATHER WEISS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1015 ALFRED AVE.
Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
Owner/Operator Telephone: 408-624-7433
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200502
Handler Name: HEATHER WEISS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HEATHER WEISS (Continued)

1026165288

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

B19
East
< 1/8
0.045 mi.
235 ft.

BIRDENE KEDDINGTON
1034 ALFRED AVENUE
WALNUT CREEK, CA 94597

RCRA NonGen / NLR

1024772969
CAC002992886

Site 2 of 3 in cluster B

Relative:
Lower
Actual:
299 ft.

RCRA NonGen / NLR:	20181213
Date Form Received by Agency:	20181213
Handler Name:	BIRDENE KEDDINGTON
Handler Address:	1034 ALFRED AVENUE
Handler City,State,Zip:	WALNUT CREEK, CA 94597
EPA ID:	CAC002992886
Contact Name:	BIRDENE KEDDINGTON
Contact Address:	1034 ALFRED AVENUE
Contact City,State,Zip:	WALNUT CREEK, CA 94597
Contact Telephone:	925-495-9995
Contact Fax:	Not reported
Contact Email:	ZACHARY@A1REMEDICATION.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1034 ALFRED AVENUE
Mailing City,State,Zip:	WALNUT CREEK, CA 94597
Owner Name:	9254959995 RODRIGUEZ
Owner Type:	Other
Operator Name:	BIRDENE KEDDINGTON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BIRDENE KEDDINGTON (Continued)

1024772969

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181220
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BIRDENE KEDDINGTON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1034 ALFRED AVENUE
Owner/Operator City,State,Zip:	WALNUT CREEK, CA 94597
Owner/Operator Telephone:	925-495-9995
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	9254959995 RODRIGUEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1034 ALFRED AVENUE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIRDENE KEDDINGTON (Continued)

1024772969

Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
Owner/Operator Telephone: 925-495-9995
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20181213
Handler Name: BIRDENE KEDDINGTON
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

B20
East
< 1/8
0.045 mi.
235 ft.

BIRDENE KEDDINGTON
1034 ALFRED AVE
WALNUT CREEK, CA 94597

RCRA NonGen / NLR **1024762989**
CAC002982851

Site 3 of 3 in cluster B

Relative:
Lower
Actual:
299 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20181001
Handler Name: BIRDENE KEDDINGTON
Handler Address: 1034 ALFRED AVE
Handler City,State,Zip: WALNUT CREEK, CA 94597
EPA ID: CAC002982851
Contact Name: BIRDENE KEDDINGTON
Contact Address: 1034 ALFRED AVE
Contact City,State,Zip: WALNUT CREEK, CA 94597
Contact Telephone: 925-933-0331
Contact Fax: Not reported
Contact Email: CLAUDIA.MIRANDA@ATIRESTORATION.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIRDENE KEDDINGTON (Continued)

1024762989

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1034 ALFRED AVE
Mailing City,State,Zip:	WALNUT CREEK, CA 94597
Owner Name:	BIRDENE KEDDINGTON
Owner Type:	Other
Operator Name:	BIRDENE KEDDINGTON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIRDENE KEDDINGTON (Continued)

1024762989

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: BIRDENE KEDDINGTON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1034 ALFRED AVE
Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
Owner/Operator Telephone: 925-933-0331
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BIRDENE KEDDINGTON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1034 ALFRED AVE
Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
Owner/Operator Telephone: 925-933-0331
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20181001
Handler Name: BIRDENE KEDDINGTON
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BIRDENE KEDDINGTON (Continued)

1024762989

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

21
ESE
 < 1/8
 0.046 mi.
 241 ft.

Laurie Delfosse
947 Alfred Avenue
Walnut Creek, CA 94597

RCRA NonGen / NLR

1025833750
CAC003013328

Relative:
Lower
Actual:
300 ft.

RCRA NonGen / NLR:		20190503
Date Form Received by Agency:		
Handler Name:	Laurie Delfosse	
Handler Address:		947 Alfred Avenue
Handler City,State,Zip:		Walnut Creek, CA 94597
EPA ID:		CAC003013328
Contact Name:		Laurie Delfosse
Contact Address:		947 Alfred Avenue
Contact City,State,Zip:		Walnut Creek, CA 94597
Contact Telephone:		925-457-4020
Contact Fax:		Not reported
Contact Email:		ALEJANDRAMALDONADO@ALLIANCE-ENVIRO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		947 Alfred Avenue
Mailing City,State,Zip:		Walnut Creek, CA 94597
Owner Name:		Laurie Delfosse
Owner Type:		Other
Operator Name:		Laurie Delfosse
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

Laurie Delfosse (Continued)

1025833750

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LAURIE DELFOSSE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	947 ALFRED AVENUE
Owner/Operator City,State,Zip:	WALNUT CREEK, CA 94597
Owner/Operator Telephone:	925-457-4020
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LAURIE DELFOSSE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	947 ALFRED AVENUE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAURIE DELFOSSE (Continued)

1025833750

Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
Owner/Operator Telephone: 925-457-4020
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190503
Handler Name: LAURIE DELFOSSE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

22
ESE
< 1/8
0.120 mi.
633 ft.

CHRIS RIDENOUR
946 SAUSA DR
WALNUT CREEK, CA 94597

RCRA NonGen / NLR 1024750462
CAC002970252

Relative:
Higher
Actual:
318 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20180710
Handler Name: CHRIS RIDENOUR
Handler Address: 946 SAUSA DR
Handler City,State,Zip: WALNUT CREEK, CA 94597
EPA ID: CAC002970252
Contact Name: CHRIS RIDENOUR
Contact Address: 946 SAUSA DR
Contact City,State,Zip: WALNUT CREEK, CA 94597
Contact Telephone: 925-550-9497
Contact Fax: Not reported
Contact Email: ELIZABETH.GARCIA@SYNERGYCOMPANIES.ORG
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHRIS RIDENOUR (Continued)

1024750462

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	946 SAUSA DR
Mailing City,State,Zip:	WALNUT CREEK, CA 94597
Owner Name:	CHRIS RIDENOUR
Owner Type:	Other
Operator Name:	CHRIS RIDENOUR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHRIS RIDENOUR (Continued)

1024750462

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: CHRIS RIDENOUR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 946 SAUSA DR
Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
Owner/Operator Telephone: 925-550-9497
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CHRIS RIDENOUR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 946 SAUSA DR
Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
Owner/Operator Telephone: 925-550-9497
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180710
Handler Name: CHRIS RIDENOUR
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHRIS RIDENOUR (Continued)

1024750462

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

23
SSE
1/8-1/4
0.126 mi.
667 ft.

CARLOS & SIROUN GARCIA
137 ROSEMONT CT.
WALNUT CREEK, CA 94597

RCRA NonGen / NLR

1025837864
CAC003017460

Relative:
Higher
Actual:
535 ft.

RCRA NonGen / NLR:	
Date Form Received by Agency:	20190531
Handler Name:	CARLOS & SIROUN GARCIA
Handler Address:	137 ROSEMONT CT.
Handler City,State,Zip:	WALNUT CREEK, CA 94597
EPA ID:	CAC003017460
Contact Name:	CARLOS & SIROUN GARCIA
Contact Address:	137 ROSEMONT CT.
Contact City,State,Zip:	WALNUT CREEK, CA 94597
Contact Telephone:	626-808-6698
Contact Fax:	Not reported
Contact Email:	CHRISTINA@EISENENVIRONMENTAL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	137 ROSEMONT CT.
Mailing City,State,Zip:	WALNUT CREEK, CA 94597
Owner Name:	CARLOS & SIROUN GARCIA
Owner Type:	Other
Operator Name:	CARLOS & SIROUN GARCIA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CARLOS & SIROUN GARCIA (Continued)

1025837864

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLOS & SIROUN GARCIA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	137 ROSEMONT CT.
Owner/Operator City,State,Zip:	WALNUT CREEK, CA 94597
Owner/Operator Telephone:	626-808-6698
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLOS & SIROUN GARCIA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	137 ROSEMONT CT.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARLOS & SIROUN GARCIA (Continued)

1025837864

Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
Owner/Operator Telephone: 626-808-6698
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190531
Handler Name: CARLOS & SIROUN GARCIA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

24
East
1/8-1/4
0.136 mi.
720 ft.

MICHELLE SU
980 LEROY LN
WALNUT CREEK, CA 94597

RCRA NonGen / NLR **1026041513**
CAC003047649

Relative:
Lower
Actual:
223 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20191217
Handler Name: MICHELLE SU
Handler Address: 980 LEROY LN
Handler City,State,Zip: WALNUT CREEK, CA 94597-2914
EPA ID: CAC003047649
Contact Name: MICHELLE SU
Contact Address: 980 LEROY LN
Contact City,State,Zip: WALNUT CREEK, CA 94597-2914
Contact Telephone: 925-817-0359
Contact Fax: Not reported
Contact Email: MICHELLE.SU@SBCGLOBAL.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MICHELLE SU (Continued)

1026041513

Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	980 LEROY LN
Mailing City,State,Zip:	WALNUT CREEK, CA 94597-2914
Owner Name:	MICHELLE SU
Owner Type:	Other
Operator Name:	MICHELLE SU
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHELLE SU (Continued)

1026041513

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: MICHELLE SU
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 980 LEROY LN
Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597-2914
Owner/Operator Telephone: 925-817-0359
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MICHELLE SU
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 980 LEROY LN
Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597-2914
Owner/Operator Telephone: 925-817-0359
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20191217
Handler Name: MICHELLE SU
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MICHELLE SU (Continued)

1026041513

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

25
NE
1/8-1/4
0.172 mi.
909 ft.

CHAD HARTMAN
71 ALEMAN CT.
WALNUT CREEK, CA 94597

RCRA NonGen / NLR

1026484111
CAC003090202

Relative:
Lower
Actual:
193 ft.

RCRA NonGen / NLR:	
Date Form Received by Agency:	20201027
Handler Name:	CHAD HARTMAN
Handler Address:	71 ALEMAN CT.
Handler City,State,Zip:	WALNUT CREEK, CA 94597
EPA ID:	CAC003090202
Contact Name:	CHAD HARTMAN
Contact Address:	71 ALEMAN CT.
Contact City,State,Zip:	WALNUT CREEK, CA 94597
Contact Telephone:	415-672-9719
Contact Fax:	Not reported
Contact Email:	HARTMANC@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	71 ALEMAN CT.
Mailing City,State,Zip:	WALNUT CREEK, CA 94597
Owner Name:	CHAD HARTMAN
Owner Type:	Other
Operator Name:	CHAD HARTMAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHAD HARTMAN (Continued)

1026484111

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201106
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHAD HARTMAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	71 ALEMEN CT.
Owner/Operator City,State,Zip:	WALNUT CREEK, CA 94597
Owner/Operator Telephone:	415-672-9719
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHAD HARTMAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	71 ALEMEN CT.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHAD HARTMAN (Continued)

1026484111

Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
 Owner/Operator Telephone: 415-672-9719
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20201027
 Handler Name: CHAD HARTMAN
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

26
 SW
 1/8-1/4
 0.218 mi.
 1153 ft.

MARGERY HOWE
1334 SUMMIT ROAD
LAFAYETTE, CA 94549

RCRA NonGen / NLR

1024777521
CAC002997463

Relative:
Higher
Actual:
637 ft.

RCRA NonGen / NLR:
 Date Form Received by Agency: 20190121
 Handler Name: MARGERY HOWE
 Handler Address: 1334 SUMMIT ROAD
 Handler City,State,Zip: LAFAYETTE, CA 94549
 EPA ID: CAC002997463
 Contact Name: MARGERY HOWE
 Contact Address: 1334 SUMMIT ROAD
 Contact City,State,Zip: LAFAYETTE, CA 94549
 Contact Telephone: 925-935-8796
 Contact Fax: Not reported
 Contact Email: MELISA@ENV-REM.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MARGERIE HOWE (Continued)

1024777521

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1334 SUMMIT ROAD
Mailing City,State,Zip:	LAFAYETTE, CA 94549
Owner Name:	MARGERIE HOWE
Owner Type:	Other
Operator Name:	MARGERIE HOWE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190222

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARGERIE HOWE (Continued)

1024777521

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: MARGERIE HOWE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1334 SUMMIT ROAD
Owner/Operator City,State,Zip: LAFAYETTE, CA 94549
Owner/Operator Telephone: 925-935-8796
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MARGERIE HOWE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1334 SUMMIT ROAD
Owner/Operator City,State,Zip: LAFAYETTE, CA 94549
Owner/Operator Telephone: 925-935-8796
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190121
Handler Name: MARGERIE HOWE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MARGERIE HOWE (Continued)

1024777521

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

27
SE
1/8-1/4
0.249 mi.
1317 ft.

PETER BRUSH
140 HILLTOP CRESCENT
WALNUT CREEK, CA 94597

RCRA NonGen / NLR

1026717499
CAC003106037

Relative:
Higher
Actual:
420 ft.

RCRA NonGen / NLR:		20210217
Date Form Received by Agency:		20210217
Handler Name:	PETER BRUSH	
Handler Address:		140 HILLTOP CRESCENT
Handler City,State,Zip:		WALNUT CREEK, CA 94597
EPA ID:		CAC003106037
Contact Name:		PETER BRUSH
Contact Address:		140 HILLTOP CRESCENT
Contact City,State,Zip:		WALNUT CREEK, CA 94597
Contact Telephone:		925-768-3570
Contact Fax:		Not reported
Contact Email:		MARIAE@PWSEI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		140 HILLTOP CRESCENT
Mailing City,State,Zip:		WALNUT CREEK, CA 94597
Owner Name:		PETER BRUSH
Owner Type:		Other
Operator Name:		PETER BRUSH
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PETER BRUSH (Continued)

1026717499

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETER BRUSH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	140 HILLTOP CRESCENT
Owner/Operator City,State,Zip:	WALNUT CREEK, CA 94597
Owner/Operator Telephone:	925-768-3570
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PETER BRUSH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	140 HILLTOP CRESCENT

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PETER BRUSH (Continued)

1026717499

Owner/Operator City,State,Zip: WALNUT CREEK, CA 94597
 Owner/Operator Telephone: 925-768-3570
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210217
 Handler Name: PETER BRUSH
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

28
East
1/2-1
0.873 mi.
4611 ft.

CITY OF WALNUT CREEK CORP YARD - 470 480 490 LAWRE
470, 480, 490 LAWRENCE WAY
WALNUT CREEK, CA 94596

ENVIROSTOR **S115779972**
VCP **N/A**

Relative:
Lower
Actual:
122 ft.

ENVIROSTOR:
 Name: CITY OF WALNUT CREEK CORP YARD - 470 480 490 LAWRENCE WAY
 Address: 470, 480, 490 LAWRENCE WAY
 City,State,Zip: WALNUT CREEK, CA 94596
 Facility ID: 60001969
 Status: Active
 Status Date: 02/06/2014
 Site Code: 201997
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 5
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Parag Shah
 Supervisor: Whitney Smith
 Division Branch: Cleanup Berkeley
 Assembly: 16
 Senate: 07

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF WALNUT CREEK CORP YARD - 470 480 490 LAWRENCE WAY (Continued)

S115779972

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.91463
Longitude: -122.0644
APN: 173121033, 173121036
Past Use: MANUFACTURING - CHEMICALS, RECYCLING - OTHER, UNDERGROUND STORAGE TANKS, WASTE - INDUSTRIAL TREATMENT FACILITY
Potential COC: Benzene Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride n-Butylbenzene sec-Butylbenzene Ethylbenzene Toluene Xylenes
Confirmed COC: Benzene Tetrachloroethylene (PCE TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA sec-Butylbenzene Ethylbenzene Xylenes Toluene TPH-MOTOR OIL Trichloroethylene (TCE n-Butylbenzene Vinyl chloride
Potential Description: OTH, SOIL
Alias Name: 173121033
Alias Type: APN
Alias Name: 173121036
Alias Type: APN
Alias Name: 201997
Alias Type: Project Code (Site Code)
Alias Name: 60001969
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/13/2021
Comments: Not reported
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/15/2021
Comments: Not reported
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/10/2020
Comments: Public comment period did not require changes to the RAW. RAW was approved on 6/10/2020.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/28/2020
Comments: Public comment period from 3/13/2020 to 4/13/2020.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/28/2020
Comments: public comment period from 3/13/2020 to 4/13/2020.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF WALNUT CREEK CORP YARD - 470 480 490 LAWRENCE WAY (Continued)

S115779972

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/11/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 01/22/2020
Comments: The Community Profile summarizes the site history and surrounding community. A community survey was mailed out to 1289 recipients in May 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 05/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/30/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2020
Comments: Annual Cost estimate along with Gantt Chart sent to RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 06/10/2020
Comments: DTSC completed a Statement of Findings and Notice of Determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 04/15/2015
Comments: The VCA was signed on April 9, 2015 by the RP.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF WALNUT CREEK CORP YARD - 470 480 490 LAWRENCE WAY (Continued)

S115779972

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/10/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 12/05/2013
Comments: Two documents have been uploaded requesting for Agency oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/09/2015
Comments: DTSC's Acceptance Letter for both Phase I and Phase II Reports

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/10/2015
Comments: DTSC's Acceptance Letter for both Phase I and Phase II Reports

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/16/2015
Comments: The overall objective of the Site Investigation is to evaluate whether hazardous materials are present at the Site that may pose unacceptable human health and environmental risks in context of future re-use. Future redevelopment of the Site is expected to be commercial in nature.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/20/2016
Comments: Report reviewed and found adequate. Recommendation for additional sampling is accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/04/2016
Comments: Field Work started the last week of December 2015 and ended first week of February 2016.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2022
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2023
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF WALNUT CREEK CORP YARD - 470 480 490 LAWRENCE WAY (Continued)

S115779972

Future Document Type: Land Use Restriction
Future Due Date: 2023
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Name: CITY OF WALNUT CREEK CORP YARD - 470 480 490 LAWRENCE WAY
Address: 470, 480, 490 LAWRENCE WAY
City,State,Zip: WALNUT CREEK, CA 94596
Facility ID: 60001969
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Parag Shah
Supervisor: Whitney Smith
Division Branch: Cleanup Berkeley
Site Code: 201997
Assembly: 16
Senate: 07
Special Programs Code: Not reported
Status: Active
Status Date: 02/06/2014
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.91463 / -122.0644
APN: 173121033, 173121036
Past Use: MANUFACTURING - CHEMICALS, RECYCLING - OTHER, UNDERGROUND STORAGE TANKS, WASTE - INDUSTRIAL TREATMENT FACILITY
Potential COC: 30003, 30022, 30024, 30025, 3002502, 30026, 30027, 30028, 30103, 30104, 30272, 30550, 30593
Confirmed COC: 30003,30022,30024,30025,30026,30104,30272,30593,30550,3002502,30027, 30103,30028
Potential Description: OTH, SOIL
Alias Name: 173121033
Alias Type: APN
Alias Name: 173121036
Alias Type: APN
Alias Name: 201997
Alias Type: Project Code (Site Code)
Alias Name: 60001969
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/13/2021
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF WALNUT CREEK CORP YARD - 470 480 490 LAWRENCE WAY (Continued)

S115779972

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/15/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/10/2020
Comments: Public comment period did not require changes to the RAW. RAW was approved on 6/10/2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/28/2020
Comments: Public comment period from 3/13/2020 to 4/13/2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/28/2020
Comments: public comment period from 3/13/2020 to 4/13/2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/11/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 01/22/2020
Comments: The Community Profile summarizes the site history and surrounding community. A community survey was mailed out to 1289 recipients in May 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 05/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/30/2018
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF WALNUT CREEK CORP YARD - 470 480 490 LAWRENCE WAY (Continued)

S115779972

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2020
Comments: Annual Cost estimate along with Gantt Chart sent to RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 06/10/2020
Comments: DTSC completed a Statement of Findings and Notice of Determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 04/15/2015
Comments: The VCA was signed on April 9, 2015 by the RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/10/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 12/05/2013
Comments: Two documents have been uploaded requesting for Agency oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/09/2015
Comments: DTSC's Acceptance Letter for both Phase I and Phase II Reports

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/10/2015
Comments: DTSC's Acceptance Letter for both Phase I and Phase II Reports

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/16/2015
Comments: The overall objective of the Site Investigation is to evaluate whether hazardous materials are present at the Site that may pose unacceptable human health and environmental risks in context of future re-use. Future redevelopment of the Site is expected to be commercial in nature.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CITY OF WALNUT CREEK CORP YARD - 470 480 490 LAWRENCE WAY (Continued)

S115779972

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Characterization Report
 Completed Date: 06/20/2016
 Comments: Report reviewed and found adequate. Recommendation for additional sampling is accepted.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Fieldwork
 Completed Date: 02/04/2016
 Comments: Field Work started the last week of December 2015 and ended first week of February 2016.

Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Removal Action Completion Report
 Future Due Date: 2022
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Certification
 Future Due Date: 2023
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Land Use Restriction
 Future Due Date: 2023
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

29
East
1/2-1
0.936 mi.
4942 ft.
Relative:
Lower
Actual:
113 ft.

WALNUT CREEK CITY OF
511 LAWRENCE
WALNUT CREEK, CA 94596

ENVIROSTOR **S103177096**
LUST **N/A**
VCP
Cortese
HIST CORTESE
CONTRA COSTA CO. SITE LIST
CERS

ENVIROSTOR:
 Name: CITY OF WALNUT CREEK CORP YARD - 511 LAWRENCE WAY
 Address: 511 LAWRENCE WAY
 City,State,Zip: WALNUT CREEK, CA 94596
 Facility ID: 60002161
 Status: Inactive - Needs Evaluation
 Status Date: 09/07/2018
 Site Code: 202029
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 5
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Parag Shah
 Supervisor: Whitney Smith
 Division Branch: Cleanup Berkeley
 Assembly: , 16

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALNUT CREEK CITY OF (Continued)

S103177096

Senate: , 07
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.91636
Longitude: -122.0637
APN: 173014004
Past Use: AGRICULTURAL - ORCHARD, EQUIPMENT/INSTRUMENT REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, MAINTENANCE / CLEANING, UNDERGROUND STORAGE TANKS
Potential COC: Arsenic Benzene Lead Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-MOTOR OIL Vinyl chloride Acetone Barium and compounds Beryllium and compounds n-Butylbenzene sec-Butylbenzene Chromium III Chromium VI Cobalt Copper and compounds Cumene (isopropylbenzene 1,2-Dichloroethylene (cis Ethylbenzene Mercury and compounds Nickel (soluble salts Naphthalene n-Propylbenzene Vanadium and compounds Xylenes Zinc
Confirmed COC: Arsenic Benzene Lead Tetrachloroethylene (PCE TPH-diesel TPH-gas Acetone Barium and compounds Naphthalene n-Propylbenzene Mercury and compounds sec-Butylbenzene Chromium III Chromium VI Copper and compounds Cumene (isopropylbenzene 1,2-Dichloroethylene (cis Ethylbenzene Vanadium and compounds Xylenes Zinc Nickel (soluble salts TPH-MOTOR OIL n-Butylbenzene Vinyl chloride Beryllium and compounds Cobalt
Potential Description: OTH, SOIL, SV
Alias Name: 173014004
Alias Type: APN
Alias Name: 202029
Alias Type: Project Code (Site Code)
Alias Name: 60002161
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/25/2013
Comments: This Report was submitted on 1/30/2015 during a scoping meeting.
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2025
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2025
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2024
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2024
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Site Characterization Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALNUT CREEK CITY OF (Continued)

S103177096

Future Due Date: 2023
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:

Name: WALNUT CREEK CITY OF
Address: 511 LAWRENCE
City,State,Zip: WALNUT CREEK, CA 94596
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601300091
Global Id: T0601300091
Latitude: 37.91684
Longitude: -122.063504
Status: Completed - Case Closed
Status Date: 04/14/1995
Case Worker: KEB
RB Case Number: 07-0097
Local Agency: CONTRA COSTA COUNTY
File Location: Not reported
Local Case Number: 70117
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0601300091
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: sloyd@hsd.co.contra-costa.ca.us
Phone Number: Not reported

Global Id: T0601300091
Contact Type: Regional Board Caseworker
Contact Name: KEVIN BROWN
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: kebrown@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0601300091
Action Type: Other
Date: 01/11/1988
Action: Leak Reported

Global Id: T0601300091
Action Type: Other
Date: 01/11/1988
Action: Leak Stopped

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALNUT CREEK CITY OF (Continued)

S103177096

Global Id: T0601300091
Action Type: ENFORCEMENT
Date: 04/14/1995
Action: Closure/No Further Action Letter

Global Id: T0601300091
Action Type: Other
Date: 01/11/1988
Action: Leak Discovery

LUST:

Global Id: T0601300091
Status: Open - Case Begin Date
Status Date: 01/11/1988

Global Id: T0601300091
Status: Completed - Case Closed
Status Date: 04/14/1995

LUST REG 2:

Region: 2
Facility Id: 07-0097
Facility Status: Case Closed
Case Number: 70117
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment 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

VCP:

Name: CITY OF WALNUT CREEK CORP YARD - 511 LAWRENCE WAY
Address: 511 LAWRENCE WAY
City,State,Zip: WALNUT CREEK, CA 94596
Facility ID: 60002161
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Parag Shah
Supervisor: Whitney Smith
Division Branch: Cleanup Berkeley
Site Code: 202029
Assembly: , 16
Senate: , 07

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALNUT CREEK CITY OF (Continued)

S103177096

Special Programs Code: Not reported
Status: Inactive - Needs Evaluation
Status Date: 09/07/2018
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.91636 / -122.0637
APN: 173014004
Past Use: AGRICULTURAL - ORCHARD, EQUIPMENT/INSTRUMENT REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, MAINTENANCE / CLEANING, UNDERGROUND STORAGE TANKS
Potential COC: 30001, 30003, 30013, 30022, 30024, 30025, 3002502, 30028, 30032, 30067, 30080, 30103, 30104, 30152, 30153, 30154, 30156, 30158, 30195, 30272, 30357, 30406, 30484, 30499, 30587, 30593, 30594
Confirmed COC: 30001,30003,30013,30022,30024,30025,30032,30067,30484,30499,30357, 30104,30152,30153,30156,30158,30195,30272,30587,30593,30594,30406, 3002502,30103,30028,30080,30154
Potential Description: OTH, SOIL, SV
Alias Name: 173014004
Alias Type: APN
Alias Name: 202029
Alias Type: Project Code (Site Code)
Alias Name: 60002161
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/25/2013
Comments: This Report was submitted on 1/30/2015 during a scoping meeting.
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2025
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2025
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2024
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2024
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Site Characterization Report
Future Due Date: 2023
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CORTESE:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALNUT CREEK CITY OF (Continued)

S103177096

Name: WALNUT CREEK CITY OF
Address: 511 LAWRENCE
City,State,Zip: WALNUT CREEK, CA 94596
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0601300091
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

edr_fname: WALNUT CREEK CITY OF
edr_fadd1: 511 LAWRENCE
City,State,Zip: WALNUT CREEK, CA 94596
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0097

CONTRA COSTA CO. SITE LIST:

Name: WALNUT CREEK PUBLIC WORKS - CORP YARD
Address: 511 LAWRENCE WY
City: WALNUT CREEK
Facility ID: FA0032671
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: >100K-250K LBS, 20+ EMPLOYEES
Region: CONTRA COSTA
Cupa Number: 770117
CERS ID: 10008538

Name: WALNUT CREEK PUBLIC WORKS - CORP YARD
Address: 511 LAWRENCE WY
City: WALNUT CREEK
Facility ID: FA0032671
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: 5 - <12 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 770117
CERS ID: 10008538

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALNUT CREEK CITY OF (Continued)

S103177096

Name: WALNUT CREEK PUBLIC WORKS - CORP YARD
Address: 511 LAWRENCE WY
City: WALNUT CREEK
Facility ID: FA0032671
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 770117
CERS ID: 10008538

CERS:

Name: WALNUT CREEK CITY OF
Address: 511 LAWRENCE
City,State,Zip: WALNUT CREEK, CA 94596
Site ID: 220278
CERS ID: T0601300091
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: SUE LOYD - CONTRA COSTA COUNTY
Entity Title: Not reported
Affiliation Address: 4333 PACHECO BLVD.
Affiliation City: MARTINEZ
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: KEVIN BROWN - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREET, SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

30
ENE
1/2-1
0.966 mi.
5103 ft.

DIABLO PEST CONTROL
1457 SOS DRIVE
WALNUT CREEK, CA 94597

ENVIROSTOR **S109936374**
VCP **N/A**

Relative:
Lower
Actual:
123 ft.

ENVIROSTOR:
Name: DIABLO PEST CONTROL
Address: 1457 SOS DRIVE
City,State,Zip: WALNUT CREEK, CA 94597
Facility ID: 60000708
Status: Certified
Status Date: 01/24/2013
Site Code: 201781
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.13

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIABLO PEST CONTROL (Continued)

S109936374

NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Daniel Murphy
Division Branch: Cleanup Berkeley
Assembly: 16
Senate: 07
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.91844
Longitude: -122.0640
APN: 171202002
Past Use: PESTICIDE/INSECTIDE/RODENTICIDE STORAGE
Potential COC: Arsenic Chlordane Dieldrin
Confirmed COC: Arsenic Chlordane Dieldrin
Potential Description: OTH, SOIL
Alias Name: Diablo Pest Control
Alias Type: Alternate Name
Alias Name: 171202002
Alias Type: APN
Alias Name: 201781
Alias Type: Project Code (Site Code)
Alias Name: 60000708
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/20/2010
Comments: The initial soil excavation report was submitted and further work was recommended for offsite area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/15/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 11/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/08/2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIABLO PEST CONTROL (Continued)

S109936374

Comments: Pre-work done on 8/2/2011 and actual drilling and sampling activities were completed on 8/8/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/26/2011
Comments: This Report (Soil Investigation Report and Removal Action Workplan) was submitted as part of the RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 11/21/2011
Comments: A revised RAW was submitted as a separate document on 11/18/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/19/2012
Comments: Public Notice for Public to comment on the draft NOE and RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 07/08/2011
Comments: Completed 7/8/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/25/2012
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 11/28/2011
Comments: VCA was signed by RP on 11/21 and by DTSC on 11/28/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/30/2012
Comments: The information letter is not warranted anymore because the June 08,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIABLO PEST CONTROL (Continued)

S109936374

2012 MW-3-water samples results were ND.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/07/2012
Comments: Fieldwork was completed June 7, 2012 and no document is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 02/21/2008
Comments: A copy of this workplan was submitted to DTSc on 10/27/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/10/2012
Comments: The Final RAW was approved on May 10, 2012. The Response to Comments, NOE, Fact Sheet, Public Notice were added as Appendixes to the Final RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/01/1998
Comments: RI Report for 1449 Sos Drive, the property on the immediate east of 1457 Sos Drive-under the oversight of Contra Costa Health Services Department. (Probable source of groundwater contamination).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/09/2008
Comments: Sent in later.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/10/2012
Comments: Completed on 10/10/2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/29/2012
Comments: Completed May 29, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/12/2006
Comments: Completed September 12, 2006 and uploaded 11/14/2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIABLO PEST CONTROL (Continued)

S109936374

Completed Date: 11/10/2011
Comments: Completed 11/10/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 02/08/2010
Comments: Voluntary cleanup agreement fully executed. Scope of work includes review of soil removal report by DTSC and recommendations based on review of the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/26/2012
Comments: The Department has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 05/03/2012
Comments: Completed May 3, 2012

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Name: DIABLO PEST CONTROL
Address: 1457 SOS DRIVE
City,State,Zip: WALNUT CREEK, CA 94597
Facility ID: 60000708
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.13
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Daniel Murphy
Division Branch: Cleanup Berkeley
Site Code: 201781
Assembly: 16
Senate: 07
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 01/24/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIABLO PEST CONTROL (Continued)

S109936374

Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.91844 / -122.0640
APN: 171202002
Past Use: PESTICIDE/INSECTIDE/RODENTICIDE STORAGE
Potential COC: 30001, 30004, 30207
Confirmed COC: 30001,30004,30207
Potential Description: OTH, SOIL
Alias Name: Diablo Pest Control
Alias Type: Alternate Name
Alias Name: 171202002
Alias Type: APN
Alias Name: 201781
Alias Type: Project Code (Site Code)
Alias Name: 60000708
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/20/2010
Comments: The initial soil excavation report was submitted and further work was recommended for offsite area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/15/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 11/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/08/2011
Comments: Pre-work done on 8/2/2011 and actual drilling and sampling activities were completed on 8/8/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIABLO PEST CONTROL (Continued)

S109936374

Completed Document Type: Technical Report
Completed Date: 10/26/2011
Comments: This Report (Soil Investigation Report and Removal Action Workplan) was submitted as part of the RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 11/21/2011
Comments: A revised RAW was submitted as a separate document on 11/18/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/19/2012
Comments: Public Notice for Public to comment on the draft NOE and RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 07/08/2011
Comments: Completed 7/8/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/25/2012
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 11/28/2011
Comments: VCA was signed by RP on 11/21 and by DTSC on 11/28/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/30/2012
Comments: The information letter is not warranted anymore because the June 08, 2012 MW-3-water samples results were ND.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/07/2012
Comments: Fieldwork was completed June 7, 2012 and no document is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIABLO PEST CONTROL (Continued)

S109936374

Completed Date: 02/21/2008
Comments: A copy of this workplan was submitted to DTSc on 10/27/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/10/2012
Comments: The Final RAW was approved on May 10, 2012. The Response to Comments, NOE, Fact Sheet, Public Notice were added as Appendixes to the Final RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/01/1998
Comments: RI Report for 1449 Sos Drive, the property on the immediate east of 1457 Sos Drive-under the oversight of Contra Costa Health Services Department. (Probable source of groundwater contamination).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/09/2008
Comments: Sent in later.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/10/2012
Comments: Completed on 10/10/2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/29/2012
Comments: Completed May 29, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/12/2006
Comments: Completed September 12, 2006 and uploaded 11/14/2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/10/2011
Comments: Completed 11/10/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 02/08/2010
Comments: Voluntary cleanup agreement fully executed. Scope of work includes review of soil removal report by DTSC and recommendations based on review of the report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIABLO PEST CONTROL (Continued)

S109936374

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/26/2012
Comments: The Department has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 05/03/2012
Comments: Completed May 3, 2012

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

31
ENE
1/2-1
0.969 mi.
5115 ft.

BROADWAY MUFFLER SERVICE
2596 NORTH MAIN STREET
WALNUT CREEK, CA 95350

ENVIROSTOR
VCP
DEED
HAZNET
HWTS

S122221871
N/A

Relative:
Lower
Actual:
141 ft.

ENVIROSTOR:
Name: BROADWAY MUFFLER SERVICE
Address: 2596 NORTH MAIN STREET
City,State,Zip: WALNUT CREEK, CA 95350
Facility ID: 60002611
Status: Active
Status Date: 02/02/2018
Site Code: 202379
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.22
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Parag Shah
Supervisor: Whitney Smith
Division Branch: Cleanup Berkeley
Assembly: , 16
Senate: , 07
Special Program: CLRRRA Liability Immunity (AB 389)
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.91955
Longitude: -122.0648
APN: 171-201-030
Past Use: RECYCLING - SCRAP METAL, VEHICLE MAINTENANCE
Potential COC: Lead Tetrachloroethylene (PCE TPH-diesel TPH-MOTOR OIL Zinc

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY MUFFLER SERVICE (Continued)

S122221871

Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV
Alias Name: 171-201-030
Alias Type: APN
Alias Name: 202173
Alias Type: Project Code (Site Code)
Alias Name: 202379
Alias Type: Project Code (Site Code)
Alias Name: 60002611
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2021
Comments: Final DTSC Cost Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/25/2020
Comments: Final LUC - Recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 02/26/2018
Comments: Final Draft - VCA Application

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 08/02/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2018
Comments: final draft

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 02/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: completed fiscal year

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2020

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY MUFFLER SERVICE (Continued)

S122221871

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/27/2018
Comments: Final Draft - Change of PM Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/22/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/06/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Quality Assurance Workplan
Completed Date: 12/21/2018
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2022
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Name: BROADWAY MUFFLER SERVICE
Address: 2596 NORTH MAIN STREET
City,State,Zip: WALNUT CREEK, CA 95350
Facility ID: 60002611
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.22
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Parag Shah
Supervisor: Whitney Smith
Division Branch: Cleanup Berkeley
Site Code: 202379
Assembly: , 16
Senate: , 07
Special Programs Code: CLRRRA Liability Immunity (AB 389)
Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY MUFFLER SERVICE (Continued)

S122221871

Status Date: 02/02/2018
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.91955 / -122.0648
APN: 171-201-030
Past Use: RECYCLING - SCRAP METAL, VEHICLE MAINTENANCE
Potential COC: 30013, 30022, 30024, 3002502, 30594
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV
Alias Name: 171-201-030
Alias Type: APN
Alias Name: 202173
Alias Type: Project Code (Site Code)
Alias Name: 202379
Alias Type: Project Code (Site Code)
Alias Name: 60002611
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2021
Comments: Final DTSC Cost Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/25/2020
Comments: Final LUC - Recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 02/26/2018
Comments: Final Draft - VCA Application

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 08/02/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2018
Comments: final draft

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 02/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY MUFFLER SERVICE (Continued)

S122221871

Completed Date: 06/30/2021
Comments: completed fiscal year

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/27/2018
Comments: Final Draft - Change of PM Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/22/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/06/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Quality Assurance Workplan
Completed Date: 12/21/2018
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2022
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:

Name: BROADWAY MUFFLER SERVICE
Address: 2596 NORTH MAIN STREET
City,State,Zip: WALNUT CREEK, CA 95350
Envirostor ID: 60002611
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 08/25/2020
File Name: Envirostor Land Use Restrictions

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY MUFFLER SERVICE (Continued)

S122221871

HAZNET:

Name: ESTATE OF MARGARETE B. KOENIG
Address: 2596 NORTH MAIN STREET
Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 94597
Contact: PAUL M. KOENIG
Telephone: 9252532000
Mailing Name: Not reported
Mailing Address: 1 CAMINO SOBRANTE, SUITE 216

Year: 2017
Gepaid: CAC002927513
TSD EPA ID: CAT000646117
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 837.54

Additional Info:

Year: 2017
Gen EPA ID: CAC002927513

Shipment Date: 20171206
Creation Date: 10/16/2018 18:31:43
Receipt Date: 20180115
Manifest ID: 011252618FLE
Trans EPA ID: CAL000346010
Trans Name: BIG SKY ENVIRONMENTAL SOLUTIONS
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS
TSD EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSD EPA Alt EPA ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.175
Waste Quantity: 350
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171204
Creation Date: 6/20/2018 18:31:56
Receipt Date: 20171204
Manifest ID: 017750618JJK
Trans EPA ID: CAD982347627
Trans Name: WC LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY MUFFLER SERVICE (Continued)

S122221871

TSDF EPA ID: CAT000646117
Trans Name: KETTLEMAN HILLS LANDFILL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 25.38
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171204
Creation Date: 6/20/2018 18:31:56
Receipt Date: 20171204
Manifest ID: 017750797JJK
Trans EPA ID: CAR000224568
Trans Name: BRADLEY TANKS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: KETTLEMAN HILLS LANDFILL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 25.38
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171129
Creation Date: 8/3/2018 18:30:48
Receipt Date: 20171129
Manifest ID: 017750619JJK
Trans EPA ID: CAR000224568
Trans Name: BRADLEY TANKS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: KETTLEMAN HILLS LANDFILL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY MUFFLER SERVICE (Continued)

S12221871

Quantity Tons:	25.38
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171128
Creation Date:	8/3/2018 18:30:48
Receipt Date:	20171128
Manifest ID:	017750839JJK
Trans EPA ID:	CAR000224568
Trans Name:	BRADLEY TANKS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	KETTLEMAN HILLS LANDFILL
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	25.38
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171128
Creation Date:	8/3/2018 18:30:48
Receipt Date:	20171128
Manifest ID:	017750799JJK
Trans EPA ID:	CAD982347627
Trans Name:	WC LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	KETTLEMAN HILLS LANDFILL
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	25.38
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY MUFFLER SERVICE (Continued)

S122221871

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171127
Creation Date:	8/12/2018 18:30:07
Receipt Date:	20171127
Manifest ID:	017750616JJK
Trans EPA ID:	CAL000411354
Trans Name:	CENTRAL VALLEY TRUCKING INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	KETTLEMAN HILLS LANDFILL
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	25.38
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171127
Creation Date:	8/12/2018 18:30:07
Receipt Date:	20171127
Manifest ID:	017750614JJK
Trans EPA ID:	CAL000411354
Trans Name:	CENTRAL VALLEY TRUCKING INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	KETTLEMAN HILLS LANDFILL
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	25.38
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171127
Creation Date:	8/12/2018 18:30:07
Receipt Date:	20171127
Manifest ID:	017750615JJK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY MUFFLER SERVICE (Continued)

S122221871

Trans EPA ID: CAD982347627
Trans Name: WC LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: KETTLEMAN HILLS LANDFILL
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 25.38
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171127
Creation Date: 8/12/2018 18:30:07
Receipt Date: 20171127
Manifest ID: 017750612JJK
Trans EPA ID: CAL000411354
Trans Name: CENTRAL VALLEY TRUCKING INC #02
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: KETTLEMAN HILLS LANDFILL
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 25.38
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: ESTATE OF MARGARETE B. KOENIG
Address: 2596 NORTH MAIN STREET
Address 2: Not reported
City,State,Zip: WALNUT CREEK, CA 94597
EPA ID: CAC002927513
Inactive Date: 12/12/2017
Create Date: 09/11/2017
Last Act Date: 12/12/2017
Mailing Name: Not reported
Mailing Address: 1 CAMINO SOBRANTE, SUITE 216

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROADWAY MUFFLER SERVICE (Continued)

S122221871

Mailing Address 2: Not reported
Mailing City,State,Zip: ORINDA, CA 94563
Owner Name: PAUL M KOENIG & DOUGLAS R. KOENIG
Owner Address: 1 CAMINO SOBRANTE, SUITE 216
Owner Address 2: Not reported
Owner City,State,Zip: ORINDA, CA 94563
Contact Name: PAUL M. KOENIG
Contact Address: 1 CAMINO SOBRANTE, SUITE 216
Contact Address 2: Not reported
City,State,Zip: ORINDA, CA 94563

32
ESE
1/2-1
0.987 mi.
5212 ft.

XTRA OIL CO.
1980 MAIN, N.
WALNUT CREEK, CA 94596

Notify 65 **S100453841**
N/A

Relative:
Lower
Actual:
158 ft.

NOTIFY 65:
Name: XTRA OIL CO.
Address: 1980 MAIN, N.
City,State,Zip: WALNUT CREEK, CA 94596-3719
Date Reported: 19921026
Staff Initials: Not reported
Board File Number: OLG921243
Facility Type: Leak Rpt
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

Name: XTRA OIL CO.
Address: 1980 MAIN, N.
City,State,Zip: WALNUT CREEK, CA 94596-3719
Date Reported: 19921026
Staff Initials: Not reported
Board File Number: OLG921243
Facility Type: Leak Rpt
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 02/03/2022
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/11/2022
	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: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 02/03/2022
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/11/2022
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMs by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 800-424-9346
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 02/03/2022
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/25/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021	Source: EPA
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-424-9346
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 07/12/2021	Source: Department of the Navy
Date Data Arrived at EDR: 08/06/2021	Telephone: 843-820-7326
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 02/07/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/23/2022
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/23/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 11/18/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 08/23/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 11/19/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/13/2021

Date Data Arrived at EDR: 09/21/2021

Date Made Active in Reports: 12/15/2021

Number of Days to Update: 85

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/16/2021

Next Scheduled EDR Contact: 04/04/2022

Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

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

Date of Government Version: 10/25/2021

Date Data Arrived at EDR: 10/26/2021

Date Made Active in Reports: 01/14/2022

Number of Days to Update: 80

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/25/2022

Next Scheduled EDR Contact: 05/09/2022

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 10/25/2021

Date Data Arrived at EDR: 10/26/2021

Date Made Active in Reports: 01/14/2022

Number of Days to Update: 80

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/25/2022

Next Scheduled EDR Contact: 05/09/2022

Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/08/2021

Date Data Arrived at EDR: 11/09/2021

Date Made Active in Reports: 01/28/2022

Number of Days to Update: 80

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/09/2021

Next Scheduled EDR Contact: 02/21/2022

Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

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

Date of Government Version: 09/07/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/07/2021	Telephone: see region list
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Quarterly

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	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	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	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 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 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 05/17/2021	Source: EPA Region 6
Date Data Arrived at EDR: 06/11/2021	Telephone: 214-665-6597
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

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

Date of Government Version: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	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: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-8677
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

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

Date of Government Version: 04/27/2021	Source: EPA Region 10
Date Data Arrived at EDR: 06/11/2021	Telephone: 206-553-2857
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

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

Date of Government Version: 05/27/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/11/2021	Telephone: 415-972-3372
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

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

Date of Government Version: 06/01/2021	Source: EPA Region 7
Date Data Arrived at EDR: 06/11/2021	Telephone: 913-551-7003
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

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

Date of Government Version: 09/07/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

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

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/30/2021
Number of Days to Update: 84

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 08/18/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/08/2021	Telephone: 916-327-7844
Date Made Active in Reports: 12/03/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 09/07/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/08/2021
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/28/2022
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/27/2021	Source: EPA Region 9
Date Data Arrived at EDR: 06/11/2021	Telephone: 415-972-3368
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/27/2021	Source: EPA Region 8
Date Data Arrived at EDR: 06/11/2021	Telephone: 303-312-6137
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 06/01/2021	Source: EPA Region 7
Date Data Arrived at EDR: 06/11/2021	Telephone: 913-551-7003
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/06/2021	Source: EPA Region 5
Date Data Arrived at EDR: 06/11/2021	Telephone: 312-886-6136
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021	Source: EPA Region 10
Date Data Arrived at EDR: 06/11/2021	Telephone: 206-553-2857
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/28/2021	Source: EPA, Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	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: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-9424
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 05/02/2022
	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: 05/17/2021	Source: EPA Region 6
Date Data Arrived at EDR: 06/11/2021	Telephone: 214-665-7591
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/20/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 12

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2021	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 05/18/2021	Telephone: 202-307-1000
Date Made Active in Reports: 08/03/2021	Last EDR Contact: 11/16/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 10/25/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/26/2021	Telephone: 916-323-3400
Date Made Active in Reports: 01/14/2022	Last EDR Contact: 01/25/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/09/2022
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-255-6504
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 01/13/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

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

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Quarterly

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 12/01/2019
Date Data Arrived at EDR: 08/19/2021
Date Made Active in Reports: 10/28/2021
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

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

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/25/2021
Date Data Arrived at EDR: 09/03/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/30/2021	Source: DTSC and SWRCB
Date Data Arrived at EDR: 08/31/2021	Telephone: 916-323-3400
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 11/30/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 03/14/2022
	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: 09/12/2021	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/13/2021	Telephone: 202-366-4555
Date Made Active in Reports: 09/28/2021	Last EDR Contact: 12/16/2021
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 09/30/2021	Source: Office of Emergency Services
Date Data Arrived at EDR: 10/19/2021	Telephone: 916-845-8400
Date Made Active in Reports: 01/12/2022	Last EDR Contact: 01/19/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 08/10/2021	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/17/2021	Telephone: 202-528-4285
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 11/16/2021
Number of Days to Update: 66	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/14/2022
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/25/2022
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 01/07/2022
Number of Days to Update: 574	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/01/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-564-6023
Date Made Active in Reports: 12/15/2021	Last EDR Contact: 02/03/2022
Number of Days to Update: 40	Next Scheduled EDR Contact: 05/16/2022
	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: 11/19/2020	Source: EPA
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-566-0500
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 01/07/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/29/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/24/2021	Telephone: 301-415-7169
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 11/30/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 12/02/2021
Number of Days to Update: 251	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/04/2022
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/16/2022
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 12/27/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/11/2022
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/08/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/09/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/03/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Administration
Telephone: 202-693-9424
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/09/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 91

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 03/21/2022
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: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 11/23/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/04/2022	Telephone: 202-564-2280
Date Made Active in Reports: 01/10/2022	Last EDR Contact: 01/04/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/15/2021	Source: EPA
Date Data Arrived at EDR: 11/15/2021	Telephone: 800-385-6164
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 11/15/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/20/2021	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/21/2021	Telephone: 916-323-3400
Date Made Active in Reports: 12/08/2021	Last EDR Contact: 12/16/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/14/2019	Telephone: 925-454-2361
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 11/19/2021
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/17/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/24/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
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: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/05/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/18/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 80

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

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

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

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/05/2021
Date Made Active in Reports: 12/22/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES: Mines Site Location Listing

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

Date of Government Version: 09/07/2021	Source: Department of Conservation
Date Data Arrived at EDR: 09/07/2021	Telephone: 916-322-1080
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	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: 08/05/2021	Source: Department of Public Health
Date Data Arrived at EDR: 08/31/2021	Telephone: 916-558-1784
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 11/30/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/09/2021	Telephone: 916-445-9379
Date Made Active in Reports: 01/27/2022	Last EDR Contact: 11/09/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/30/2021	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 08/31/2021	Telephone: 916-445-4038
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 11/30/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/04/2021	Source: Department of Conservation
Date Data Arrived at EDR: 06/04/2021	Telephone: 916-323-3836
Date Made Active in Reports: 08/27/2021	Last EDR Contact: 11/29/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/12/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/16/2021	Telephone: 916-445-3846
Date Made Active in Reports: 06/01/2021	Last EDR Contact: 12/08/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/28/2022
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/03/2021	Source: Department of Conservation
Date Data Arrived at EDR: 06/03/2021	Telephone: 916-445-2408
Date Made Active in Reports: 08/25/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 09/07/2021	Source: State Water Resource Control Board
Date Data Arrived at EDR: 09/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/01/2021	Telephone: 559-445-5577
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 01/07/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 11/15/2021
Number of Days to Update: 9	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 12/14/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 09/07/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014	Source: EPA
Date Data Arrived at EDR: 01/06/2015	Telephone: 202-564-2496
Date Made Active in Reports: 05/06/2015	Last EDR Contact: 12/29/2021
Number of Days to Update: 120	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018	Source: USGS
Date Data Arrived at EDR: 10/21/2019	Telephone: 703-648-6533
Date Made Active in Reports: 10/24/2019	Last EDR Contact: 11/23/2021
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

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

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/01/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 75

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 11/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

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

Date of Government Version: 10/22/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 85

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 10/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/09/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 86

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/21/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 84

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 12/22/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LAKE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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

Source: N/A
Telephone: N/A
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 10/08/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 12/16/2021
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 10/12/2021	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 10/13/2021	Telephone: 626-458-6973
Date Made Active in Reports: 01/04/2022	Last EDR Contact: 01/07/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/25/2022
	Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/17/2021	Telephone: 213-978-3800
Date Made Active in Reports: 06/28/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 04/19/2021	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/17/2021	Telephone: 213-978-3800
Date Made Active in Reports: 09/14/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 89	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

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

Date of Government Version: 05/26/2021	Source: Community Health Services
Date Data Arrived at EDR: 07/09/2021	Telephone: 323-890-7806
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 01/13/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 04/24/2022
	Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 01/07/2022
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/25/2022
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 01/13/2022
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

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

Date of Government Version: 02/02/2021	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 04/28/2021	Telephone: 310-618-2973
Date Made Active in Reports: 07/13/2021	Last EDR Contact: 01/13/2022
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 11/11/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 12/20/2021
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

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

Date of Government Version: 09/22/2021	Source: Department of Public Health
Date Data Arrived at EDR: 11/18/2021	Telephone: 707-463-4466
Date Made Active in Reports: 11/22/2021	Last EDR Contact: 11/16/2021
Number of Days to Update: 4	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Annually

MERCED COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

NAPA COUNTY:

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

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ORANGE COUNTY:

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

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/04/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

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

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 10/29/2021
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

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

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/09/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 81

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 76

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/02/2021
Number of Days to Update: 90

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

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

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing Cupa facilities

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

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

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

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

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 79

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

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

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST SAN MATEO: Fuel Leak List

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

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 02/27/2022
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

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

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

LUST SANTA CLARA: LOP Listing

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

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SANTA CRUZ: CUPA Facility List CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks Underground storage tank sites located in Sutter county.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TUOLUMNE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 79

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

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

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 10/21/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 84

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

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

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

YOLO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/23/2021	Source: Yolo County Department of Health
Date Data Arrived at EDR: 09/28/2021	Telephone: 530-666-8646
Date Made Active in Reports: 12/15/2021	Last EDR Contact: 12/20/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/26/2021	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 10/27/2021	Telephone: 530-749-7523
Date Made Active in Reports: 01/20/2022	Last EDR Contact: 01/24/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/09/2022
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/11/2021	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/12/2021	Telephone: 860-424-3375
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 11/12/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2019	Telephone: N/A
Date Made Active in Reports: 05/16/2019	Last EDR Contact: 01/07/2022
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/29/2021	Telephone: 518-402-8651
Date Made Active in Reports: 01/19/2022	Last EDR Contact: 01/28/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/09/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/06/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

EBMUD WALNUT CREEK WATER TREATMENT PLANT
2201 LARKEY LANE
WALNUT CREEK, CA 94597

TARGET PROPERTY COORDINATES

Latitude (North):	37.913617 - 37° 54' 49.02"
Longitude (West):	122.084141 - 122° 5' 2.91"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	580507.1
UTM Y (Meters):	4196420.5
Elevation:	304 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12016493 WALNUT CREEK, CA
Version Date:	2018

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).

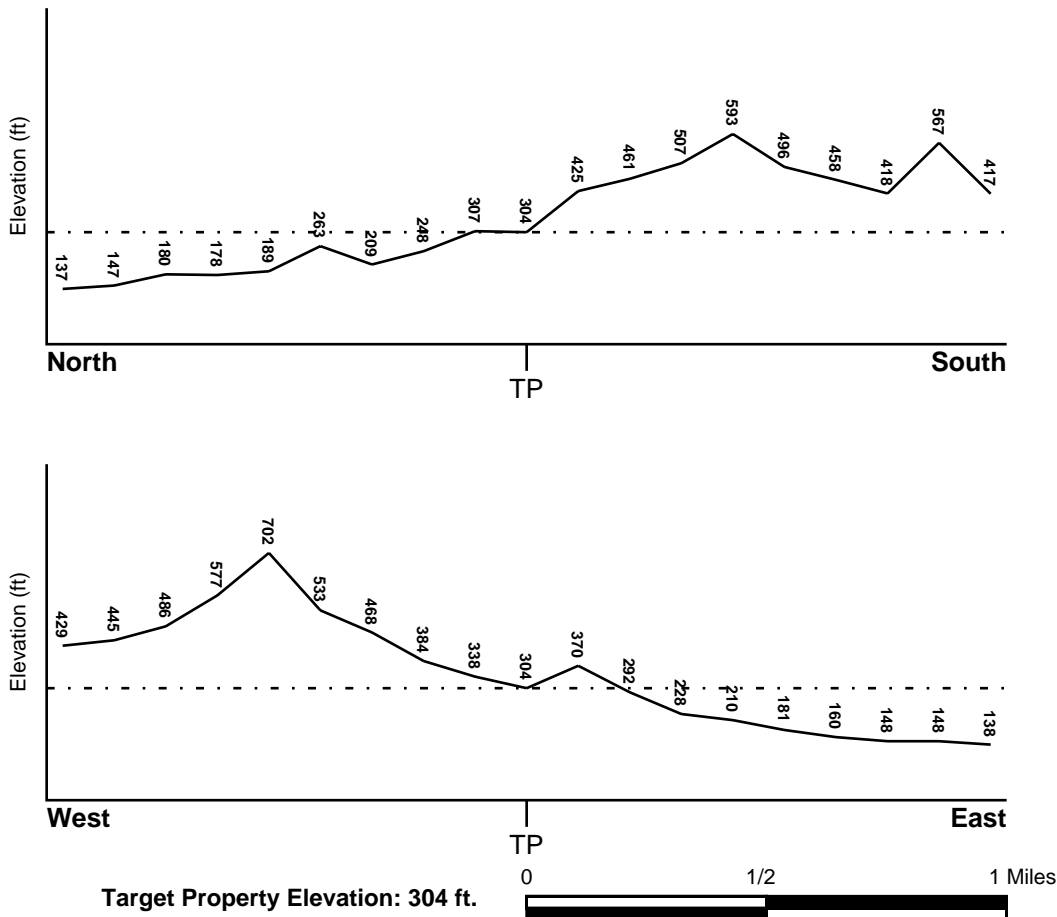
TOPOGRAPHIC INFORMATION

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 NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06013C0287F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06013C0286F	FEMA FIRM Flood data
06013C0288F	FEMA FIRM Flood data
06013C0289F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
WALNUT CREEK	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	1/2 - 1 Mile NNW	NNE
12	1/2 - 1 Mile ENE	Not Reported
1G	1/2 - 1 Mile NNW	NNE
2G	1/2 - 1 Mile ENE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

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

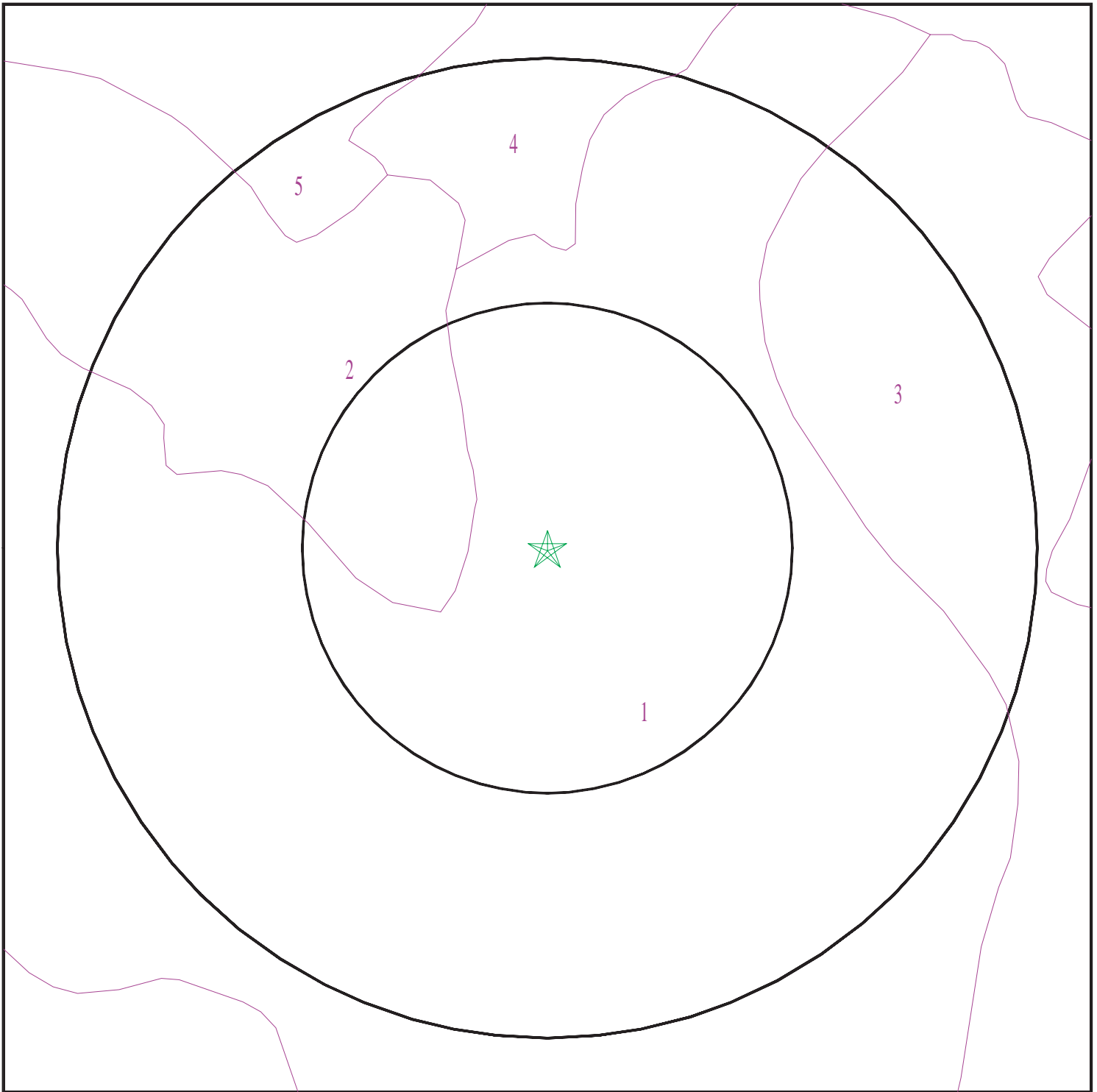
Era: Cenozoic
System: Tertiary
Series: Paleocene
Code: Tx (*decoded above as Era, System & Series*)

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 - 6849864.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: EBMUD Walnut Creek Water Treatment Plant
ADDRESS: 2201 Larkey Lane
Walnut Creek CA 94597
LAT/LONG: 37.913617 / 122.084141

CLIENT: Woodard & Curran
CONTACT: Kevin Almestad
INQUIRY #: 6849864.2s
DATE: February 08, 2022 8:50 am

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: LODO

Soil Surface Texture: clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 46 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
2	18 inches	22 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: LOS OSOS

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
2	9 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
3	31 inches	35 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: CUT AND FILL LAND (fill part)

Soil Surface Texture: silty clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 30 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: TIERRA

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	25 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	59 inches	70 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 5

Soil Component Name: CUT AND FILL LAND (fill part)

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:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

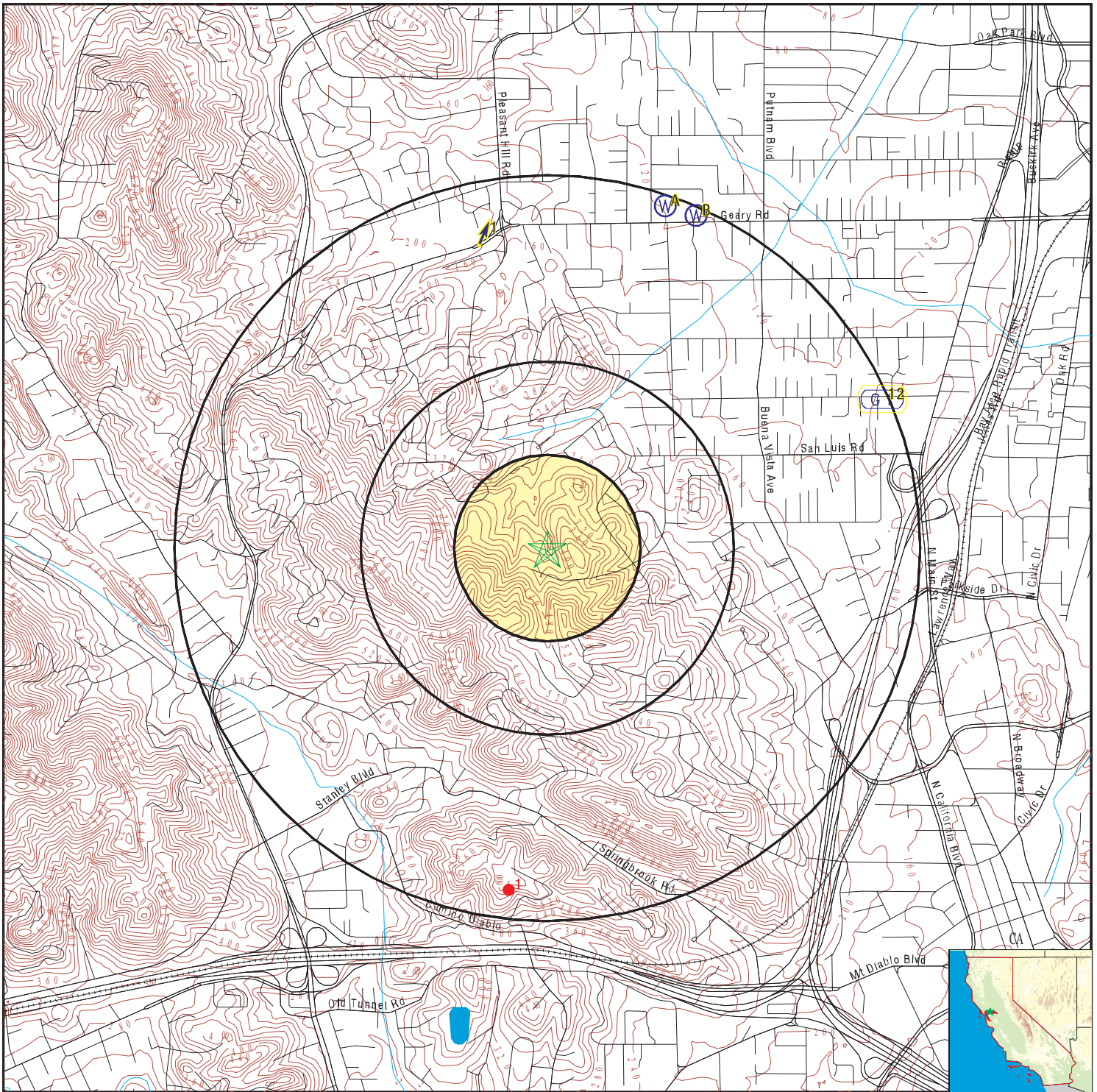
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	CAEDF0000066567	1/2 - 1 Mile NNE
A3	CAEDF0000058388	1/2 - 1 Mile NNE
B4	CAEDF0000059762	1/2 - 1 Mile NNE
A5	CAEDF0000143385	1/2 - 1 Mile NNE
B6	CAEDF0000137201	1/2 - 1 Mile NNE
A7	CAEDF0000001241	1/2 - 1 Mile NNE
A8	CAEDF0000089213	1/2 - 1 Mile NNE
A9	CAEDF0000126748	1/2 - 1 Mile NNE
B10	CAEDF0000002240	1/2 - 1 Mile NNE
A11	CAEDF0000017487	1/2 - 1 Mile NNE
B13	CAEDF0000108172	1/2 - 1 Mile NNE
B14	CAEDF0000006421	1/2 - 1 Mile NNE
B15	CAEDF0000087488	1/2 - 1 Mile NNE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG14000007378	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 6849864.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: EBMUD Walnut Creek Water Treatment Plant
 ADDRESS: 2201 Larkey Lane
 Walnut Creek CA 94597
 LAT/LONG: 37.913617 / 122.084141

CLIENT: Woodard & Curran
 CONTACT: Kevin Almestad
 INQUIRY #: 6849864.2s
 DATE: February 08, 2022 8:50 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
NNW
1/2 - 1 Mile
Lower

Site ID: 07-0083
Groundwater Flow: NNE
Shallow Water Depth: 20.5
Deep Water Depth: 25
Average Water Depth: Not Reported
Date: 05/20/1997

AQUIFLOW 38509

A2
NNE
1/2 - 1 Mile
Lower

Well ID: T0601325670-BW-1 Well Type: MONITORING
Source: EDF Other Name: BW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601325670&assigned_name=BW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601325670&assigned_name=BW-1

CA WELLS CAEDF0000066567

A3
NNE
1/2 - 1 Mile
Lower

Well ID: T0601325670-MW-1 Well Type: MONITORING
Source: EDF Other Name: MW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601325670&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601325670&assigned_name=MW-1

CA WELLS CAEDF0000058388

B4
NNE
1/2 - 1 Mile
Lower

Well ID: T0601300645-MW-1 Well Type: MONITORING
Source: EDF Other Name: MW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300645&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300645&assigned_name=MW-1

CA WELLS CAEDF0000059762

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A5
NNE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000143385

Well ID:	T0601325670-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601325670&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601325670&assigned_name=MW-2		

B6
NNE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000137201

Well ID:	T0601300645-MW-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300645&assigned_name=MW-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300645&assigned_name=MW-2A		

A7
NNE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000001241

Well ID:	T0601325670-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601325670&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601325670&assigned_name=MW-5		

A8
NNE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000089213

Well ID:	T0601325670-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601325670&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601325670&assigned_name=MW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A9
NNE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000126748

Well ID:	T0601325670-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601325670&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601325670&assigned_name=MW-4		

B10
NNE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000002240

Well ID:	T0601300645-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300645&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300645&assigned_name=MW-8		

A11
NNE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000017487

Well ID:	T0601325670-IW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601325670&assigned_name=IW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601325670&assigned_name=IW-1		

12
ENE
1/2 - 1 Mile
Lower

AQUIFLOW 38562

Site ID:	07-0024
Groundwater Flow:	Not Reported
Shallow Water Depth:	10
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	Not Reported

B13
NNE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000108172

Well ID:	T0601300645-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300645&assigned_name=MW-3&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300645&assigned_name=MW-3

B14
NNE
 1/2 - 1 Mile
 Lower

CA WELLS CAEDF000006421

Well ID: T0601300645-MW-SGI-05 Well Type: MONITORING
 Source: EDF Other Name: MW-SGI-05
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300645&assigned_name=MW-SGI-05&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300645&assigned_name=MW-SGI-05

B15
NNE
 1/2 - 1 Mile
 Lower

CA WELLS CAEDF0000087488

Well ID: T0601300645-MW-4 Well Type: MONITORING
 Source: EDF Other Name: MW-4
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0601300645&assigned_name=MW-4&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0601300645&assigned_name=MW-4

1G
NNW
 1/2 - 1 Mile
 Lower

AQUIFLOW 38509

Site ID: 07-0083
 Groundwater Flow: NNE
 Shallow Water Depth: 20.5
 Deep Water Depth: 25
 Average Water Depth: Not Reported
 Date: 05/20/1997

2G
ENE
 1/2 - 1 Mile
 Lower

AQUIFLOW 38562

Site ID: 07-0024
 Groundwater Flow: Not Reported
 Shallow Water Depth: 10
 Deep Water Depth: Not Reported
 Average Water Depth: Not Reported
 Date: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
South
1/2 - 1 Mile

OIL_GAS CAOG14000007378

API #: 0401300194
Well Status: Plugged
Lease Name: Morris
Area Name: Any Area
Confidential Well: N
Spud Date: 04/10/1941

Well #: 1
Well Type: Dry Hole
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94597	41	2

Federal EPA Radon Zone for CONTRA COSTA 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 CONTRA COSTA COUNTY, CA

Number of sites tested: 55

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.760 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.300 pCi/L	100%	0%	0%
Basement	0.525 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX D: SUPPORTING DOCUMENTATION

Historical Aerial Photographs

Historical Topographic Maps

Historical Fire Insurance Maps (No Coverage)

City Directory

Historical Aerial Photographs



EBMUD Walnut Creek Water Treatment Plant

2201 Larkey Lane

Walnut Creek, CA 94597

Inquiry Number: 6849864.8

February 07, 2022

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

02/07/22

Site Name:

EBMUD Walnut Creek Water T
2201 Larkey Lane
Walnut Creek, CA 94597
EDR Inquiry # 6849864.8

Client Name:

Woodard & Curran
2175 North California Blvd. Suite 315
Walnut Creek, CA 94596
Contact: Kevin Almestad



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1998	1"=500'	Flight Date: August 27, 1998	USDA
1993	1"=500'	Acquisition Date: January 01, 1993	USGS/DOQQ
1987	1"=500'	Acquisition Date: July 02, 1987	USGS/DOQQ
1982	1"=500'	Flight Date: July 05, 1982	USDA
1974	1"=500'	Flight Date: April 30, 1974	USGS
1968	1"=500'	Flight Date: April 22, 1968	USGS
1958	1"=500'	Flight Date: July 21, 1958	USGS
1950	1"=500'	Flight Date: March 13, 1950	USDA
1946	1"=500'	Flight Date: July 22, 1946	USGS
1939	1"=500'	Flight Date: July 25, 1939	USDA

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INQUIRY #: 6849864.8

YEAR: 2016

— = 500'





INQUIRY #: 6849864.8

YEAR: 2012

— = 500'





INQUIRY #: 6849864.8

YEAR: 2009

— = 500'





INQUIRY #: 6849864.8

YEAR: 2006

— = 500'





INQUIRY #: 6849864.8

YEAR: 1998

— = 500'





INQUIRY #: 6849864.8

YEAR: 1993

 = 500'





INQUIRY #: 6849864.8

YEAR: 1987

— = 500'





INQUIRY #: 6849864.8

YEAR: 1982

— = 500'





INQUIRY #: 6849864.8

YEAR: 1974

— = 500'



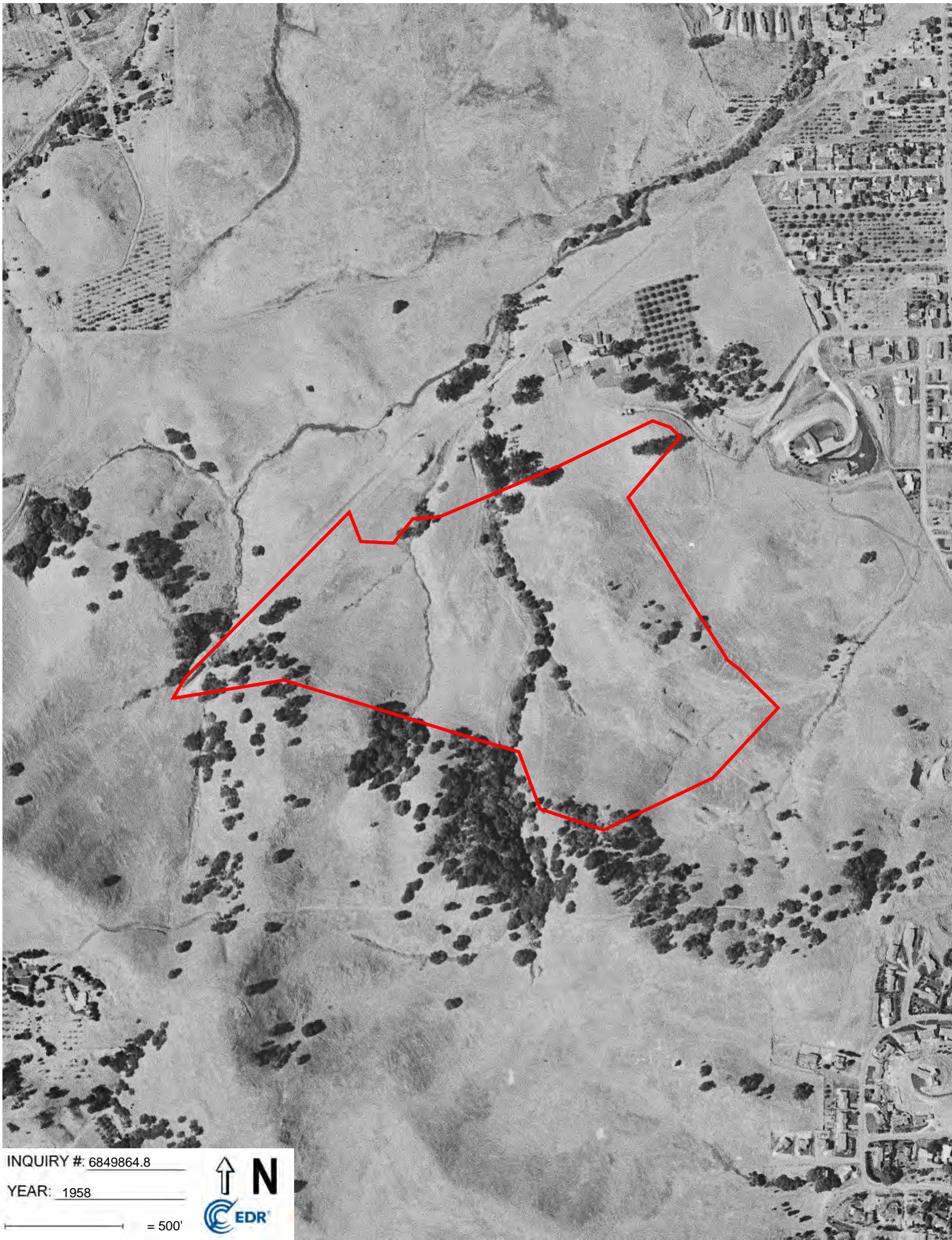


INQUIRY #: 6849864.8

YEAR: 1968

— = 500'





INQUIRY #: 6849864.8

YEAR: 1958

— = 500'





INQUIRY # 6849864.8

YEAR: 1950

— = 500'



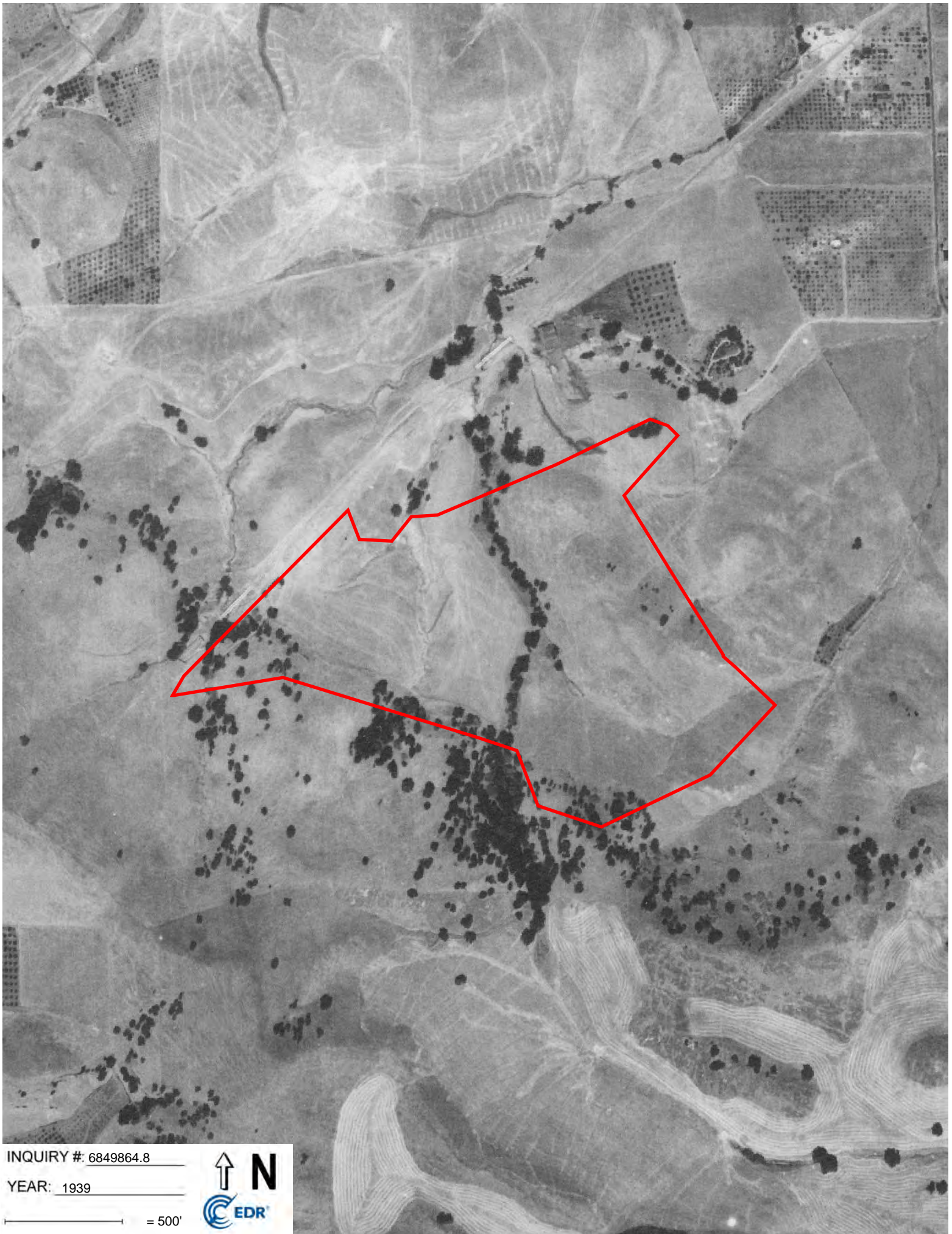


INQUIRY # 6849864.8

YEAR: 1946

— = 500'





INQUIRY #: 6849864.8

YEAR: 1939

— = 500'



Historical Topographic Maps

EBMUD Walnut Creek Water Treatment Plant

2201 Larkey Lane

Walnut Creek, CA 94597

Inquiry Number: 6849864.4

February 07, 2022

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

02/07/22

Site Name:

EBMUD Walnut Creek Water T
2201 Larkey Lane
Walnut Creek, CA 94597
EDR Inquiry # 6849864.4

Client Name:

Woodard & Curran
2175 North California Blvd. Suite 315
Walnut Creek, CA 94596
Contact: Kevin Almestad



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Woodard & Curran were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

Coordinates:

P.O.#	0011797.00	Latitude:	37.913617 37° 54' 49" North
Project:	EBMUD WCWTP Phase I ESA	Longitude:	-122.084141 -122° 5' 3" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	580505.05
		UTM Y Meters:	4196626.10
		Elevation:	313.56' above sea level

Maps Provided:

2018	1959
2015	1949
2012	1948
1996	1947
1995	1915
1980	1897
1973	
1968	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



Walnut Creek
2018
7.5-minute, 24000

2015 Source Sheets



Walnut Creek
2015
7.5-minute, 24000

2012 Source Sheets



Walnut Creek
2012
7.5-minute, 24000

1996 Source Sheets

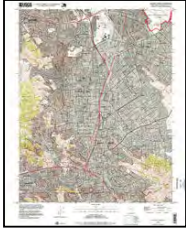


Walnut Creek
1996
7.5-minute, 24000
Aerial Photo Revised 1993

Topo Sheet Key

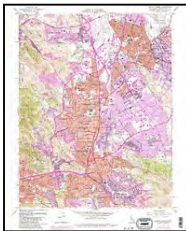
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1995 Source Sheets



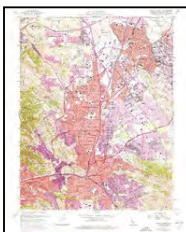
Walnut Creek
1995
7.5-minute, 24000
Aerial Photo Revised 1995

1980 Source Sheets



Walnut Creek
1980
7.5-minute, 24000
Aerial Photo Revised 1978

1973 Source Sheets



Walnut Creek
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets

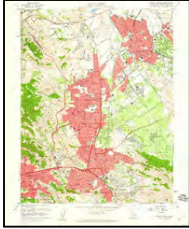


Walnut Creek
1968
7.5-minute, 24000
Aerial Photo Revised 1968

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1959 Source Sheets



Walnut Creek
1959
7.5-minute, 24000
Aerial Photo Revised 1958

1949 Source Sheets



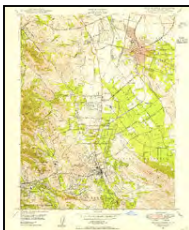
Walnut Creek
1949
7.5-minute, 24000
Aerial Photo Revised 1946

1948 Source Sheets



CONCORD
1948
15-minute, 50000

1947 Source Sheets

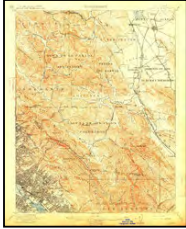


Walnut Creek
1947
7.5-minute, 24000
Aerial Photo Revised 1946

Topo Sheet Key

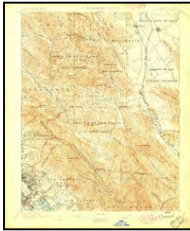
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1915 Source Sheets

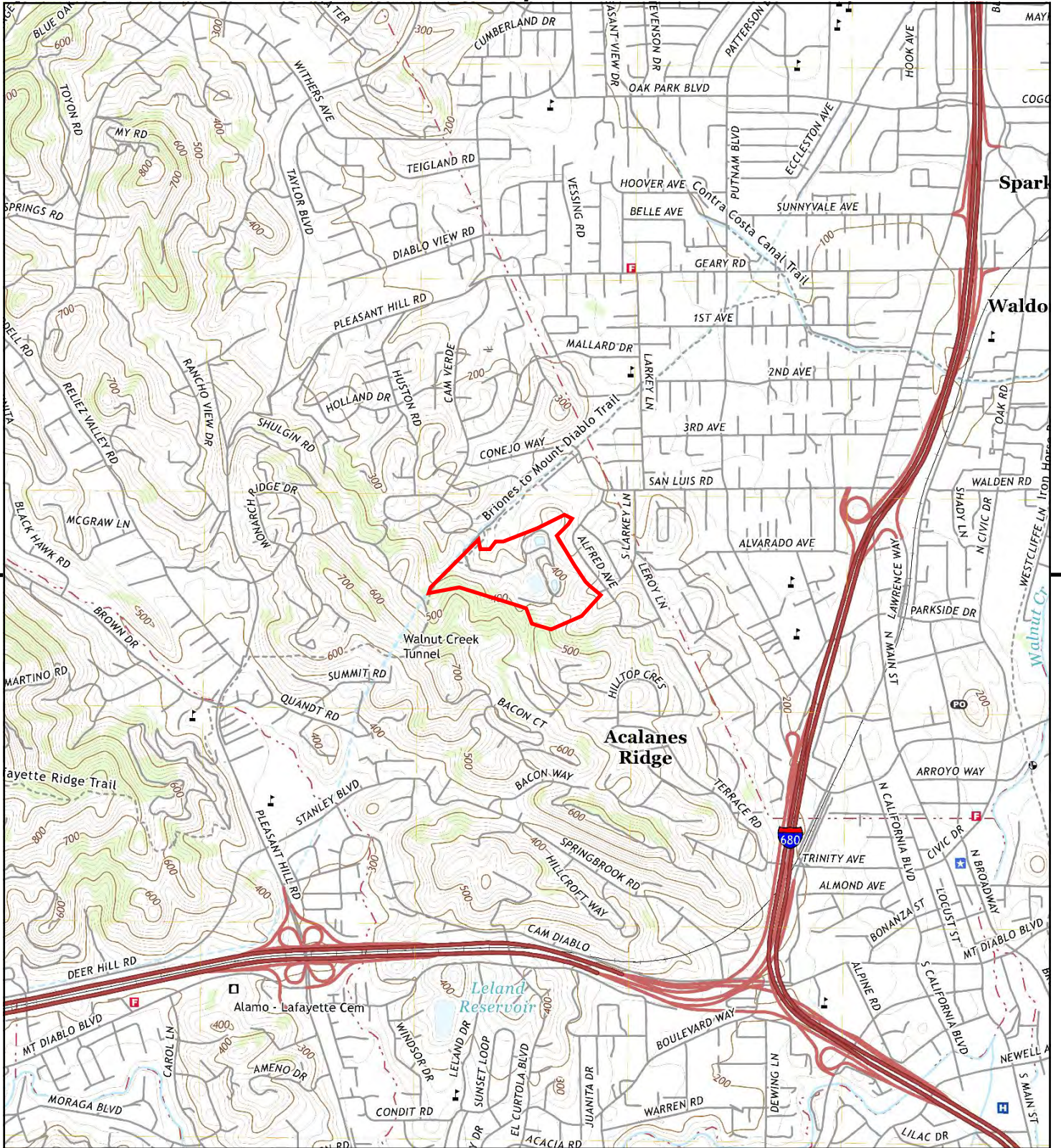


Concord
1915
15-minute, 62500

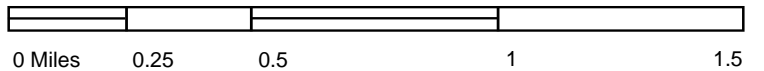
1897 Source Sheets



Concord
1897
15-minute, 62500



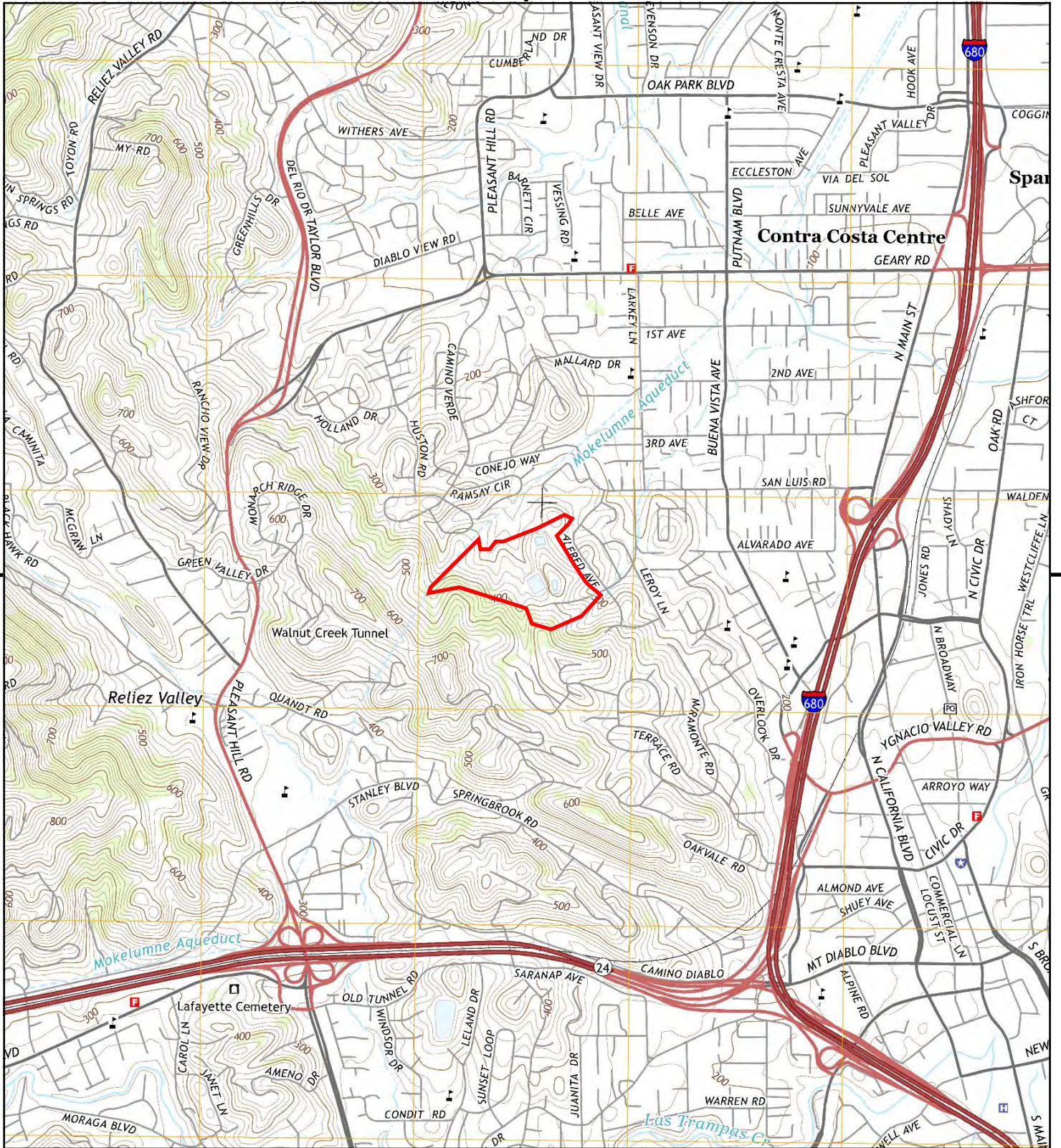
This report includes information from the following map sheet(s).



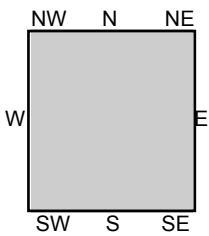
TP, Walnut Creek, 2018, 7.5-minute

SITE NAME: EBMUD Walnut Creek Water Treatment f
 ADDRESS: 2201 Larkey Lane
 Walnut Creek, CA 94597
 CLIENT: Woodard & Curran





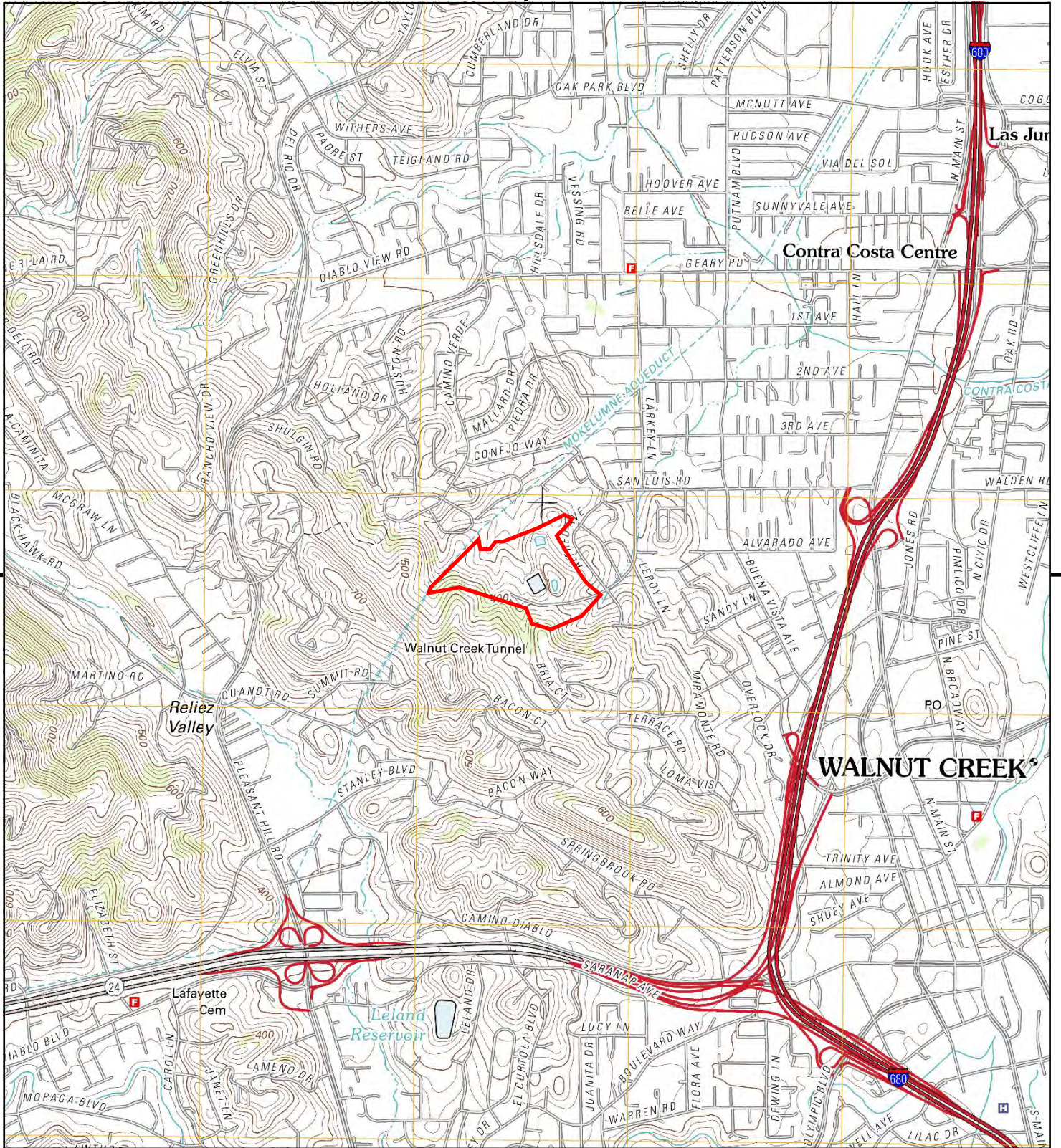
This report includes information from the following map sheet(s).



TP, Walnut Creek, 2015, 7.5-minute

SITE NAME: EBMUD Walnut Creek Water Treatment F
ADDRESS: 2201 Larkey Lane
 Walnut Creek, CA 94597
CLIENT: Woodard & Curran





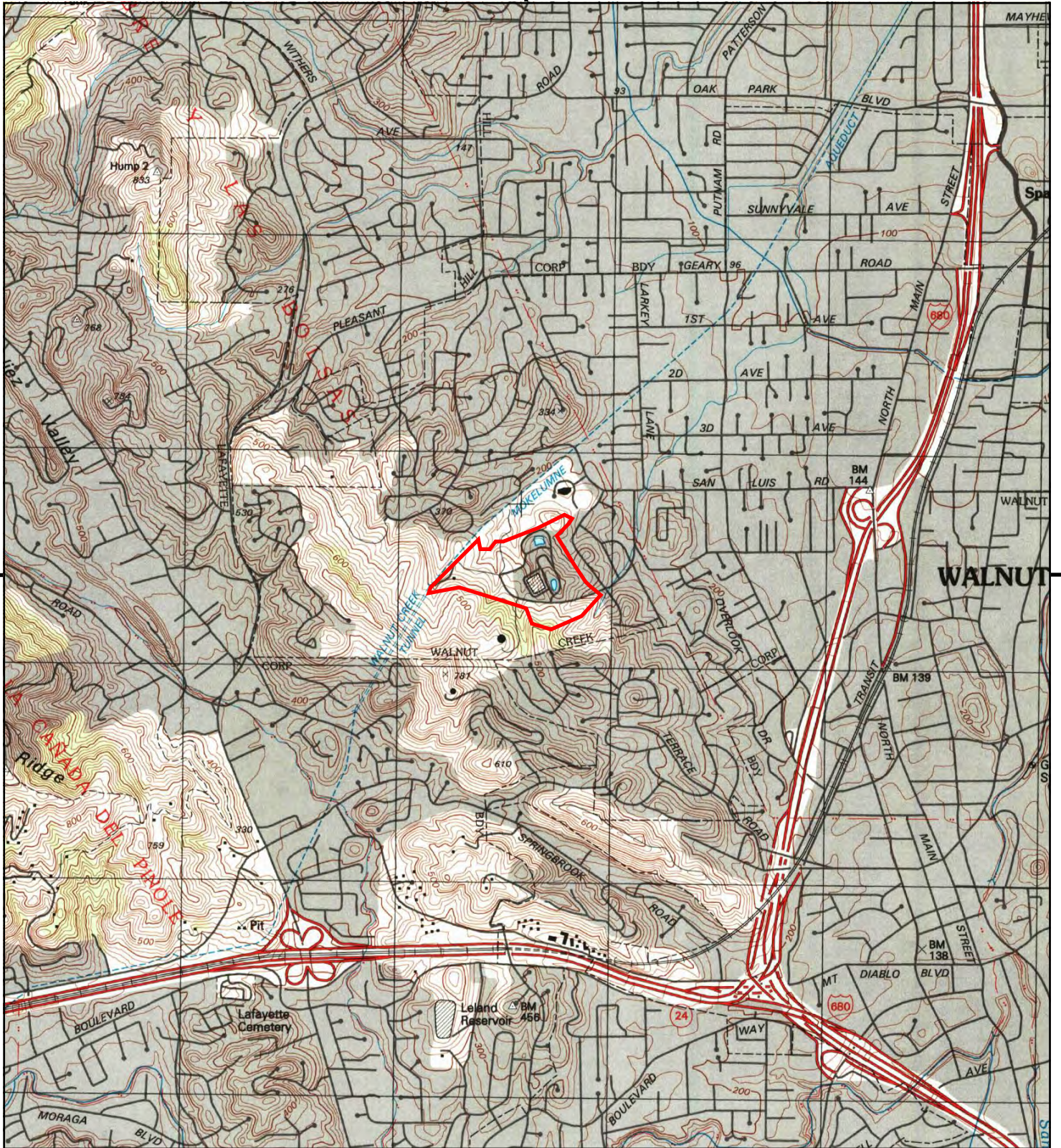
This report includes information from the following map sheet(s).



TP, Walnut Creek, 2012, 7.5-minute

SITE NAME: EBMUD Walnut Creek Water Treatment F
ADDRESS: 2201 Larkey Lane
 Walnut Creek, CA 94597
CLIENT: Woodard & Curran





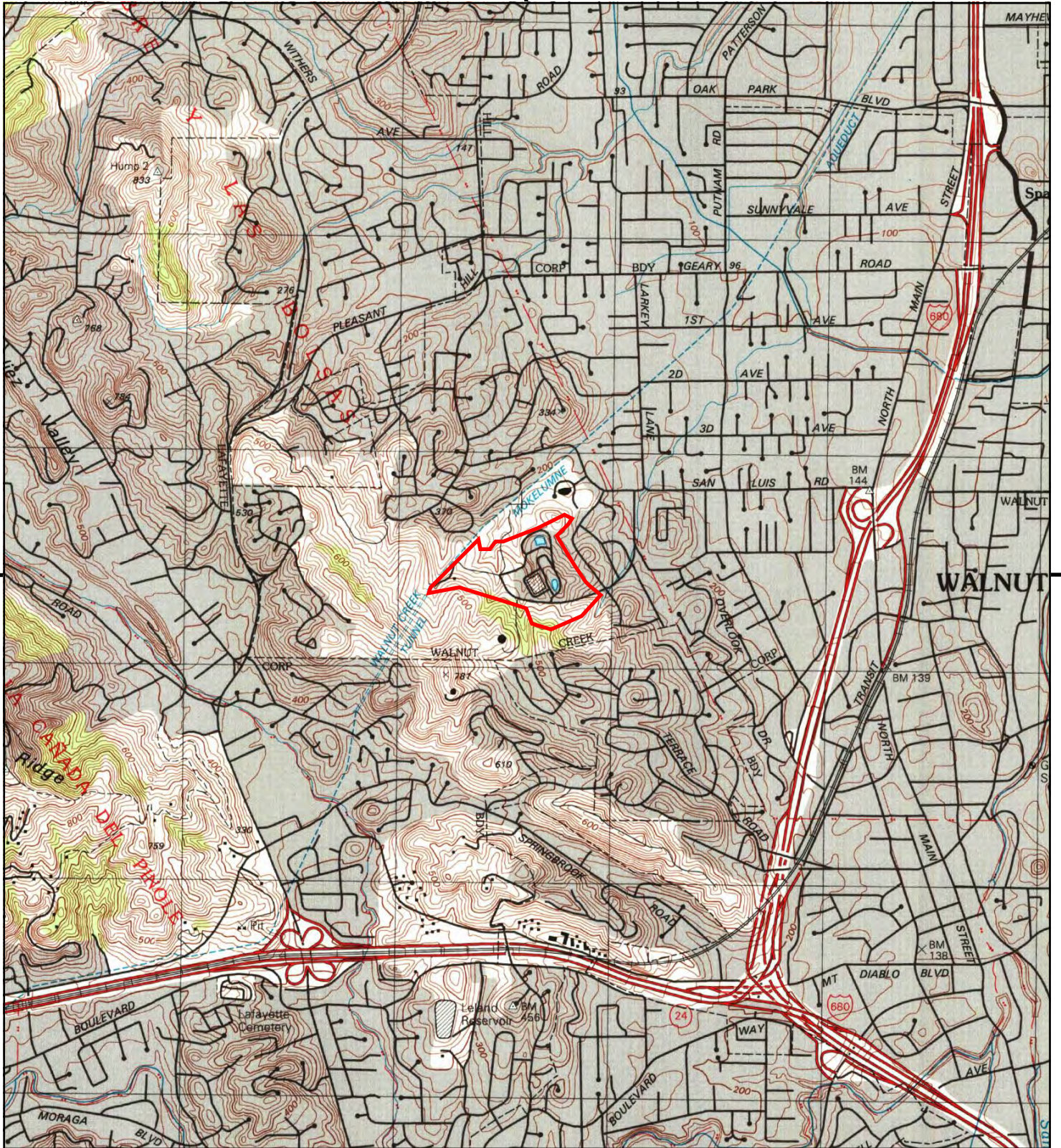
This report includes information from the following map sheet(s).



TP, Walnut Creek, 1996, 7.5-minute

SITE NAME: EBMUD Walnut Creek Water Treatment F
ADDRESS: 2201 Larkey Lane
 Walnut Creek, CA 94597
CLIENT: Woodard & Curran





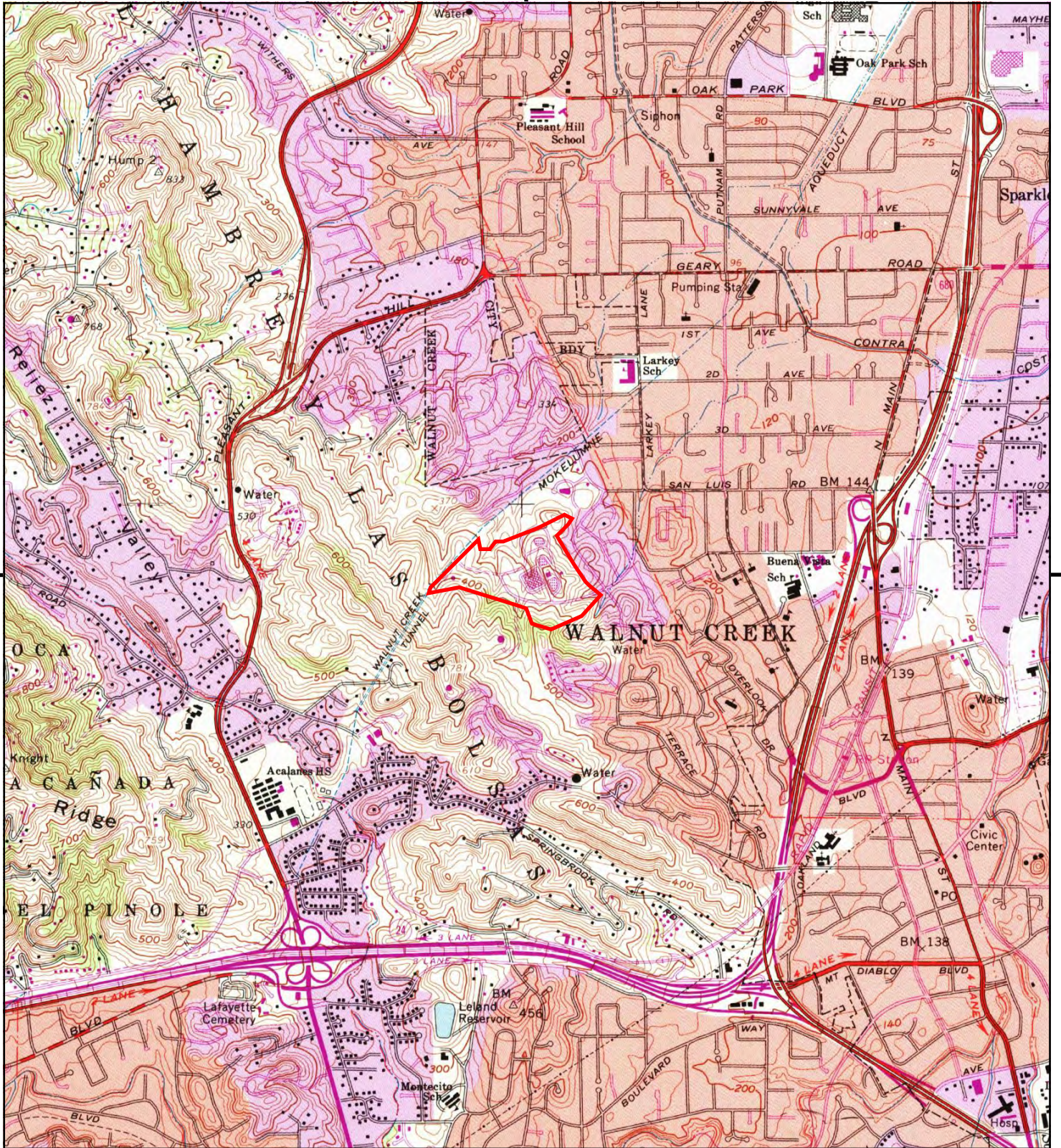
This report includes information from the following map sheet(s).



TP, Walnut Creek, 1995, 7.5-minute

SITE NAME: EBMUD Walnut Creek Water Treatment F
ADDRESS: 2201 Larkey Lane
 Walnut Creek, CA 94597
CLIENT: Woodard & Curran





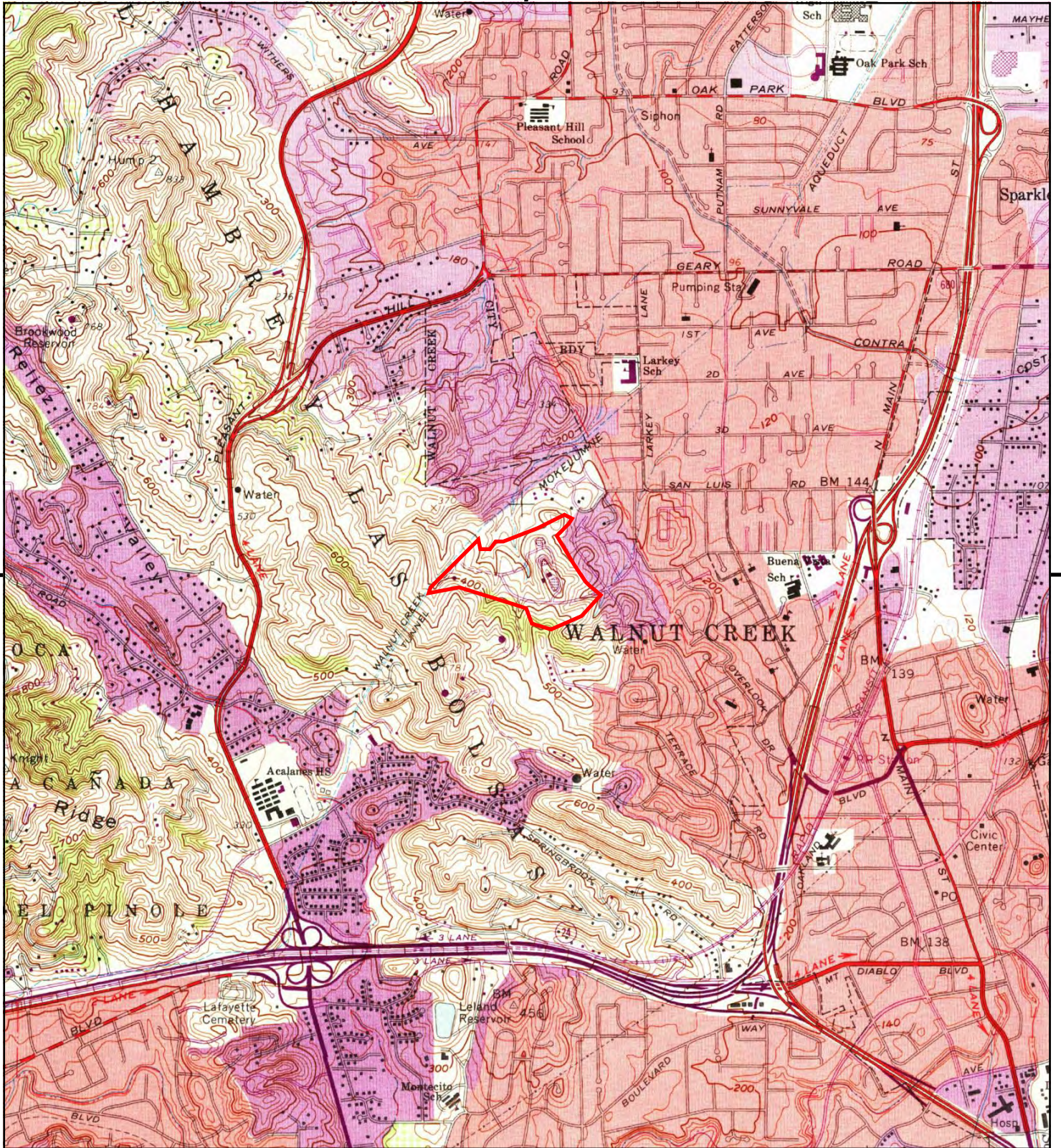
This report includes information from the following map sheet(s).



TP, Walnut Creek, 1980, 7.5-minute

SITE NAME: EBMUD Walnut Creek Water Treatment f
ADDRESS: 2201 Larkey Lane
 Walnut Creek, CA 94597
CLIENT: Woodard & Curran





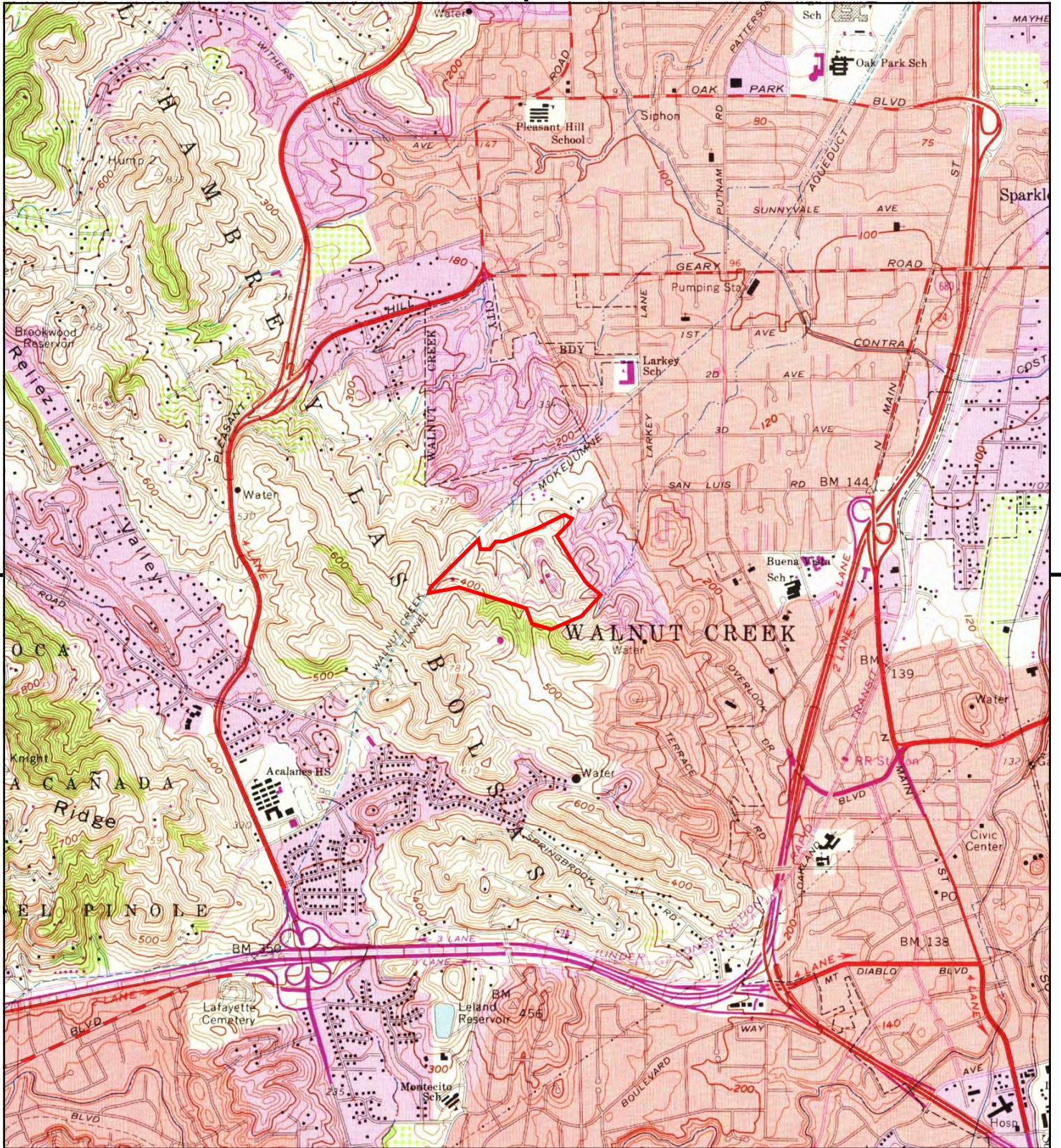
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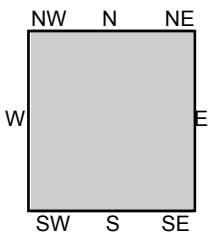
TP, Walnut Creek, 1973, 7.5-minute

SITE NAME: EBMUD Walnut Creek Water Treatment f
ADDRESS: 2201 Larkey Lane
 Walnut Creek, CA 94597
CLIENT: Woodard & Curran





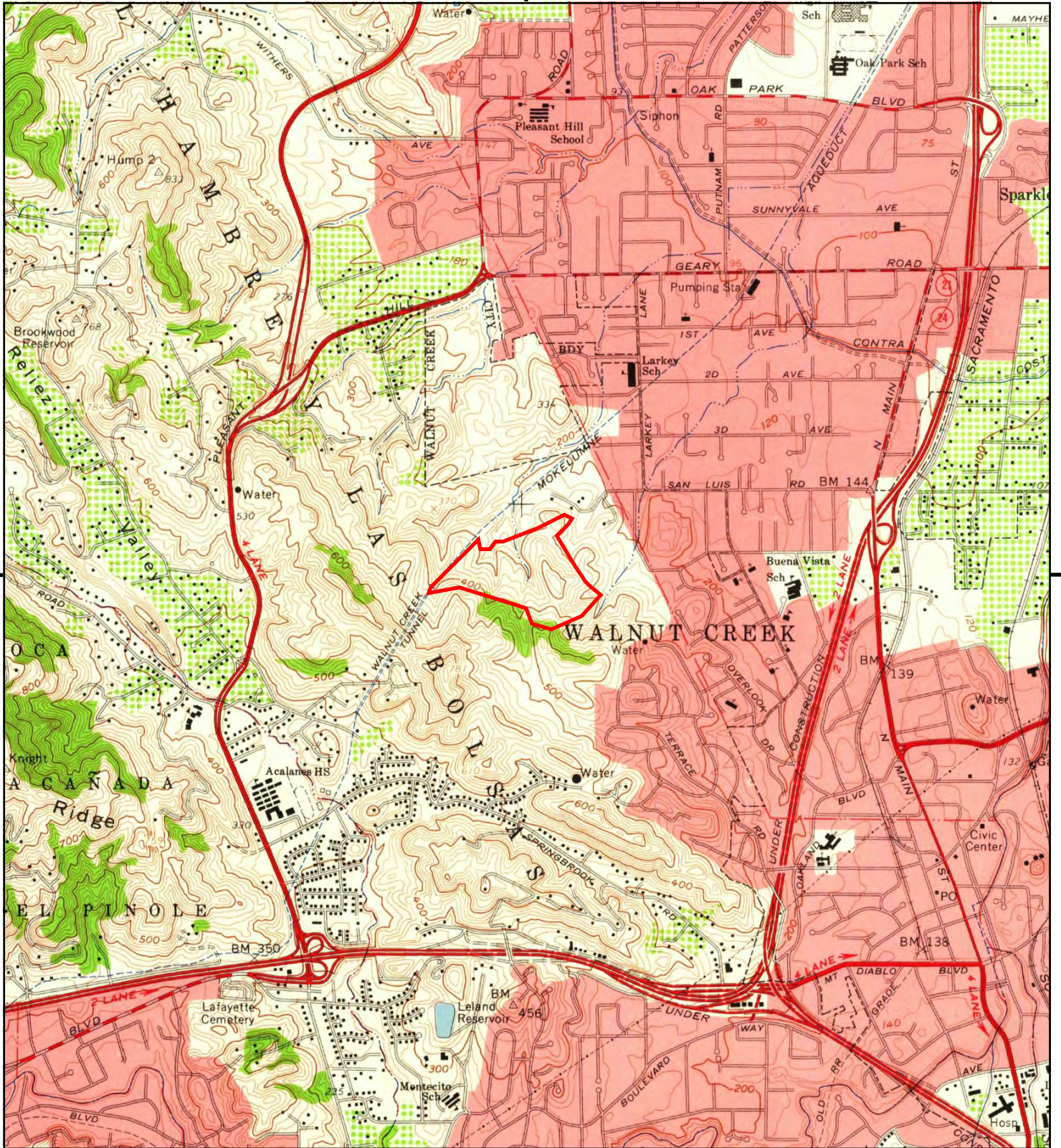
This report includes information from the following map sheet(s).



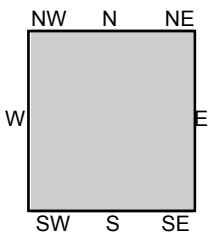
TP, Walnut Creek, 1968, 7.5-minute

SITE NAME: EBMUD Walnut Creek Water Treatment F
ADDRESS: 2201 Larkey Lane
 Walnut Creek, CA 94597
CLIENT: Woodard & Curran





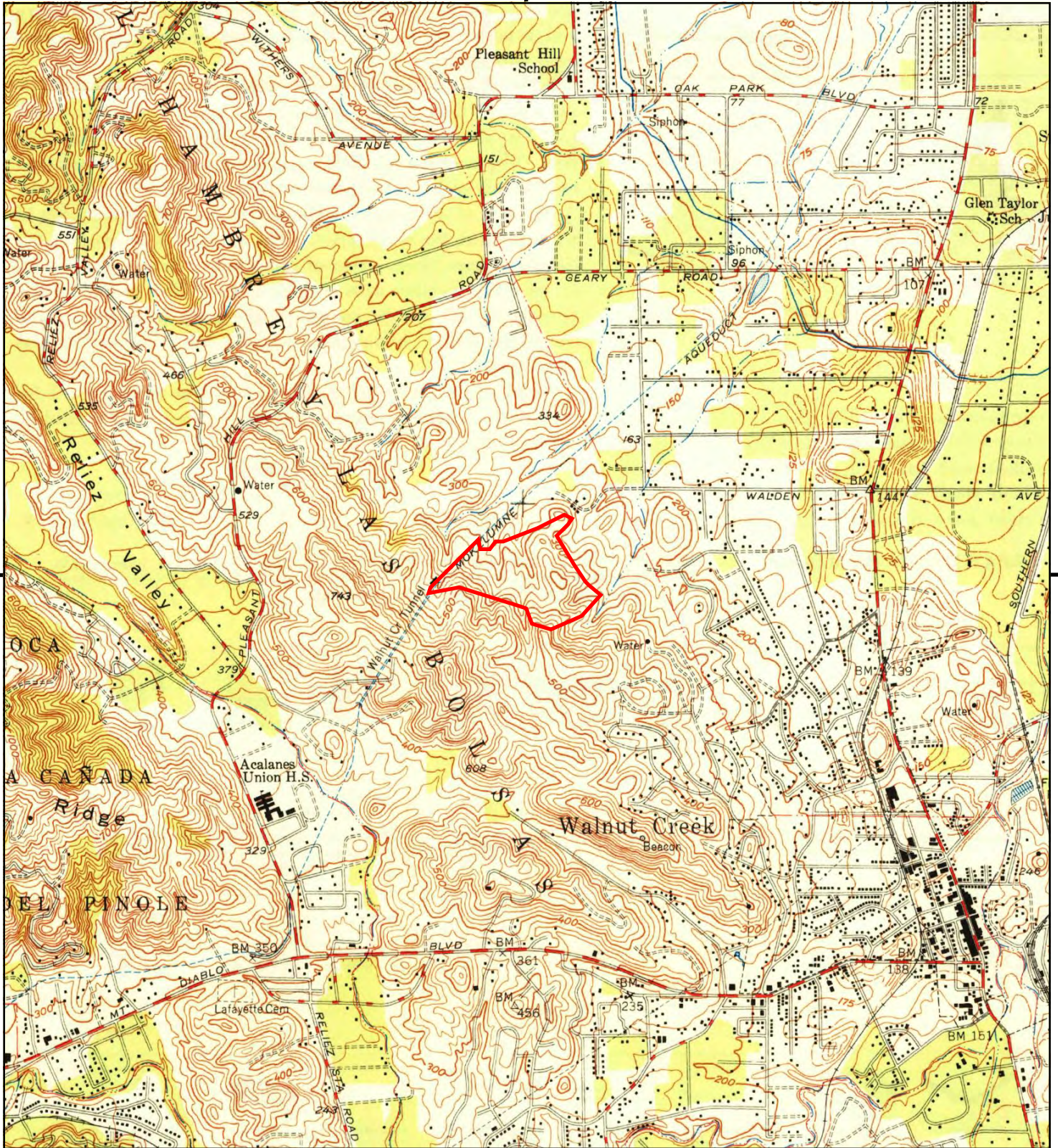
This report includes information from the following map sheet(s).



TP, Walnut Creek, 1959, 7.5-minute

SITE NAME: EBMUD Walnut Creek Water Treatment f
 ADDRESS: 2201 Larkey Lane
 Walnut Creek, CA 94597
 CLIENT: Woodard & Curran





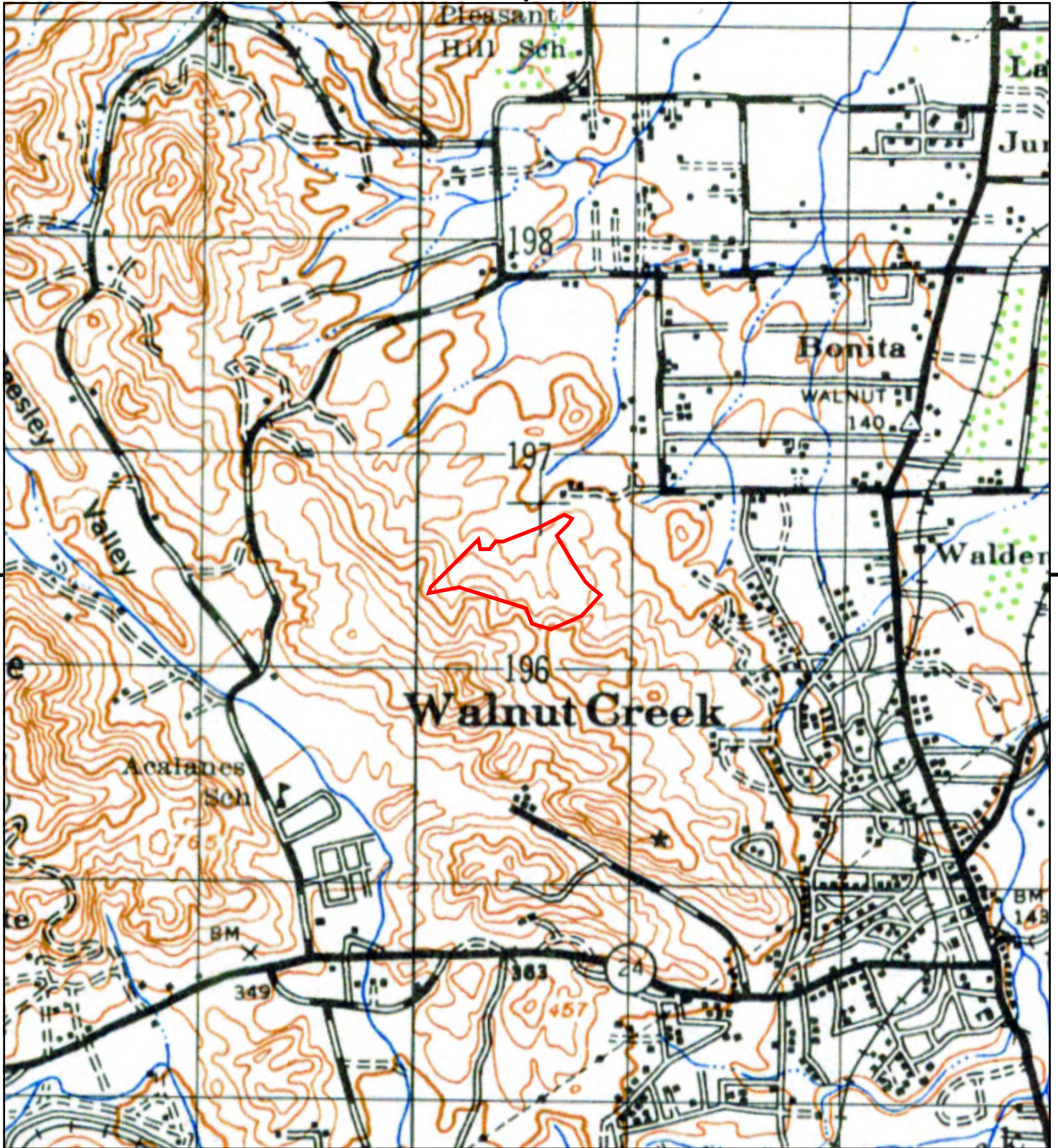
This report includes information from the following map sheet(s).



TP, Walnut Creek, 1949, 7.5-minute

SITE NAME: EBMUD Walnut Creek Water Treatment f
ADDRESS: 2201 Larkey Lane
 Walnut Creek, CA 94597
CLIENT: Woodard & Curran





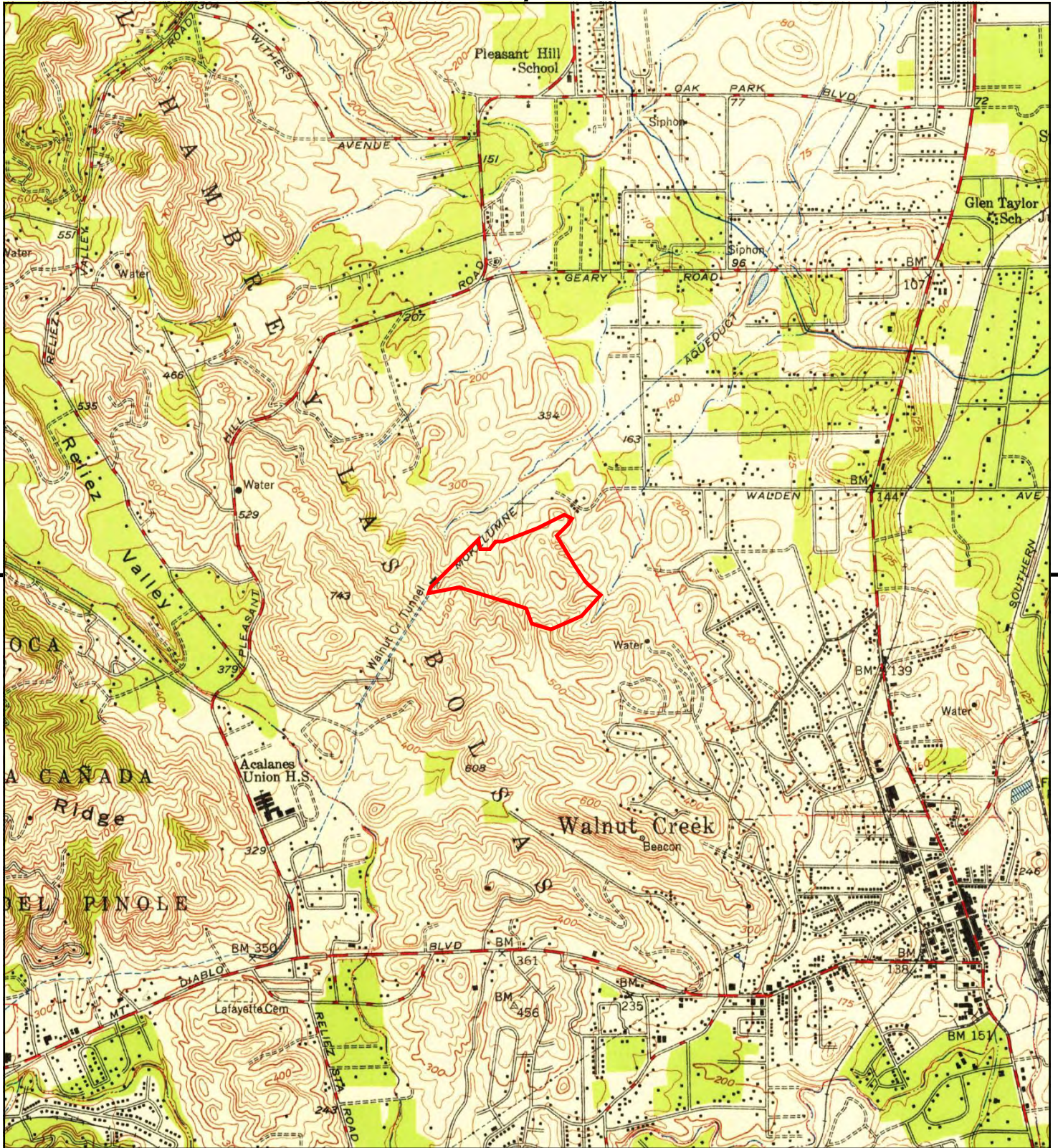
This report includes information from the following map sheet(s).



TP, CONCORD, 1948, 15-minute

SITE NAME: EBMUD Walnut Creek Water Treatment F
ADDRESS: 2201 Larkey Lane
Walnut Creek, CA 94597
CLIENT: Woodard & Curran





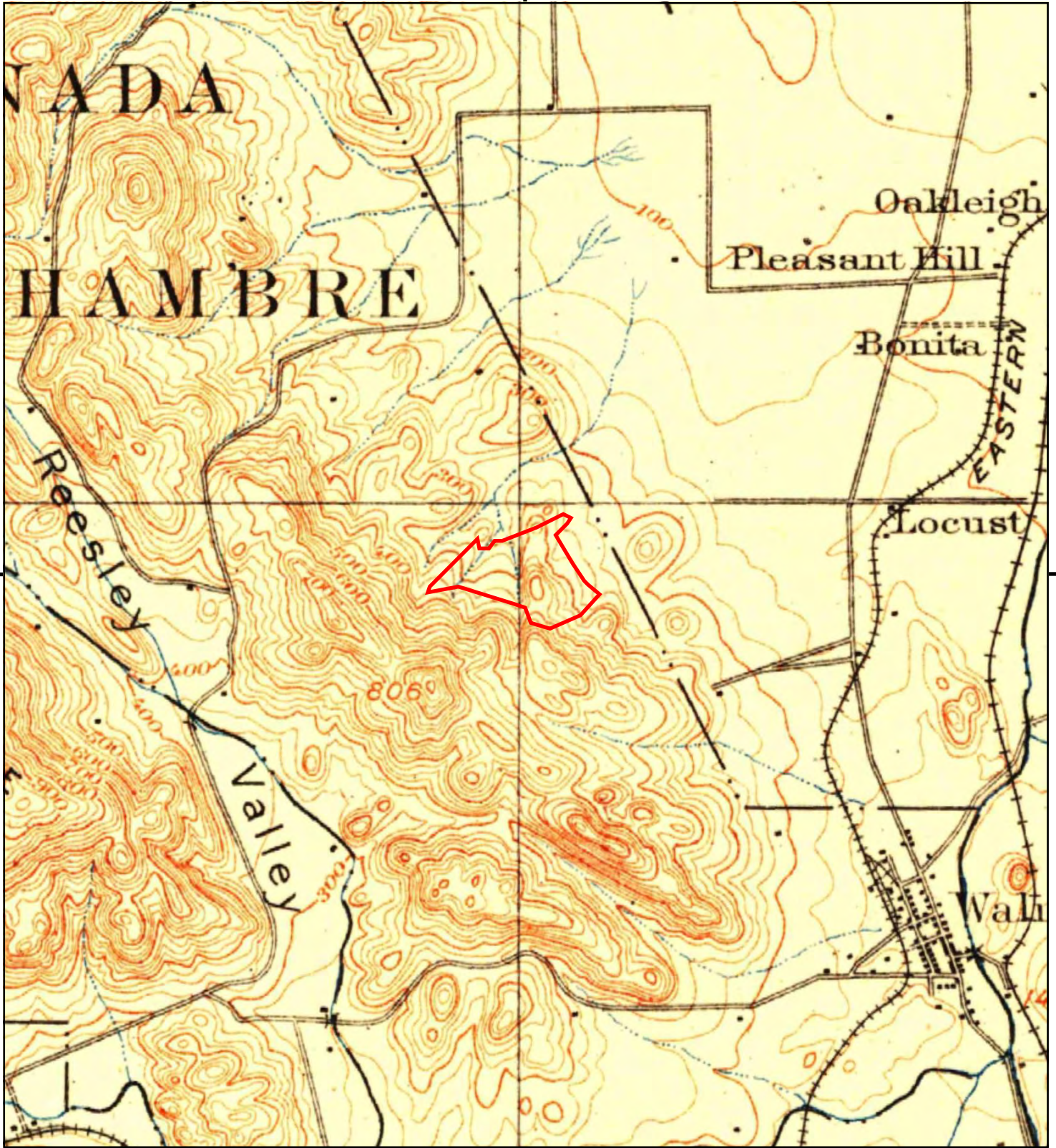
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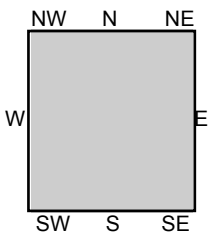
TP, Walnut Creek, 1947, 7.5-minute

SITE NAME: EBMUD Walnut Creek Water Treatment f
ADDRESS: 2201 Larkey Lane
 Walnut Creek, CA 94597
CLIENT: Woodard & Curran





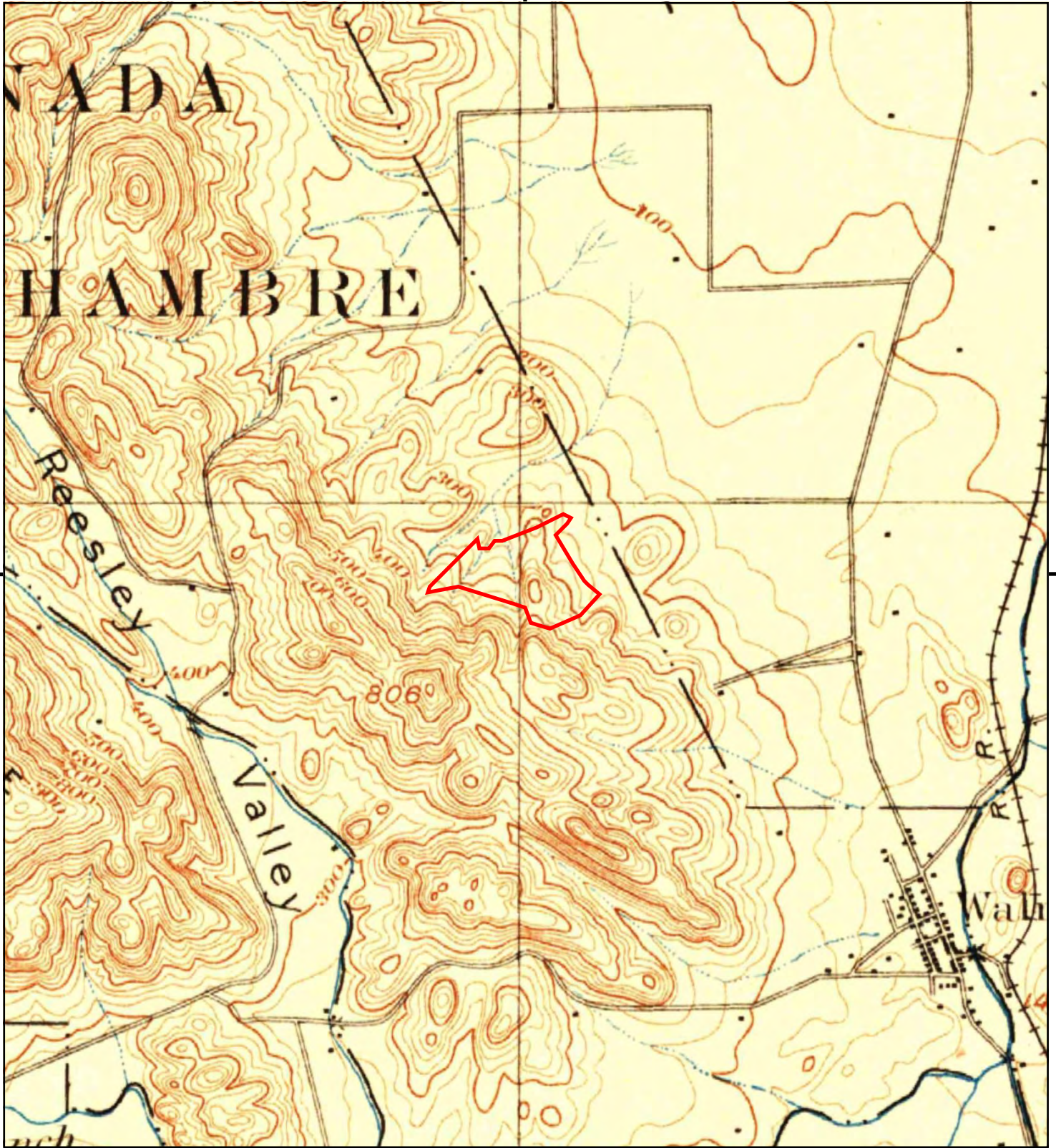
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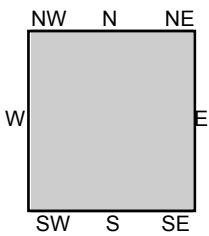
TP, Concord, 1915, 15-minute

SITE NAME: EBMUD Walnut Creek Water Treatment F
ADDRESS: 2201 Larkey Lane
Walnut Creek, CA 94597
CLIENT: Woodard & Curran





This report includes information from the following map sheet(s).



TP, Concord, 1897, 15-minute

SITE NAME: EBMUD Walnut Creek Water Treatment F
ADDRESS: 2201 Larkey Lane
Walnut Creek, CA 94597
CLIENT: Woodard & Curran



Historical Fire Insurance Maps (No Coverage)

EBMUD Walnut Creek Water Treatment Plant

2201 Larkey Lane

Walnut Creek, CA 94597

Inquiry Number: 6849864.3

February 07, 2022

Certified Sanborn® Map Report



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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

02/07/22

Site Name:

EBMUD Walnut Creek Water T
2201 Larkey Lane
Walnut Creek, CA 94597
EDR Inquiry # 6849864.3

Client Name:

Woodard & Curran
2175 North California Blvd. Suite 315
Walnut Creek, CA 94596
Contact: Kevin Almestad



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Certified Sanborn Results:

Certification # E68C-480F-BA3D
PO # 0011797.00
Project EBMUD WCWTP Phase I ESA



Sanborn® Library search results

Certification #: E68C-480F-BA3D

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

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City Directory

EBMUD Walnut Creek Water Treatment Plant

2201 Larkey Lane
Walnut Creek, CA 94597

Inquiry Number: 6849864.5
February 08, 2022

The EDR-City Directory Image Report

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SECTION

Executive Summary

Findings

City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1990	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1975	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

2201 Larkey Lane
Walnut Creek, CA 94597

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
<u>LARKEY LN</u>		
2017	pg A2	EDR Digital Archive
2014	pg A4	EDR Digital Archive
2010	pg A6	EDR Digital Archive
2005	pg A8	EDR Digital Archive
2000	pg A10	EDR Digital Archive
1995	pg A12	EDR Digital Archive
1992	pg A14	EDR Digital Archive
1990	pg A15	Haines Criss-Cross Directory
1985	pg A16	Haines Criss-Cross Directory
1980	pg A17	Haines Criss-Cross Directory
1975	pg A18	Haines Criss-Cross Directory
1975	pg A19	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

LARKEY LN 2017

2278 HARRINGTON, JOSEPH S
2314 KENNY, STEPHEN T
2326 IM, WING Y
2338 RUCH, JOHN C
2347 AH, YEE F
2400 WEINER, ERIC B
2422 DAVIES, NEIL
2430 WARD, JONATHAN W
2438 YOUNG, LANCE C
2448 APPEL, MATTHEW R
2452 DUKE, CINDY D
2455 CONNOLLY, PATRICK W
2461 RIEBLING, RICHARD M
2468 GRIFFIN, CLIFTON
2471 AMBROSINI, MARCO E
2480 CAULBOY, VINCENT C
2481 ZIMMERMAN, MARSH
2487 PROCHERENA, TIMOTHY F
2488 DAVIS, SAM C
2491 FONTANOT, STEVEN J
2495 CHANG, CHI H
2498 WELLS, ADAM M
2499 JOY, CAROLAN E
2510 LAWRENCE, DAVID E
2531 CERVANTES, DOUG D
2532 NICULA, LEVI N
2542 BUTLER, JO A
2552 ROGERS, BRYAN E
2562 SANTONE, LAWRENCE R
2572 FRANKLIN, M
2600 BULLOTA, DALE L
2612 GRANGER, MICHAEL E
2624 BURKE, NICHOLAS R
2633 AYIK, MEHMET
2636 FELIX, MICHAEL A
2641 KIM, SANG
2643 PULIATCH, NEIL A
2648 FRENCH, CASH M
2657 ZABLOCKI, FRANCIS E
2660 MCFERRIN, JAMES R
2667 COONEY, DENNIS J
TRAN, ANH V
2721 CONTRA COSTA CHRISTIAN SCHOOLS
2750 SEVILLA, EVELYN S
2753 LUTHER, KURT E
2754 KRETA, STEPHEN J
2756 SIHNER, WENDY A
2758 LAWRENCE, MARK C
2760 LEVY, DAVID H
2761 WOZNAK, BRIAN P

LARKEY LN 2017 (Cont'd)

2762 BOLTER, STEVE M
2764 RODOCKER, ART D
2766 RANDHAWA, HASAN P
2770 SPANGENBERG, ED L
2781 CONNELLY, ROBERT M
2800 LARKEY MINI MARKET & DELI
2801 PAGE, WILLIAM T
2848 BERG, ROGER W
2853 FALETTI, DANIEL M
2856 SHIMADA, GLENN O
2859 STORACE, STELIRO L
2862 DANNA, MICHAEL
2868 ESSER, ELIZABETH
2874 LOGAN, MARC N
2877 MCCALL, ANDREW J
2880 DARABI, PARVIZ L
2881 BAGHERI, PAYANDEH K

LARKEY LN 2014

2201 OVERAA CONSTRUCTION
2278 OCCUPANT UNKNOWN,
2314 KENNY, STEPHEN T
2326 IM, WING Y
2338 RUCH, JOHN C
2347 AHYEE, FRANCIS
2400 TORCHIANA, TIMOTHY L
2422 HINCKLEY, MICHAEL K
2430 WARD, JONATHAN W
2438 YOUNG, LANCE
2452 DUKE, CINDY D
2455 CONNOLLY, PATRICK W
2461 LYNCH, MICHAEL S
2468 GRIFFIN, CLIFTON
2471 AMBROSINI, MARCO E
2472 BEZDEK, ROGER L
2475 ROSE, CRAIG N
2480 CAULBOY, VINCENT C
2481 ZIMMERMAN, MARSH
2487 PROCHERENA, TIMOTHY F
2488 DAVIS, SAM C
2491 FONTANOT, STEVEN J
2495 OCCUPANT UNKNOWN,
2496 LUENGO, JEFFREY A
2498 WELLS, ADAM M
2499 KINO, MICHAEL T
2510 LAWRENCE, DAVID E
2515 SPIDLE, MANEKA M
2520 MARGATE, ALLAN C
2531 CERVANTES, DOUG D
2532 NICULA, LEVI N
2535 LOELIGER, JAMES K
2542 BUTLER, JO A
2552 ROGERS, BRYAN E
2562 SANTONE, LAWRENCE R
2572 FRANKLIN, MARY M
2600 BULLOTA, DALE L
2612 GRANGER, MICHAEL E
2624 OCCUPANT UNKNOWN,
2633 AYIK, MEHMET
2636 FELIX, MICHAEL A
2641 KIM, SANG
2643 PARKER-PULIATCH, NEIL A
2648 FRENCH, CASH M
2657 ZABLOCKI, FRANCIS E
2660 FLORES, MATTHEW
2667 COONEY, DENNIS J
TRAN, ANH V
2721 CONTRA COSTA CHRISTIAN HIGH SCHOOL &
WOODLANDS CHRISTIAN SCHOOL

LARKEY LN 2014 (Cont'd)

2750	SEVILLA, EVELYN S
2752	LOFY, MICHAEL B
2753	LUTHER, KURT E
2754	KRETA, STEPHEN J
2756	GOLDMAN, WENDY A
2758	LAWRENCE, MARK C
2760	LEVY, DAVID H
2761	WOZNAK, BRIAN P
2762	BOLTER, STEVE M
2764	RODOCKER, ART D
2766	RANDHAWA, HASAN P
2768	SPANGENBERG, ED L
2770	OCCUPANT UNKNOWN,
2780	FLITTIE, RICHARD S
2781	CONNELLY, ROBERT M
2800	LARKEY MINI MARKET & DELI
2801	PAGE, WILLIAM T
2816	OCCUPANT UNKNOWN,
2817	TANJI, ARTHUR M
2832	OCCUPANT UNKNOWN,
2848	ROGER, BERG
2853	FALETTI, DANIEL M
2856	SHIMADA, GLENN O
2859	STORACE, STELIRO L
2862	OCCUPANT UNKNOWN,
2868	ESSER, ELIZABETH
2874	LOGAN, MARC N
2877	MCCALL, ANDREW J
2880	SOBHIAZAR, N
2881	BAGHERI, PAYANDEH K

LARKEY LN 2010 (Cont'd)

2721 ADVENTURE DAY CAMP
 CONTRA COSTA CHRISTIAN SCHOOLS
2750 HELMS, PETER M
2753 LUTHER, KURT E
2754 KRETA, STEPHEN J
2756 WENDY, SIHNER
2758 LAWRENCE, MARK C
2760 LEVY, DAVID H
2761 COLE BELLA PAINT & DECORATING
 WOZNAK, BRIAN P
2762 BOLTER, STEVE M
2764 RODOCKER, SANDRA A
2766 RANDHAWA, PERVEZ I
2768 SPANGENBERG, ED L
2770 OCCUPANT UNKNOWN,
2771 CROWLEY, JAMES J
2780 MECHAM, NOLAN M
2781 LAMB, GUY S
2800 LARKEY MINI MARKET & DELI
2801 PAGE, WILLIAM T
2816 NAVARRO, ROSA
2817 TANJI, ARTHUR M
2832 OCCUPANT UNKNOWN,
2848 BERG, ROGER W
2853 FALETTI, DANIEL M
2856 SHIMADA, BRUCE H
2859 STORACE, STELIRO L
2868 HALL, METTE
2874 LOGAN, MARC N
2877 MCCALL, ANDREW J
2880 DARABI, PARVIZ L
2881 OCCUPANT UNKNOWN,
 UNIVERSAL REALTY & MORTGAGE

LARKEY LN 2005

2278 HARRINGTON, BEN I
 2314 KENNY, STEPHEN T
 2338 RUCH, JOHN C
 2347 AYHEE, FRANCIS K
 2400 KAYE, MICHAEL S
 2422 HINCKLEY, MICHAEL
 2430 DOMANSKI, CATHERINE M
 2438 HELLMANN, ERIC R
 2448 HENDERSON, TARA
 2452 DUKE, CINDY D
 2455 CARPENTER, MARK D
 2461 ELLIOTT, GINO R
 2464 REMPEL, GEORGE G
 2468 GRIFFIN, CLIFFORD E
 2471 AMBROSINI, MARCO E
 2472 BEZDEK, ROGER L
 2475 PENROSE, ROBERT W
 2480 CAULBOY, VINCENT J
 2481 ZIMMERMAN, MARSHA A
 2487 PAAUWE, LEONARD W
 2488 ROSENSTRAUCH, SHAWN
 2491 GROMACKI, CATHERINE H
 REMAX
 2495 OCCUPANT UNKNOWN,
 2498 BARNARD, DAVID A
 2499 KINO, YOSHIYE
 2515 OCCUPANT UNKNOWN,
 2531 CERVANTES, DOUG D
 2532 NICULA, LEVI M
 2535 OLSON, DANIEL J
 2542 BUTLER, JOANNA T
 2552 ROGERS, MARTHA R
 2562 LEWIS, BRAD A
 2572 FRANKLIN, MARY M
 2600 BULLOTA, DALE L
 2612 GRANGER, MICHAEL E
 2624 WALSH, KEVIN M
 2633 AYIK, MEHMET
 2635 ALAVI, SETAYESH
 2636 FELIX, MICHAEL A
 2639 HAGA, JASON
 2641 SANDOVAL, JOSE C
 2648 KURAKAZU, CHISAYE H
 2657 FRANK ZABLOCKI GENERAL CONTG
 ZABLOCKI, FRANCIS E
 2660 MCFERRIN, JAMES R
 2667 COONEY, DENNIS J
 TRAN, ANH V
 2750 WILLIAMS, DENNIS L
 2752 SPECIALE, ANITA E

LARKEY LN 2005 (Cont'd)

2753	LUTHER, KURT E
2754	KRETA, STEPHEN J
2756	SAGER, WILLIAM F
2758	LAWRENCE, MARK C
2760	LEVY, DAVID H
2761	KOELLNER, EGLA
2762	BOLTER, STEVE M
2764	RODOCKER, SANDRA A
2766	RANDHAWA, PERVEZ I
2768	SPANGENBERG, ED
2770	OCCUPANT UNKNOWN,
2771	ALSTERLIND, KURT
2780	DUKE, ELLEN K
2800	LARKEY MINI MARKET & DELI
2801	PAGE, WILLIAM T
2816	HUAPALLA, VICTOR
2817	TANJI, ART
2832	OCCUPANT UNKNOWN,
2848	BERG, ROGER W
2853	FALETTI, DANIEL M
2856	OCCUPANT UNKNOWN,
2859	STORACE, STELIRO L
2862	FREET, ROGER M
2868	HALL, LAJUAN M
2874	SHORE, MARK E
2877	MCCALL, ANDREW J
2880	DARABI, PARVIZ L
2881	GARCIA, STEVEN M

LARKEY LN 2000

2278 HARRINGTON SURVEYS INCORPORATED
 2314 PEREZ, MERCHE C
 2326 STUBBS, STANTON
 2338 RUCH, JOHN C
 2347 AH, YEE F
 AHYEE, FRANCIS
 2400 KAYE, MICHAEL S
 2422 HINCKLEY, MICHAEL
 2430 BRUNK, KARL H
 2438 HELLMANN, ERIC R
 2448 VISCIA, JOANNE
 2452 OCCUPANT UNKNOWN,
 2455 PAULEY, JEROLYN G
 2461 HERMAN, ANNA M
 2468 CHEW, CRAIG K
 2471 AMBROSINI, MARCO
 2472 BUSH, FAYE
 2475 PENROSE, ROBERT W
 2480 CAULBOY, VINCENT
 2481 ZIMMERMAN, MARSHA
 2487 COULTER, LILA
 PAAUWE, LEONARD
 2488 HUSTED, KRISTEN A
 2491 BELLAMY, LANCE L
 2495 CHANG, CHI
 2496 GAYA, JOCELYN L
 2498 WRIGHT, JOHN H
 2499 KINO, AKIO
 2515 ARONSON, SCOTT M
 2531 CERVANTES, DOUG
 2532 GOLDEN, KENNETH H
 2535 OLSON, DANIEL J
 2542 OCCUPANT UNKNOWN,
 2552 ROGERS, MARTHA
 2562 KITCHENS, KENNETH L
 2572 FRANKLIN, F E
 2600 RICKETTS, ROBERT G
 2612 GRANGER, MICHAEL E
 2624 OCCUPANT UNKNOWN,
 2633 NEW HORIZONS LEARNING CENTER PRE SCHOOL
 OCCUPANT UNKNOWN,
 2635 MARTINEZ, ZAYDA
 2648 KURAKAZU, KEN S
 2657 ZABLOCKI, FRANCIS E
 2660 MCFERRIN, JAMES
 2667 TRAN, ANH V
 2721 CONTRA COSTA CHRISTIAN HIGH SCHOOL & JR HIGH
 CONTRA COSTA CHRISTIAN SCHOOLS
 WOODLANDS CHRISTIAN SCHOOL
 2750 MARTINEZ, ROBERT

LARKEY LN 2000 (Cont'd)

2750	WILLIAMS, DENNIS
2752	MORGAN, DAVID
2753	HUNT, M B
2756	SAGER, WILLIAM F
2758	LAWRENCE, MARK C
2761	KOELLNER, WERNER
2762	BOLTER, STEPHEN M
2764	BOSCHETTI, RICHARD
2766	OCCUPANT UNKNOWN,
2767	OCCUPANT UNKNOWN,
2768	OCCUPANT UNKNOWN,
2771	CROWLEY, KERRI A
2780	MECHAM, NOLAN L
2781	SRINIVASAN, BHARAT
2800	LARKEY MINI MARKET & DELI
2801	PAGE, WILLIAM T
2816	GOTSCHALL, LINDA L
2848	BERG, ROGER W
2856	SHIMADA, YOSHI
2862	OCCUPANT UNKNOWN,
2868	HANKS, LESLIE M
2874	SHORE, ELENA
2880	AHAESY, MILDRED

LARKEY LN 1995

2278 HARRINGTON, B
2315 OCCUPANT UNKNOWNN
2326 KRENEK, AYMOND R
2338 RUCH, JOHN C
2347 AH, YEE F
AHYEE, FRANCIS
2400 OCCUPANT UNKNOWNN
PAMPERED PETS
2422 CADY, JAMES M
2430 BRUNK, KARL H
2438 OCCUPANT UNKNOWNN
2448 OCCUPANT UNKNOWNN
2452 DRESSLER, ELLY
2455 CARPENTER, MARK
2461 MANCARELLA, ANNA F
2462 OCCUPANT UNKNOWNN
2464 OCCUPANT UNKNOWNN
2468 OCCUPANT UNKNOWNN
2471 AMBROSINI, MARCO
2472 ANGELS TOWING
BEZDEK, ROGER L
2475 PENROSE, ROBERT W
2480 CAULBOY, VINCENT JR
2481 WANSLEY, SUZANNE
2487 COULTER, LILA
PAAUWE, LEONARD
2491 OCCUPANT UNKNOWNN
2495 CHANG, CHI H
2496 OCCUPANT UNKNOWNN
2498 OCCUPANT UNKNOWNN
2499 KINO, AKIO
2515 BOWLES, DAVID S
2531 CEVANTES, ANGELA
2532 GOLDEN, KENNETH H
2535 OLSON, DANIEL
2542 BUTLER, JOHN T
2552 ROGERS, MARTHA
2562 KITCHENS, KENNETH L
2572 FRANKLIN, F E
2624 VANHOWE, RONALD J
2633 ROE, RICHARD P
2635 RYCE, STUART E
2636 FELIX, MICHAEL A
2637 MENDOZA, PAMELA M
2639 BOILER, P
2641 GILLESPIE, C
2643 OCCUPANT UNKNOWNN
2648 KURAKAZU, KEN S
2657 ZABLOCKI, FRANCIS E
2660 MCFERRIN, JAMES

LARKEY LN**1995****(Cont'd)**

2667	TRAN, ANH V
2721	CONTRA COSTA CHRISTIAN HIGH WOODLANDS CHRISTIAN SCHOOL
2750	MARTINEZ, ROBERT WILLIAMS, DENNIS
2752	SHORTRIDGE, KENNETH
2753	HUNT, M B
2756	SAGER, WILLIAM F
2758	GAW, JAMES H
2760	WALLMANN, JAMES L
2761	KOELLNER, WERNER
2762	BOLTER, STEPHEN M
2764	BOSCHETTI, RICHARD
2766	RANDHAWA, PERVEZ I
2768	ARNAUDO, JOHN B
2771	GISTELLI, MARY C
2780	DUKE, ELLEN K
2781	SRINIVASAN, BHARAT
2800	LARKEY MINI MARKET & DELI
2801	PAGE, WILLIAM T JR
2816	GOTSCHALL, LINDA L
2817	TANJI, AKIMASA
2848	BERG, ROGER W
2856	SHIMADA, YOSHI
2862	OCCUPANT UNKNOWNN

LARKEY LN 1992

2278 HARRINGTON, B
 2314 SMITH, PAUL L
 2315 COOPER, ERIC
 2347 AHYEE, FRANCIS
 2422 JONES, CECIL S
 2430 BRUNK, KARL H
 PARSONS, JAMES T
 2455 CARPENTER, MARK
 2468 R P M TECHNI CON
 2475 PENROSE, ROBERT W
 2480 CAULBOY, VINCENT JR
 2481 DOYLE, MIKE
 ZIMMERMAN, MARSHA
 2487 COULTER, LILA
 PAAUWE, LEONARD
 2499 KINO, AKIO
 2531 PATZ, GARY L
 2532 GOLDEN, KENNETH H
 2535 OLSON, DANIEL
 2635 RYCE, STUART E
 2636 FELIX, MICHAEL A
 2641 LOPEZ, GEORGE
 2648 KURAKAZE, KEN S
 2657 ZABLOCKI, FRANCIS E
 2667 TRAN, ANH V
 2721 CHURCH OF CHRIST HS
 CONTRA CST CHRSTN
 WOODLANDS CHRSTN SC
 2750 MARTINEZ, ROBERT
 WILLIAMS, DENNIS
 2753 HUNT, M B
 2756 SAGER, WILLIAM F
 2761 KOELLNER, WERNER
 2764 BOSCHETTI, RICHARD
 2766 RANDHAWA, PERVEZ I
 2768 GALL, CYD
 2771 GISTELLI, MARY C
 2780 CHALMERS, DONAL
 2781 WASSOM, BRYAN
 2800 LARKEY MINI MARKET
 2801 PAGE, WILLIAM T JR
 2816 GOTSCHALL, LINDA L
 2817 TANJI, AKIMASA
 2848 BERG, ROGER W
 2856 SHIMADA, YOSHI

LARKEY LN 1990

LARKEY LN 94596
WALNUT CREEK

2278	HARRINGTON Beverley	933-2586 +0
2314	SMITH Paul L	932-6185
2326	XXXX	00
2338	KUBO Iseo	932-5046 1
2347	AHYEE F	943-8230 1
2400	PURO Glenn	256-0592 +0
2422	JONES Cecil S	935-4251
2430	CONNER Lloyd M	934-9228 6
2438	CHEEK Steven	933-4561 6
2448	XXXX	00
2452	ENYEART Harley	938-4725
2456	SOGA Clem	944-1121 8
	SOGA Marie	944-1121
2461	XXXX	00
2464	XXXX	00
2466	★ R P M TECHN CON	944-9119 +0
	TURNEY Michael	933-4344 +0
	TURNEY Nancy	933-4344 +0
2471	XXXX	00
2475	PENROSE Robt W	935-4473
2480	CAULBOY Vincent Jr	939-3820
2487	NOH Kerry	939-8129 +0
	NOH Susan	939-8129 +0
2488	XXXX	00
2491	ADAMS Thomas M	932-3766
2495	XXXX	00
2498	XXXX	00
2499	KINO Akio	935-2844
2515	XXXX	00
2531	PATZ Gary L	938-0643 3
2532	GOLDEN Kenneth H	935-3093
2535	OLSON Danl	937-1374
2542	BUTLER John T	937-1854
2552	XXXX	00
2572	XXXX	00
2624	GREEN Joe	934-3007
2635	GRUCELLA Judie	256-0784
	GRUCELLA Robt	256-0784 9
2636	FELIX Michael A	939-0814
2637	ALAVI Behzed	947-1726 7
2639	XXXX	00
2641	LOPEZ George	932-2593 9
2643	XXXX	00
2648	KURAKAZU Kan S	935-4742
2657	ZABLOCKI Francis	945-1398 7
	ZABLOCKI Francis E	932-5435 8
2660	XXXX	00
2667	TRAN Anh V	946-9891 5
2721	★ CHURCH OF CHRIST HS	832-0436 +0
	★ CONTRA CST CHRSTN	034-4984 2
	★ WOODLANDS CHRSTN SC	945-6883 2
2750	MARTINEZ Evelyn	934-9207
	MARTINEZ Robert	934-9207
	WILLIAMS Dennis	934-9207 6
2753	HUNT M B	939-8089
2754	XXXX	00
2756	SAGER W F	934-4267
2760	XXXX	00
2761	KOELLNER Werner	937-6433
2762	XXXX	00
2764	BOSCHETTI Richard	938-3861
2768	RANDHAWA Pervez I	933-9679
	RANDHAWA Zafar I	933-9879
2768	GALL Cyd	946-1896 5
2771	GISTELLI M C	932-1885
2780	CLARK M K	946-0711 8
2781	WASSOM Bryan	258-0534 9
	WASSOM Rosanne	258-0534
2800	★ LARKEY DELI	832-7970 8
2801	PAGE Wm T Jr	932-3888
2816	GOTSCHALL Linda L	939-8799
2817	TANJI Akimasa	935-0343
2832	XXXX	00
2848	BERG Roger W	939-3946
2856	SHIMADA Yoahi	935-0243
2862	HALTON Andrew J	945-1842 9
	★ 5 BUS 71 RES 8 NEW	

LARKEY LN 1985

LARKEY LN 94596
WALNUT CREEK

2278	HARRINGTON BEN	930-0025	4
2314	SMITH PAUL L	932-5185	9
2328	XXXX	00	
2338	KUBO ISAO	932-5046	1
2347	ANYEE F	943-6230	1
2400	ELSISHANS JOHN G	947-5774	+5
2422	JONES CECIL S	935-4251	
2430	XXXX	00	
2438	XXXX	00	
2448	XXXX	00	
2452	ENYEART HARLEY	938-4725	6
	JOHNSON S R	945-0390	+5
2455	ARAJ JEFFREY	934-3805	4
2481	XXXX	00	
2464	CHRISTOPHER W	946-1127	+5
2471	SCOVEL T	933-2120	4
2475	PENROSE ROBT W	935-4473	
2480	CAULBOY VINCENT JR	939-3820	
2487	ROBINETT MICHAEL	939-8129	0
2488	XXXX	00	
2491	ADAMS THOMAS M	932-3756	9
2495	XXXX	00	
2496	LEONARD NANCY J	944-0915	0
2499	KINO AKIO	935-2844	
2515	ELLIOTT MEL	932-3594	4
2531	PATZ GARY L	938-0643	3
2532	GOLDEN KENNETH H	935-3093	
2535	OLSON DANL	937-1374	
2542	BUTLER JOHN T	937-1854	
2552	ROGERS JAS F JR	935-7565	
2572	XXXX	00	
2524	GREEN JOE	934-3007	
2633	AMOROSO MARK	930-6609	2
2636	FELIX MICHAEL A	939-0014	
2637	XXXX	00	
2639	ZABLOCKI FRANCIS E	932-6435	4
2641	DELEA TOM	944-9583	2
2643	LAMAR LESTER	935-1447	
2548	KURAKAZU KEN S	935-4742	
2657	XXXX	00	
2560	XXXX	00	
2667	STEELMAN MARTIN	937-7128	+5
	TRAN ANH V	946-9891	+5
2721	CONTRA CET CHRSTM	934-4844	2
	WGOULANDS CHRSTM SC	945-5883	2
2750	XXXX	00	
2753	HUNT M B	939-6089	
2754	XXXX	00	
2756	SAGER W F	934-4267	6
2760	MILES JOSEPH A	944-0386	8
2761	KOELLNER WERNER	937-6433	
2762	XXXX	00	
2764	BOSCHETTI RICHARD	938-3861	7
2766	RANDHAWA PERVEZ I	933-9679	
	RANDHAWA ZAFAR I	933-9679	
2768	GALL CYD	946-1896	+5
2771	GISTELLI M C	932-1865	7
2780	XXXX	00	
2800	SAN GEORGES DELI	932-7970	+5
2801	PAGE WM T JR	932-3888	
2816	GOTSCHALL LINDA L	939-8799	
2817	TANJI AKIMASA	935-0343	
2832	XXXX	00	
2848	BERG ROGER W	939-3946	
2856	SHIMADA YOSHI	935-0243	
2852	XXXX	00	
	★ 3 BUS	63 RES	7 NEW

LARKEY LN 1980

LARKEY LN 94596 WALNUT CREEK

2278	HARRINGTON BENNY I	939-4688
2314	SMITH PAUL L	932-5185 9
2326	BAK WALTER R JR	944-0180 +0
	GALLO WM JR	944-0180 +0
2338	RODDICK J B	933-7125 2
2347	SMITH ANN MRS	939-3280
★	WEIR LEE INTERIORS	939-7151 8
	WEIR LELIA P	939-3260
2400	HENDERSON ALAN	932-4576 +0
2422	JONES CECIL S	935-4251
2430	XXXX	00
2438	XXXX	00
2448	TOOL LAURENCE	933-3942 9
2452	ENYEART HARLEY	938-4725 6
	TUCKER GEO W	935-6814
2455	SJOLUND SVEN B	934-8997
2461	HOLCOMB BASIL F	933-1258
2464	XXXX	00
2471	HILDERBRAND TAMI	937-5416 9
2475	PENROSE ROBT W	935-4473
2480	CAULBOY VINCENT JR	939-3820
2487	ROBINETT MICHAEL	939-8129 +0
2488	BELFANTI THOS J	932-8490 +0
2491	ADAMS THOMAS M	932-3756 9
2495★	CHANG STREET	935-5402
2496	LEONARD NANCY J	944-0915 +0
2499	KINO AKIO	935-2844
2515	XXXX	00
2516	PATZ GARY L	938-0643 5
2531	CASWELL RAY	933-5082 +0
2532	GOLDEN KENNETH H	935-3093
2535	OLSON DANL	937-1374 3
2542	BUTLER JOHN T	937-1854 5
2552	ROGERS JAS F JR	935-7565 5
2572	FRANKLIN FREDERIC	938-2636 9
2624	GREEN JOE	934-3007
2633	DELEA TOM	944-9583 +0
2636	FELIX MICHAEL A	939-0614
2637	XXXX	00
2639	WILSON J C	937-5582 3
2641	HILLIARD WORTH	937-9671 9
2643	LAMAR LESTER	935-1447
2648	KURAKAZU KEN S	935-4742
2657	WILLINGHAM JAMES	932-0755 9
2660	XXXX	00
2667	CORNETO RENATE	934-7378 +0
2710★	VETRANO MARIAN HOME	935-8258 4
2721★	LARKEY ELEM SCHOOL	934-8110
2750	XXXX	00
2753	HUNT M B	939-6089 2
2754	XXXX	00
2756	SAGER W F	934-4267 6
2760	MILES JOSEPH A	944-0866 8
2761	KOELLNER WERNER	937-6433 3
2762	XXXX	00
2764	BOSCHETTI RICHARD	938-3861 7
2766	RANOHAWA PERVEZ I	933-9679 8
	RANDHAWA ZAFAR I	933-9679
2770	PEREA J	934-7403 +0
2771	GISTELLI M C	932-1865 7
2780	CATTOLICA STEPHEN	937-8436 8
2800★	PLEASNT HL MARKET	939-8340 +0
2801	PAGE WM T JR	932-3888
2816	GOTSCHALL LINDA L	939-8799 4
2817	TANJI AKIMASA	935-0343
2832	XXXX	00
2848	BERG ROGER W	939-3946
2856	SHIMADA YOSHI	935-0243
2862	BOLIN DAVID M	933-5034 9
2868	BALLARD ROBT H	935-8854 +0
★	5 BUS	65 RES
		12 NEW

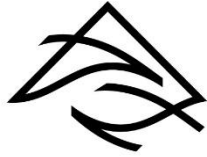
LARKEY LN 1975

LARKEY LN 94596 WALNUT CREEK

2278	HARRINGTON BENNY I	939-4688
2314	ADAIR SCOTT	939-9483+5
2326	CHASE GARY	939-3719+5
2338	RODDICK J B	933-7125 2
2347	SMITH ANN MRS	939-3260
	WEIR JACK E	939-3260
	WEIR LELIA P	939-3260
2400	HUMPHREY R B	933-8746
2422	JONES CECIL S	935-4251
2430	BAIRD ROBT L CAPT	933-7240+5
2438	TOMLINSON STEVEN W	933-0885
2448	XXXX	00
2452	TUCKER GEO W	935-6814
2455	SJOLUND SVEN B	934-8997
2461	HOLCOMB BASIL F	933-1258
2464	NORIMOTO JAS S	937-0589 2
2472	BUSH ORIEN J SR	934-7174
2475	PENROSE ROBT W	935-4473
2480	CAULBOY VINCENT JR	939-3820
2481	KOVACS LIBERTY	939-1756
2487	XXXX	00
2488	XXXX	00
2491	BURNS GEO D	939-7070 4
2495*	CHANG STREET	935-5402
2496	TUBBS MARSHA	934-2017 3
2498	XXXX	00
2499	KIND AKIO	935-2844
2515	XXXX	00
2516	PATZ GARY L	938-0643+5
2531	LAMM WILLIS	938-1470+5
2532	GOLDEN KENNETH H	935-3093
2535	OLSON DANL	937-1374 3
2542	BUTLER JOHN T	937-1854+5
2552	ROGERS JAS F JR	935-7565+5
2572	FRANKLIN FREDERIC	938-2636+5
2600	FALK JOHN H	937-5818 3
2612	XXXX	00
2624	GREEN JOE	934-3007

LARKEY LN 1975

		1975
..LARKEY LN		94596 CONT..
2633	CRAIG L C	939-4468+5
2635*	KING HARGIS BUILDER	939-7014+5
2636	FELIX MICHAEL A	939-0614
2637	PATTERSON RICHARD	937-3738+5
2639	WILSON J C	937-5582 3
2641	HINKLE SHARON	933-6837+5
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2768	XXXX	00
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2801	PAGE WM T JR	932-3888
2816	GOTSCHALL LINDA L	939-8799 4
	*MASON BLDG MAINTNNC	939-6442 4
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