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PUBLIC REVIEW DRAFT

NILES CANYON TRAIL PROJECT
ENVIRONMENTAL IMPACT REPORT
VOLUME II - APPENDICES

STATE CLEARINGHOUSE NO. 2021060647

ALAMEDA COUNTY, CALIFORNIA

LSA

March 2024

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NILES CANYON TRAIL PROJECT
ENVIRONMENTAL IMPACT REPORT
VOLUME II - APPENDICES

STATE CLEARINGHOUSE NO. 2021060647

ALAMEDA COUNTY, CALIFORNIA

Submitted to:

County of Alameda
Public Works Agency
399 Elmhurst Street
Hayward, California 94554

Prepared by:

LSA
157 Park Place
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510.236.6810

Project No. STU2001

LSA

March 2024

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APPENDIX A

NOTICE OF PREPARATION AND COMMENT LETTERS

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Public Works Agency
Alameda County

Daniel Woldesenbet, Ph.D., P.E., Director
399 Elmhurst Street • Hayward, CA 94544-1307 • (510) 670-5480 • www.acpwa.org

NOTICE OF PREPARATION AND NOTICE OF SCOPING MEETING FOR AN ENVIRONMENTAL IMPACT REPORT

Date: June 28, 2021

To: Responsible Agencies, Agencies with Jurisdiction by Law, Trustee Agencies, Involved Federal Agencies, and Agencies/Organizations/Individuals Requesting Notice

From: County of Alameda, Public Works Agency

Subject: Notice of Preparation of an Environmental Impact Report for the Niles Canyon Trail Project

The County of Alameda (Lead Agency) will prepare an Environmental Impact Report (EIR) for the proposed Niles Canyon Trail Project (project). The proposed project would construct a six-mile, Class 1,[1] multi-use trail for pedestrians, bicyclists, and equestrians between the unincorporated community of Sunol and Niles District of the City of Fremont, both in Alameda County. In addition, the project would provide a critical link to Palomares Road bypassing State Route 84 (SR-84) and would expand the Alameda Creek Trail, which provides a direct connection to the 500-mile San Francisco Bay Trail.

This Notice of Preparation (NOP) is being distributed to applicable responsible agencies, trustee agencies, and interested parties as required by the California Environmental Quality Act (CEQA) and CEQA Guidelines Section 15082. Comments from agencies and interested parties are requested as to the scope and content of the environmental review in connection with the proposed project. The County is particularly interested in hearing from public agencies regarding their objectives for environmental information to be included in the EIR that is germane to those public agencies' statutory responsibilities pertaining to the project, and how such information in the EIR will inform such agencies when considering issuing permits or other approvals for project-related activities. The purpose of the EIR will be to evaluate the specific environmental effects of the project.

Due to the time limits mandated by State law, public agencies and members of the public are requested to send their responses to the NOP to the County at the address and person provided below as soon as possible but not later than 30 days after publication of the NOP, or by **Tuesday, July 27, 2021, 5:00 p.m.** Agencies and organizations are requested to provide a contact name in your organization for any further consultation.

[1] Class 1 Bikeways (Bike Paths) are paved rights-of-way completely separated from streets. Bike paths are often located along waterfronts, creeks, railroad rights-of-way or freeways with a limited number of cross streets and driveways. These paths are typically shared with pedestrians and often called mixed-use paths.

PROJECT LOCATION

The project site consists of an approximately six-mile trail alignment through Niles Canyon between the Niles District in the City of Fremont and the unincorporated community of Sunol in Alameda County. The project site is defined as the proposed trail alignment, which would be approximately 14 feet wide and extend approximately 6 miles in length. Refer to **Figure 1** for the project's regional location.

The project area and vicinity is characterized by a variety of conditions, including urban and built environments, State Route-84, the Union Pacific and Niles Canyon railroad tracks, and the Sunol Aqueduct. Topography along the proposed trail alignment ranges from relatively flat within the urban lands of Fremont and along existing roadways to very steep within the undeveloped lands along Alameda Creek. The majority of the proposed trail alignment would run along Alameda Creek, which flows from east to west and eventually drains to the San Francisco Bay.

The majority of the proposed trail alignment would be located within public right-of-way (e.g., City of Fremont, Caltrans) or on lands owned by public agencies, including East Bay Regional Park District (EBRPD), Alameda County and the San Francisco Public Utilities Commission (SFPUC). Some private properties would also be traversed.

PROJECT OVERVIEW

The proposed multi-use trail would be developed in three phases. Each phase would be independent in service and function. **Figure 2** depicts the proposed conceptual trail alignment. The phases are:

Phase 1 – Niles District to Palomares Road. The first phase would complete the connection from the Niles District in the City of Fremont to Palomares Road. To provide independent utility, the project would need to create a new crossing of SR-84 parallel to the Farwell Bridge.

Phase 2 – Palomares Road to Brightside Railroad Yard. The second phase would begin at Palomares Road and end at the Brightside Railroad Yard.

Phase 3 – Brightside to Sunol. The final phase would complete the trail between Niles and Sunol.

The multi-use trail would be open to hikers, bicyclists, and equestrians. The proposed trail would consist of a 10-foot wide, all-weather surface with 2-foot shoulders on either side composed of decomposed granite. The trail surface would likely consist of 4 inches of asphalt concrete atop 6 inches of class II aggregate base. The trail would meet accessibility guidelines, meaning that the grade in the direction of travel would be less than 5 percent and the cross slope would be no more than 2 percent. The trail design would incorporate several different barrier options to separate trail users from railroad and highway traffic. These barriers would be designed to accommodate wildlife passage. In addition, retaining walls would need to be installed in some locations to accommodate slope cuts. These walls would be sculpted concrete with soil nail tiebacks.

The project would include provisions of staging areas with sufficient parking to avoid impacts to surrounding neighborhoods from visitors' vehicles. Staging areas would be created at both Niles and Sunol, as well as Palomares Road. In addition, existing staging areas associated with the Alameda Creek Trail could support the need for parking.

AREAS OF POTENTIAL ENVIRONMENTAL EFFECT

The EIR will analyze the environmental impacts of all three phases of project implementation – Phase 1 will be evaluated at the project level; Phases 2 and 3 will be evaluated at a programmatic level. The EIR will analyze the significant environmental effects associated with all aspects of the project, including construction, operation, and maintenance.

Based on the Lead Agency's understanding of the environmental issues associated with the proposed project, a comprehensive EIR will be prepared. The topics anticipated to require analysis in the EIR will include, but not be limited to the following: aesthetics; air quality; biological resources; cultural resources; geology and soils; greenhouse gas emissions; hazards and hazardous materials; hydrology and water quality; land use and planning; noise; transportation; tribal cultural resources; and wildfire. The Lead Agency will not prepare an Initial Study for this project.

POTENTIAL ALTERNATIVES TO BE EVALUATED IN THE DRAFT EIR

In accordance with Section 15126.6 of the State CEQA Guidelines, an EIR must "describe a range of reasonable alternatives to the project, or to the location of the project, which would feasibly attain most of the basic objectives of the project, but would avoid or substantially lessen any of the significant effects of the project, and evaluate the comparative merits of the alternatives." As required by CEQA, the Draft EIR will evaluate a No Project Alternative. Aside from the No Project Alternative, the County has not yet determined what additional alternatives to the project will be evaluated in the Draft EIR. Comments on this NOP may inform the alternatives selected for analysis. Once selected, the alternatives will be analyzed at a qualitative level of detail in the Draft EIR for comparison against the impacts identified for the proposed project, consistent with the requirements of CEQA. As required by CEQA Guidelines Section 15126.6 (e)(2) the Draft EIR will identify the environmentally superior alternative, including one other than the No Project Alternative.

INTENDED USES OF THE DRAFT EIR

The Draft EIR will evaluate the environmental effects associated with the implementation of the proposed Niles Canyon Trail Project. The Draft EIR is intended for public participation and disclosure, and ultimately for consideration by the County in making a decision about whether or not to approve the project, as well as for use by other agencies, as needed. Upon incorporation of public and agency comments on the Draft EIR, the County anticipates preparing and publishing a Final EIR. The County will then determine whether to certify the EIR in compliance with the CEQA Statute and Guidelines, and the County and other agencies, as needed, will determine whether to issue permits for the project.

NOTICE OF SCOPING MEETING AND REQUEST FOR WRITTEN COMMENTS

The Lead Agency solicits comments regarding the scope and content of the EIR from all interested parties requesting notice, responsible agencies, agencies with jurisdiction by law, trustee agencies, and involved agencies. Comments should focus on discussion of possible impacts on the physical environment, ways in which potential adverse effects might be minimized, and alternatives to the proposed project in light of the EIR's purpose to provide useful and accurate information about such factors. In addition, comments may be provided at the meeting indicated below.

State CEQA Guidelines set the review and comment period for an NOP to end 30 days after publication. Therefore, the County requests comments on this NOP be received no later than the close of business (5:00 p.m.) on **Tuesday, July 27, 2021.** Please send written comments to:

Jim Browne, Acting Environmental Services Supervisor
Alameda County Public Works Agency
399 Elmhurst Street
Hayward, CA 94554
Email: jimb@acpwa.org

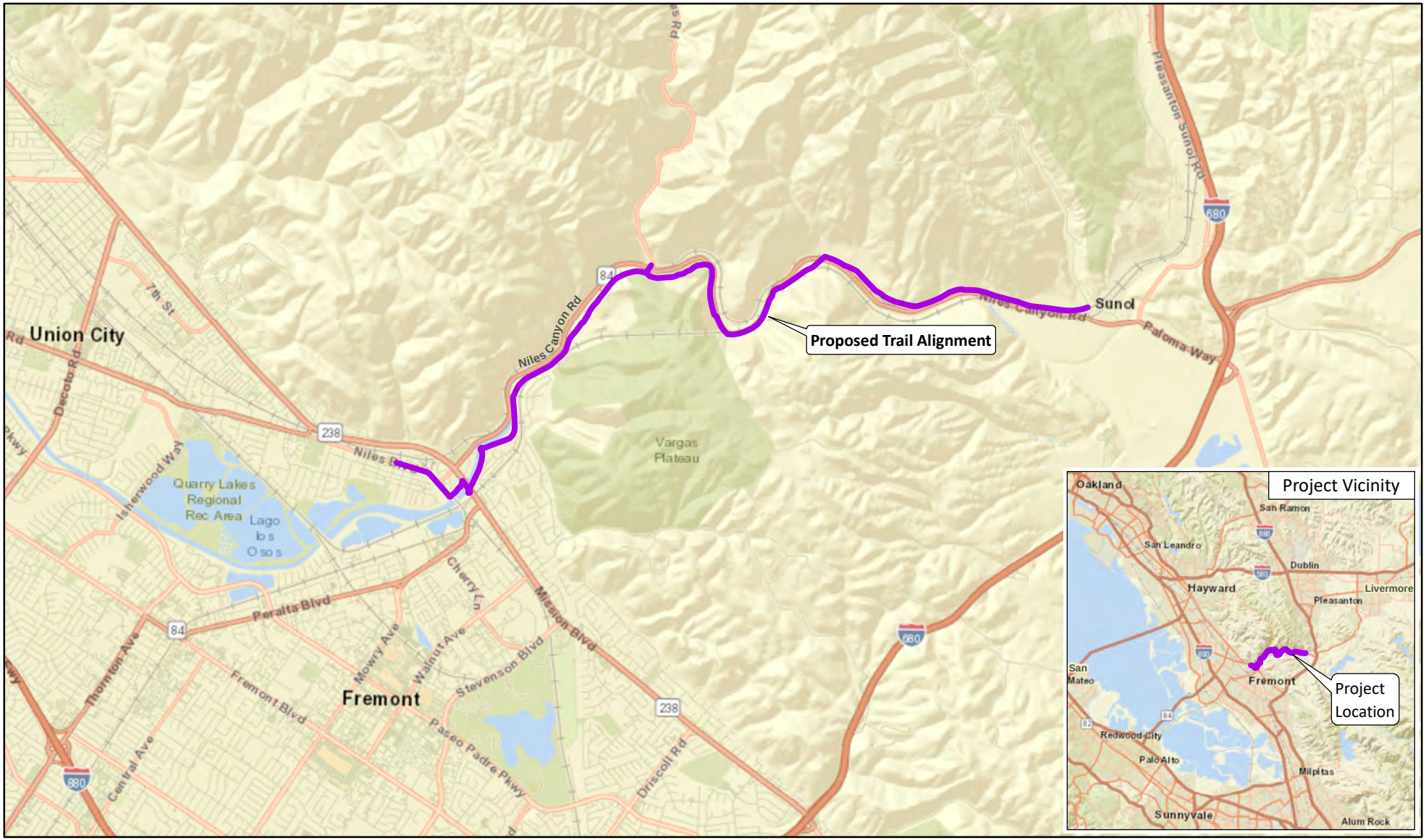
Scoping Meeting: Given the current Executive Order N-33-20 by the Governor of the State of California and the State of Emergency regarding the COVID-19 crisis, a scoping meeting is tentatively scheduled for the project via teleconference and video conference on Thursday, July 15, 2021 from 6:00 p.m. to 8:00 p.m. Final scheduling and instructions for joining the teleconference and video conference will be provided on the County website, at: https://www.acpwa.org/project-information/niles-canyon-trail-project.

All interested parties are invited to submit written comments on the scope of the EIR to assist in identifying issues to be addressed in the EIR.

Jim Browne

Jim Browne, Acting Environmental Services Supervisor

Date: 6/24/2021



LSA

LEGEND

Proposed Trail Alignment

FIGURE 1

0 0.5 1

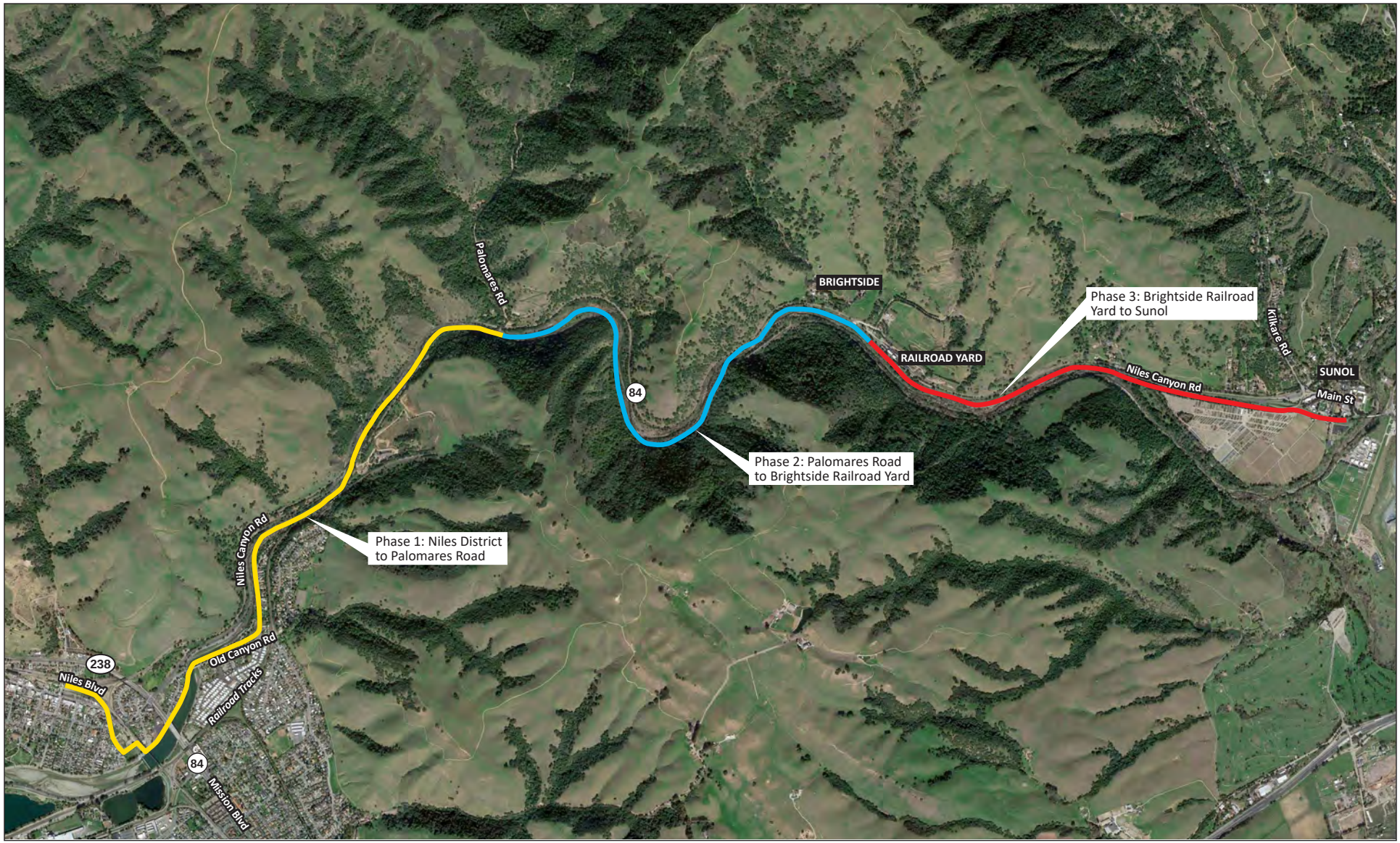
MILES

SOURCE: CSW|ST2 (06/2021); Google Maps (2021).

I:\STU2001\GIS\Maps\Figure 1_Project Location and Regonal Vicinity.mxd (6/26/2021)

Niles Canyon Trail Project
Fremont, Alameda County, California

Project Location and Regional Vicinity



LSA

FIGURE 2

0 1500 3000
FEET

N

Proposed Trail Alignment Phase 1: Niles District to Palomares Road

Proposed Trail Alignment Phase 2: Palomares Road to Brightside Railroad Yard

Proposed Trail Alignment Phase 3: Brightside Railroad Yard to Sunol

Niles Canyon Trail Project NOP

Aerial Photograph of the Project Site and Proposed Project Phases

SOURCES: Google Earth, 2/24/2021; LSA, 2021

P:\STU2001 Niles Canyon\PRODUCTS\Graphics\Figure_2.ai (6/28/2021)

ALAMEDA COUNTY WATER DISTRICT

43885 SOUTH GRIMMER BOULEVARD • FREMONT, CALIFORNIA 94538
(510) 668-4200 • FAX (510) 770-1793 • www.acwd.org

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KURT ARENDS
Operations and Maintenance
LAURA J. HIDAS
Water Resources
REKHA IPPAGUNTA (interim)
Engineering and Technology Services
JONATHAN WUNDERLICH
Finance

July 27, 2021

VIA ELECTRONIC MAIL
Jim Browne (jimb@acpwa.org)
Acting Environmental Services Supervisor
Alameda County Public Works Agency
399 Elmhurst Street
Hayward, CA 94554

Dear Mr. Browne:

Subject: Notice of Preparation of an Environmental Impact Report for the Niles Canyon Trail Project

Alameda County Water District (ACWD) has reviewed the Notice of Preparation of an Environmental Impact Report (EIR) for the Niles Canyon Trail Project ("Project").

ACWD supplies water to a population of over 357,000 in the cities of Fremont, Newark, and Union City. ACWD was formed in 1914 by an act of the California Legislature for the purpose of protecting water in the Niles Cone Groundwater Basin and conserving the water of the Alameda Creek. Local runoff along with imported water from the State Water Project is percolated into the Niles Cone Groundwater Basin through recharge in Alameda Creek itself and through recharge ponds within and adjacent to the Quarry Lakes Regional Recreational Area. This water is subsequently recovered through groundwater production wells and provided as potable supply to ACWD's customers. Drinking water from four drinking water production facilities is delivered to customers via a network consisting of over 900 miles of transmission and distribution mains. ACWD has strong interests in protecting and preserving the water quality and supply in Alameda Creek and its tributaries, ensuring the protection of the groundwater basin, and maintaining reliable, safe drinking water to customers in the Tri-Cities. In addition, as a longstanding member of the Alameda Creek Fisheries Restoration Workgroup, ACWD has also been working with multiple local and regional stakeholders on a program to restore a steelhead fishery to the Alameda Creek watershed. ACWD is supportive of this project, with the inclusion of appropriate measures to protect water quality and steelhead, as it provides greater public access to the Alameda Creek watershed which will help promote a greater understanding and appreciation of the natural environment and water supply.

ACWD would appreciate your consideration of the following comments while developing the EIR:

1. Alameda Creek and Watershed Protection: The Project area includes a critical portion of Alameda Creek. ACWD is particularly concerned with potential impacts that the project and subsequent public use of the trail may have on water quality, water supply, and fisheries restoration in Alameda Creek. ACWD supports the inclusion of interpretive signage to inform trail users about the important roles the Niles Canyon serves in the watershed for water supply, species migration, and habitat. Additionally, ACWD has a need to maintain suitable quality of the water in Alameda Creek for groundwater recharge and its subsequent use as a drinking water supply. ACWD requests that the following potentially significant impacts to the protection of Alameda Creek and its watershed be fully considered in the EIR and during the final project design and planning efforts:

    a. Pollution Prevention: ACWD would like to emphasize the importance of selecting Best Management Practices (BMPs) which minimize adverse impacts to the quality of water in Alameda Creek. ACWD has a strong interest in ensuring the highest level of water quality possible in Alameda Creek and its watershed during and after construction, including operations and public use of the trail, and encourages any permanent pollution prevention improvements accomplished by construction and long-term use of the Project.

    b. Surface Water Protection from Runoff: The Project is located along Niles Canyon, an important segment of the Alameda Creek watershed which provides local water supplies and conveyance for ACWD's water supply operations to recharge the Niles Cone Groundwater Basin, a critical water supply for the cities of Fremont, Newark, and Union City. Future improvements contemplated under the Project, such as construction and increased vehicular parking within the Niles Canyon or adjacent to Alameda Creek pose increased risks for the direct release of fuel or other contaminating chemicals into the adjacent and underlying waterway due to accidental spills or vehicular accidents. Appropriate safeguards and controls should be incorporated as mitigations into the EIR to help prevent the direct release of contaminated runoff to the environment. These design measures will help reduce the threat of contamination to the water used for recharging the groundwater basin which constitutes a significant portion of ACWD's drinking water supply.

    c. Protect Water Quality, Habitat, and Threatened Species from Trail Users: If constructed, the Project would increase public access to the Niles Canyon and Alameda Creek, which could lead to the introduction of litter, waste, and other potential contaminants that could degrade water quality for a critical habitat for threatened fish species. The Project should be designed to prevent the public from illegally entering Alameda Creek throughout Niles Canyon, causing harm to habitat, impacting migration of salmonids, poaching, and to prevent litter and other wastes generated by trail users from polluting Alameda Creek. The EIR should include mitigations and controls, including enforcement, to protect water quality from potential impacts due to use of the proposed trail.

d. Notification: In the event of a hazardous material spill or other pollution event in the Alameda Creek watershed, ACWD would like Project proponents to set-up a 24-hour rapid notification system (e.g., phone numbers, contact names) to immediately alert ACWD of water quality incidents upstream of our facilities so actions can be taken to prevent pollution of potable groundwater supply. This plan can be coordinated with the Water Supply Supervisor, Leonard Ash, who can be reached at (510) 668-6539 and Leonard.Ash@acwd.com.

2. Future Steelhead Migration in the Alameda Creek Watershed: ACWD, in a joint effort with the Alameda County Flood Control and Water Conservation District (ACFCD), is currently constructing a fish ladder to provide passage through Lower Alameda Creek over ACWD's Rubber Dam No. 1 and the ACFCD drop structure which have historically hindered the passage of migratory fish. When this fish passage project is completed in 2022, along with ACWD's previously-completed fish ladder and screening facilities in the creek, the upper Alameda Creek Watershed will be accessible to migrating *O. mykiss* and other anadromous fish such as salmon. The Project's EIR should anticipate the future occurrence of this federally threatened species within the watershed and should confirm the Project incorporates appropriate measures in the Project design, construction, and operation, including recreation operations and management of public access.

3. Water Conveyance Infrastructure: ACWD relies on Alameda Creek, including within the Project area, for raw water conveyance of water supplies from the State Water Project. This source water conveyance always needs to remain in service to maintain ACWD's ability to provide adequate water supplies to the community. ACWD requests that Project proponents closely coordinate with ACWD regarding all design, construction and scheduling activities that may impact channel flow or access to Alameda Creek during the construction and throughout operation of the Project.

4. Groundwater:

   a. Groundwater Well Protection/Destruction: In order to protect the groundwater basin, each well located within or immediately adjacent to the project area must be identified and be in compliance with ACWD Ordinance No. 2010-01.

   b. Existing Hazardous Material Contamination: The EIR should acknowledge that as part of ACWD's Groundwater Protection Program, ACWD entered into Cooperative Agreements with the California Regional Water Quality Control Board – San Francisco Bay Region (Regional Board) and the cities of Fremont and Union City, which allows ACWD to provide technical oversight for the investigation and remediation of Leaking Underground Fuel Tank (LUFT) sites and sites where the pollution is attributed to spills or leaks from structures other than underground fuel tanks now referred to as Site Cleanup Program sites or SCP (formerly known as Spills, Leaks, Investigation, and Cleanup sites or SLIC sites). ACWD also coordinates cleanup site activities overseen by the Department of Toxic Substances Control or DTSC. As a result of the above information, the EIR

should require Project proponents to coordinate with appropriate regulatory agencies, such as the Regional Board, Department of Toxic Substances Control, and ACWD, prior to any proposed work at known or suspected cleanup sites.

The EIR should also identify where known open or closed LUFT and SCP sites are located adjacent to or within the project area. Should soil and/or groundwater near the railroad tracks be disturbed, any potential contaminants emanating from the railroad tracks and the risks they may pose should also be addressed by the EIR.

c. Drilling Permit Requirement: As required by ACWD Ordinance No. 2010-01, drilling permits are required prior to the start of any subsurface drilling activities for wells, exploratory holes, and other excavations including the installation of support piers or piles within the cities of Fremont and Union City. Application for a permit may be obtained from ACWD's Engineering Department, at 43885 South Grimmer Boulevard, Fremont or online at http://www.acwd.org. All permitted work requires scheduling for inspection; therefore, all drilling activities must be coordinated with ACWD prior to the start of any field work.

5. Utilities and Service Systems:

   a. ACWD has existing visible and buried facilities within Old Canyon Road. The Project must avoid disturbing utilities, or relocate them in coordination with ACWD, at Project's expense, if they must be relocated.

   b. The EIR should acknowledge the presence and potential importance of the existing Sunol Aqueduct (also referred to as the Niles Canyon Aqueduct) between Fremont and Sunol. The Project Plans should identify and show the location of the existing Sunol Aqueduct. The EIR should confirm that the Project will pose no impacts to the Sunol Aqueduct facility and that the aqueduct will remain and be protected and unaffected by the proposed Project, including proposed earthwork, bridges, retaining walls, embankment slopes, hillside anchor cables, and new trail. ACWD requests that the trail alignment and Project design take into account the preservation of the aqueduct, the need to maintain safe access to the aqueduct, and its potential reoperation as a water supply conveyance facility.

6. ACWD Contacts: The following ACWD contacts are provided so that the Alameda County Public Works Agency can coordinate with ACWD as needed during the CEQA process:

   - Michelle Myers, Groundwater Resources Manager at (510) 668-4454, or by email at michelle.myers@acwd.com, for coordination regarding ACWD's groundwater resources.

   - Kit Soo, Well Ordinance Program Coordinator, at (510) 668-4455, or by email at kit.soo@acwd.com for coordination regarding groundwater wells and drilling permits.

- Juni Rotter, Development Services Manager, at (510) 668-4472, or by email at juniet.rotter@acwd.com, for coordination regarding public water systems and water services.

- Leonard Ash, Water Supply Supervisor, at (510) 668-6539, or by email at leonard.ash@acwd.com, for coordination regarding Alameda Creek Watershed, future steelhead migration, and water supply.

Thank you for the opportunity to comment on the Niles Canyon Trail Project at this time.

Sincerely,

Ed Stevenson
General Manager

la/cs
By Email
cc: Laura Hidas, ACWD

Alameda Creek Alliance

P.O. Box 2626 • Niles, CA • 94536
Phone: (510) 499-9185
E-mail: alamedacreek@hotmail.com
Web: www.alamedacreek.org

July 16, 2021

Jim Browne, Acting Environmental Services Supervisor
Alameda County Public Works Agency
399 Elmhurst Street
Hayward, CA 94554
Email: jimb@acpwa.org

Re: Scoping Comments on Niles Canyon Trail Project

Please consider these scoping comments from the Alameda Creek Alliance on the Niles Canyon Trail Project. The Alameda Creek Alliance is a 2,000-member strong community watershed group, dedicated to protecting and restoring the natural ecosystems of the Alameda Creek watershed. The Alameda Creek Alliance has been working to protect and restore the Alameda Creek watershed since 1997.

The Alameda Creek Alliance enthusiastically supports the construction and operation of the proposed Niles Canyon Trail Project. This trail segment will be a positive and valuable public amenity. It will connect the public to Alameda Creek and Niles Canyon, with opportunities for recreation and auto-free transportation, as well as benefits for environmental education and stream conservation.

The Niles Canyon Trail is an important link between Niles and Sunol. A trail through the canyon separate from Highway 84 is the only safe route for pedestrians, bicyclists and equestrians. The trail is also a regionally critical connector between the Bay Trail and parks and trails in Sunol, Pleasanton and Livermore. The trail could eventually link to Vargas Plateau and other East Bay parks. The first phase of the trail will provide immediate recreation and non-motorized transportation benefits by connecting Niles to Palomares Road.

Completion of the trail will bring much-needed public agency management, oversight and stewardship to Niles Canyon, which is suffering from unregulated impacts due to trash dumping, poaching, and water pollution.

The 2017 Project Study Report for the trail project identified potential sensitive habitat types and special-status species along the general trail route. Focused protocol surveys should be conducted for special-status plant and animal species in Niles Canyon along the general trail route. Some of the special-status wildlife species identified in the 2017 report are unlikely to occur along the proposed trail route (such as California tiger salamander, foothill yellow-legged frog, California red-legged frog, burrowing owl, and tricolored blackbird), which can be confirmed by protocol surveys.

We believe that direct impacts from construction to special-status wildlife species that are likely to occur in Niles Canyon (such as Alameda whipsnake, steelhead trout, dusky-footed woodrat, western pond turtle, and roosting bats) can be avoided by pre-construction surveys, exclusion methods, timing of construction, and other best management practices. Careful and informed alignment of the trail should help to avoid direct impacts to sensitive wildlife habitat and any populations of special-status plants. Bridges over small and large creek crossings and wetlands

should avoid direct impacts to wetlands, jurisdictional waters, and aquatic habitats.

There is some potential for the trail and associated fences and retaining walls to hinder or block migration for some terrestrial wildlife species. The EIR for the project should disclose where long stretches of fencing or retaining walls are proposed, and potential impacts of these structures on wildlife movement. Given that the trail will be fairly wide and paved, with somewhat regular travel by humans, bicycles, horses, and possibly service vehicles during daylight hours, the EIR should disclose the potential for road-kill (or trail-kill) of special-status wildlife species, or the potential hinderance of wildlife movement. Strategically placed under-crossings of the trail could facilitate safe wildlife movement, especially for smaller wildlife.

One species that should be given special consideration for safe movement across (or under) the trail is the Alameda whipsnake. Niles Canyon has been identified as an important connective corridor for the Alameda whipsnake in the federal recovery plan (U.S. Fish and Wildlife Service. 2002. Draft Recovery Plan for Chaparral and Scrub Community Species East of San Francisco Bay, California). The whipsnake recovery plan notes that the Niles Canyon-Sunol corridor already has physical barriers that could impede or prohibit the movement of whipsnakes (heavy vehicular traffic along Niles Canyon Road, two sets of railroad tracks, Alameda Creek itself, and the “secret sidewalk”). The recovery plan notes that the degree to which these existing barriers discourage or halt the movement of whipsnakes is unclear, and also that suitable vegetation for whipsnakes is limited in this corridor.

If the EIR determines that there could be significant impacts to Alameda whipsnakes from construction or operation of the trail, one potential mitigation would be to contribute to a project to improve opportunities for whipsnake movement past potential barriers in Niles Canyon (Niles Canyon Road being the obvious barrier of most concern). The recovery plan (USFWS 2002; p. 2-99) identifies investigating and implementing safe passage for whipsnakes across Niles Canyon Road, including barrier removal or construction of under-crossings, as an important recovery action. At the least, the trail should not create additional potential barriers to whipsnake movement. A project coordinated with Caltrans and the U.S. Fish and Wildlife Service to provide or improve a few under-crossings for whipsnakes (and other wildlife) under Niles Canyon Road at optimal locations in the canyon would be a potentially valuable mitigation measure.

The EIR should discuss and assess the current environmental impacts in Niles Canyon without the trail, from lack of agency oversight and management, which results in trespassing, dumping of trash, human waste in and near water sources, water pollution, poaching, and illegal encampments. The EIR should discuss how planned operation and management of the trail will address and alleviate these existing impacts, as well as reduce potential future impacts from trail users. For example: installation and maintenance of bathrooms; installation of trash cans throughout the canyon and regular cleanup of trash; restricted or limited access to the creek for swimming; signage and features to prevent off-trail travel; and routine patrols by agency law enforcement.

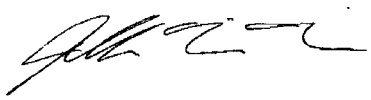
We strongly encourage the use of educational signage throughout the canyon along the trail as a mitigation measure for potential direct and indirect impacts from trail users on wildlife and wildlife habitat, water quality, and erosion. Vandal-proof educational signage that explains and interprets the valuable natural resources along Alameda Creek and Niles Canyon can have a positive impact in reducing the potential for littering and off-trail travel.

The EIR should discuss and assess the potential for spread of invasive plants in Niles Canyon by trail construction and use. A potential mitigation measure could be removal and control of invasive plant species along the trail route. Pre-construction surveys along the trail route for invasive plant species would allow for removal of any existing invasive plants during construction of the trail, and a regular (annual or biennial) coordinated removal of invasive plants along the trail could be included as a management measure to prevent spread of weeds.

The most significant environmental impact from trail construction is likely to be from removal of trees along the trail alignment. Most of the trees to be removed will likely be coast live oaks, a fairly common vegetation type, but which will require mitigation. There is some potential for localized impacts from removal of riparian trees, or sycamore alluvial woodland habitat, which is a more rare vegetation type. Streamside sycamores provide food, shade, streambank stability, and important habitat for trout, bats, birds, and other wildlife. Any removal of mature western sycamore trees should be avoided, if possible, by trail alignment. For any riparian or sycamore trees that are not avoidable and are removed, the project should fully mitigate the impacts.

Suitable projects and locations in the East Bay for tree planting as mitigation for riparian tree impacts are difficult to find and get approval from regulatory agencies. A potential mitigation for impacts to riparian or sycamore trees is to work with the Alameda Creek Alliance, Caltrans, and the SFPUC to set up and contribute to a Sunol Valley riparian tree planting fund. The Sunol Valley provides the best opportunity in the Alameda Creek watershed for sycamore planting and is the most important stream reach for riparian restoration efforts. Other agencies such as the SFPUC and entities such as Oliver DeSilva will be pursuing riparian restoration in the Sunol Valley. Caltrans may have riparian tree mitigation obligations from their current State Route 84 Niles Canyon Safety Improvements Projects (Niles Canyon Medium-Term Safety Improvements Project and Alameda Creek Bridge Replacement Project). Mitigation funds from the Niles Canyon Trail Project could combine with Caltrans mitigation funds from their Niles Canyon projects that would be specifically earmarked for riparian tree planting in the Sunol Valley.

Thank you for the opportunity to comment.



Jeff Miller
Director
Alameda Creek Alliance

California Department of Transportation

DISTRICT 4
OFFICE OF TRANSIT AND COMMUNITY PLANNING
P.O. BOX 23660, MS–10D | OAKLAND, CA 94623-0660
www.dot.ca.gov

July 27, 2021

SCH #: 2021060647
GTS #: 04-ALA-2021-00595
GTS ID: 23552
Co/Rt/Pm: ALA/84/VAR

Jim Browne, Acting Environmental Services Supervisor
Alameda County Public Works Agency
399 Elmhurst Street
Hayward, CA 94554

Re: Niles Canyon Trail Project – Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR)

Dear Jim Browne:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for this Project. We are committed to ensuring that impacts to the State's multimodal transportation system and to our natural environment are identified and mitigated to support a safe, sustainable, integrated and efficient transportation system. The following comments are based on our review of the June 2021 NOP.

Project Understanding

The proposed project would construct a six-mile, Class I, multi-use trail for pedestrians, bicyclists, and equestrians between the unincorporated community of Sunol and Niles District of the City of Fremont, both in Alameda County. The project would provide a critical link to Palomares Road bypassing State Route (SR)-84 and would expand the Alameda Creek Trail, which provides a direct connection to the 500-mile San Francisco Bay Trail. For Caltrans projects related to Niles Canyon, please visit https://dot.ca.gov/caltrans-near-me/district-4/d4-projects/d4-84-niles-canyon-safety-improvements.

Transportation Impact Study

Please prepare a transportation impact study to show any potential project impacts to SR-84. The study should clearly define which areas of the trail would encroach the State Right-of-Way (ROW) and identify any anticipated impacts to SR-84. Specify the number of parking spaces that would be provided at the proposed staging areas and the expected number of project peak hour trips.

Hydrology
Identify any impacts to the base floodplain and mitigate those impacts as necessary. Identify and address any impacts to the existing drainage system. For example, existing roadside ditches that are filled in would need to be re-established, and culverts impacted by the project would need to be extended or relocated. Provide additional drainage as necessary. Also, any additional flow to the State ROW must be metered to pre-project levels.

Construction-Related Impacts
Any utilities that are proposed, moved or modified within the State ROW shall be discussed. If utilities are impacted by the project, provide site plans that show the location of existing and/or proposed utilities. These modifications require a Caltrans-issued encroachment permit.

Potential impacts to the State ROW from project-related temporary access points should be analyzed. Mitigation for significant impacts due to construction and noise should be identified. Project work that requires movement of oversized or excessive load vehicles, and/or travel lane closures on SR-84 requires a transportation permit that is issued by Caltrans. To apply, visit: https://dot.ca.gov/programs/traffic-operations/transportation-permits.

Prior to construction, coordination may be required with Caltrans to develop a Transportation Management Plan (TMP) to reduce construction traffic impacts to the State Transportation Network (STN).

Lead Agency
As the Lead Agency, the Alameda County Public Works Agency is responsible for all project mitigation, including any needed improvements to the STN. The project's fair share contribution, financing, scheduling, implementation responsibilities and lead agency monitoring should be fully discussed for all proposed mitigation measures.

Equitable Access
If any Caltrans facilities are impacted by the project, those facilities must meet American Disabilities Act (ADA) Standards after project completion. As well, the project must maintain bicycle and pedestrian access during construction. These access considerations support Caltrans' equity mission to provide a safe, sustainable, and equitable transportation network for all users.

Encroachment Permit
Please be advised that any permanent work or temporary traffic control that encroaches onto SR-84 requires a Caltrans-issued encroachment permit. All proposed work on State ROW must be in accordance to Caltrans Standards. As part of the encroachment permit submittal process, you may be asked by the Office of

Encroachment Permits to submit a completed encroachment permit application package, digital set of plans clearly delineating the State ROW, digital copy of signed, dated and stamped (include stamp expiration date) traffic control plans, this comment letter, your response to the comment letter, and where applicable, the following items: new or amended Maintenance Agreement (MA), approved Design Standard Decision Document (DSDD), approved encroachment exception request, and/or airspace lease agreement. Your application package may be emailed to D4Permits@dot.ca.gov.

To download the permit application and to obtain more information on all required documentation, visit https://dot.ca.gov/programs/traffic-operations/ep/applications.

Thank you again for including Caltrans in the environmental review process. Should you have any questions regarding this letter, please contact Yunsheng Luo at Yunsheng.Luo@dot.ca.gov. Additionally, for future notifications and requests for review of new projects, please email LDIGR-D4@dot.ca.gov.

Sincerely,

MARK LEONG
District Branch Chief
Local Development - Intergovernmental Review

c: State Clearinghouse

East Bay Regional Park District



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Jim Browne, Acting Environmental Services Supervisor
Alameda County Public Works Agency
399 Elmhurst Street
Hayward, CA 94554
Email: jimb@acpwa.org

Dear Mr. Browne,

The East Bay Regional Park District (Park District) appreciates the opportunity to provide comments in response to the Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR) for the Niles Canyon Trail (project). The Park District has been a partner in this effort for decades and led the feasibility study released in 2015 in partnership with Alameda County (County) and other members of the Technical Advisory Committee. The project is identified on the Park District's Master Plan map as a section of the San Francisco Bay to San Joaquin River Trail that ultimately connects the San Francisco Bay Trail in Fremont to the Marsh Creek Trail in Brentwood.

The project consists of the development of approximately six miles of Class I trail connecting the Niles district in the City of Fremont to the unincorporated town of Sunol. Due to the compact and complex nature of Niles Canyon the project's preferred alignment proposes to share various corridors of existing infrastructure that travel through the canyon, such as, the Niles Canyon Railway, the defunct Sunol Aqueduct, and Highway 84. The project is proposed to be constructed in three phases if approved.

The Park District understands that neither operational responsibility, nor funding to fully design, construct, and operate the trail has been identified at this early stage. The goal of this stage of the project is to analyze phase one at a project level, and phases two and three at a programmatic level.

Parking is a concern that has been raised by many individuals and organizations in recent public meetings. The Park District agrees that parking needs to be thoroughly analyzed at both the west and east ends of the project, and the development of additional parking should be considered to meet the potential demand for the trail. In addition, identifying parking at strategic locations along the trail should be considered, including at Palomares and Bright Side.

The project is regionally significant as it could connect to several regional trails, regional parks, local parks, and transit facilities. The connection to these other public amenities, both existing and planned, should be carefully considered. The Park District is happy to work with the County to ensure that the project is an integral part of the regional network and provides a significant link as both a recreational and transportation facility.

The Park District is supportive of the County's efforts to analyze the potential impacts to determine the best path forward. The phased approach and associated level of analysis is appropriate and strategic given the enormity of the project. Completing environmental analysis will help the project compete for funding for the design and construction of phase one. The Park District looks forward to continuing a partnership with the County to move this regionally significant project forward. Please contact me at 510-544-2609 or swilson@ebparks.org if you have any questions.

Sincerely,

Suzanne Wilson
Sr. Planner – Trails Program

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East Bay Regional Park District



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CC:
Sean Dougan, sdougan@ebparks.org
Tonya Covarrubias, tcovarrubias@ebparks.org

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Shanna Guiler

From: Marian Fricano <fricano.marian@gmail.com>
Sent: Tuesday, July 6, 2021 6:08 PM
To: Browne, Jim
Subject: Niles Canyon Trail Project

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Mr Browne,
Just wish to say that I am in favor of providing a link to the Palomares Road, and thus expanding the Alameda Creek Trail.

Thanks so much,
Marian Fricano
4271 N 1st St, San Jose, CA 95134

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Shanna Guiler

From: Mike Vandeman <mjvande@pacbell.net>
Sent: Wednesday, July 7, 2021 10:47 AM
To: Browne, Jim
Subject: The Niles Canyon Road ("Trail")

Follow Up Flag: Follow up
Flag Status: Flagged

Proposed Niles Canyon ⍰Trail⍰

1. We've been misled. We were told that the trail would be elevated (using the "secret sidewalk"), and that no habitat would be destroyed. It's not true. The preferred option destroys a huge amount of habitat with a 14' wide clearcut including 10' wide pavement, especially at the start and end of the road (10' of pavement is a road, not a trail).

2. The proposal touts a "wildlife friendly fence", but I doubt that all deer, for example, can jump over it. It (and the presence of humans on the road) would prevent animals from getting to the creek to drink.

3. The proposed railroad fence would block all animals larger than a lizard. No deer could jump over it. The huge vertical cuts would interfere with animals' need to travel.

4. The proposal claims that Niles Canyon is the only east-west travel option. That's, frankly, a lie! Calaveras Road runs roughly parallel to Niles Canyon and provides access from Milpitas (just two BART stops from Fremont - the west end of the canyon) to Sunol. Bicyclists and anyone else can use it safely, since there is no high-speed traffic. I drove the road this morning, to see for myself. There were dozens of bicyclists riding the road, in both directions, including many gray-haired men and ladies and one guy on a recumbent bike. I attached a couple of photos. The cars and motorcycles were going from 10-20 MPH, due to the many curves. The scenery was just as lovely as Niles Canyon, including the huge Calaveras Reservoir, and because of everyone's slow speed, you could actually enjoy it.

5. No one needs a paved "trail". Pavement is bad for horses and unpleasant for hikers. Horses and hikers could be accommodated by a 2'-3' wide unpaved trail, without wildlife-blocking fences. Stepping off the trail would allow anyone to pass. There is no good reason to allow bicycles on any unpaved trail. Any bicyclists who want to go there can, of course, walk - just like everyone else. Bicycles generate erosion and endanger hikers and equestrians. Mountain bikers love to claim that they are being "excluded" when bikes are prohibited, but it's an obvious lie.

6. The maps (deliberately?) don't show the location of the creek, but it appears that the road would be very close to the creek, destroying a 14' wide swath of priceless riparian habitat - the most valuable habitat that exists. Why would any organization that claims to support conservation make such a huge mistake - and lie about it?

7. There isn't high demand for travel through the canyon, or there would have been bus service through it long ago. Anyone who wants to travel to the "micro-town" of Sunol can drive, walk, or ride a horse through the canyon on a narrow trail, or take Calaveras Road.

8. The road would destroy critical habitat for the Alameda whipsnake, per the Department of the Interior⍰s Fish and Wildlife Service.

9. We are in the midst of the Sixth Extinction crisis, which is being caused primarily by the loss of habitat. E. O. Wilson is calling for Half Earth: 50% of the Earth to be set aside for conserving our wildlife. That is already a

compromise, since we all know that 50% is not enough to protect all species. Recently even that compromise was watered down, into the ﷺ (30% of the Earth protected by 2030) proposal, which President Biden is supporting. By supporting the Niles Canyon road, the Sierra Club is thumbing its nose at even the weakest of these proposals.

The Club should rescind its support for the Niles Canyon road!

--

Machine-Free Trails Association

I am working on creating wildlife habitat that is off-limits to humans ("pure habitat"). Want to help?
(I spent the previous 8 years fighting auto dependence and road construction.)

Wildlife must be given top priority, because they can't protect themselves from us.

Please don't put a cell phone next to any part of your body that you are fond of!

Stop obeying dictators and incompetent leaders from this time forward! Please share this message as widely as possible!

https://mjvande.info

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nahc@nahc.ca.gov
NAHC.ca.gov

July 1, 2021

Jim Browne
Alameda County Public Works Agency
399 Elmhurst Street
Hayward, CA 94554

Re: 2021060647, Niles Canyon Trail Project, Alameda County

Dear Mr. Browne:

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

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, subds. (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: Sarah.Fonseca@nahc.ca.gov.

Sincerely,



Sarah Fonseca
Cultural Resources Analyst

cc: State Clearinghouse

Shanna Guiler

From: Browne, Jim <jimb@acpwa.org>
Sent: Friday, July 30, 2021 10:46 AM
To: 'Robert Stevens'; Michael Vidra; Shanna Guiler
Cc: Izon, Ruben
Subject: RE: Niles Canyon Trail response

Make that Comment #10 !

From: Robert Stevens <info@nilescanyontrail.org>
Sent: Thursday, July 29, 2021 12:25 PM
To: Browne, Jim <jimb@acpwa.org>; Izon, Ruben <rubeni@acpwa.org>; Michael Vidra <mvidra@cswst2.com>
Subject: FW: Niles Canyon Trail response

From: Nick Farwell <gnfarwell@comcast.net>
Sent: Saturday, July 24, 2021 1:46 PM
To: Robert Stevens <info@nilescanyontrail.org>
Cc: 'Izon, Ruben' <rubeni@acpwa.org>; gfarwell7@gmail.com
Subject: Niles Canyon Trail response

To those sponsoring the Niles Canyon trail:

We are the Farwell Family who own the ranch that parallels the north side of Niles Canyon Rd from the NCRY rail yard to the Palomares Rd junction. We attended your July 15th ZOOM call and want to respond to the proposed trail as outlined on slides 29-37 of your presentation. As an owner of one third of property along the north side of Niles Canyon between Sunol and Mission Blvd, we have several questions:

1. The map of the proposed path does not contain a detailed description of its location especially around the NCRY railyard, our entrance at both 5400 & 5500 Niles Canyon Rd, or the junction of Palomares Rd and Niles Canyon Rd, which is the southwest corner of our property. We are very concerned that constructing a path, especially one as wide as 14‘ (figure 11-5, slide 28), will become a major civil project that could become prohibitively expensive especially the construction costs to preserve our 3 ranch entrances, building 2 or

perhaps 3 bike bridges as well as a parking lot at the intersection of Palomares Rd and Niles Canyon Rd near "Farwell" California. For instance, can a major bridge like the one depicted in figure 11-21 & 11-22 (slide 44-46) located at figure 11-23 really be constructed safely and for a reasonable cost in this narrow location? It appears that the same challenge, if not greater, will also be confronted at the Palomares Niles Canyon Junction as detailed in Figure 11-30 & 11-31 on slides 54 & 55. Neither bridge passing over Niles Canyon Rd. may satisfy the intentions of the Scenic Highway Act.

2. 4. As discussed in Caltrans' description of the Arroyo Bridge project currently under construction and referenced in the zoom call (https://dot.ca.gov/caltrans-near-me/district-4/d4-projects/d4-alameda-84-arroyo-de-la-laguna-bridge-project), it appears Caltrans is already constructing a bike and multiuse path along a portion of Niles Canyon RD: "At completion, the finished structure would provide two 12-foot-wide lanes, a 14-foot-wide shared east-west pedestrian path on the south side of the bridge, standard 42-inch-high barriers, 9-foot-wide shoulders to accommodate 6-foot-wide bicycle lanes, and a 2 foot-wide painted median rumble strip. The shared sidewalk would be protected from the roadway by concrete railing and include curb ramps that meet the standards of the Americans with Disabilities Act." While this project only covers a small section of Niles Canyon Rd. at least it provides a margin of safety for bike riders, although it may not be safe for performance bike riding. Perhaps like Contra Costa County & State Parks constructed on Mt Diablo, Caltrans and/or Alameda County can add bicycle lanes and/or turnouts to protect bicyclists who are traversing the canyon. By doing this, bicycle and auto safety would be enhanced and the canyon's designation as a scenic highway preserved.

3. Whether the trail runs on the north or south side of Niles Canyon Rd. but especially if it extends along the north side of Niles Canyon Rd along our property line, we are very concerned about the maintenance, upkeep, safety & security of the path and the possibility of people intruding onto our private property. We have several small rental homes located at 5500 that contain seniors as well as very young children. We have already encountered unsavory

people wandering onto our property that had to be removed by the Alameda County Sheriff's dept. We would prefer avoiding any further intrusions by the public onto our ranch.

4. As a working ranch, we use and appreciate horses but also understand the potential challenge of mixing them with kids, runners, baby carriages & bikes, performance or leisure, especially along a confined, enclosed path. Perhaps the mixed use objective for this path is incompatible with public safety?

We look forward to your response especially our request for a more detailed map of the various trail options. Please forward our response to any interested parties working on this project that we inadvertently forgot to copy. Thanks again for the well prepared zoom presentation. We look forward to continued dialogue…

Nick Farwell

Nick Farwell wk: 650.327.2705
The Arbor Group cell: 650.704.5720
1240 Arbor Rd Menlo Park, Calif 94025

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Shanna Guiler

From: Browne, Jim <jimb@acpwa.org>
Sent: Thursday, July 29, 2021 10:50 AM
To: 'Michael Vidra'; Robert Stevens; Shanna Guiler
Cc: Izon, Ruben
Subject: Comments Received - FW: Niles Canyon Trail NOP Scoping meeting

Comment #4:

From: president@ncry.org <president@ncry.org>
Sent: Thursday, July 15, 2021 7:12 PM
To: Browne, Jim <jimb@acpwa.org>
Subject: Niles Canyon Trail NOP Scoping meeting

Jim –

I want to see detailed definitions on how the trail will be maintained, monitored, and cleaned, as well as protecting the Niles Canyon Railway, the UP railway, and Alameda Creek from the trail users.

Managing these details may have more environmental impact than the actual trail after construction mitigations.

Henry Baum
President
Pacific Locomotive Association
Owner/Operators of the Niles Canyon Railway
925.447.7358
president@ncry.org
www.ncry.org

** This email was sent from an external source. If you do not know the sender, do not click on links or attachments. **

APPENDIX B

AIR QUALITY AND GREENHOUSE GAS EMISSIONS

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Niles Canyon Trail Project Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Niles Canyon Trail Project
Construction Start Date	1/6/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	24.2
Location	37.5918843836897, -121.9364335397456
County	Alameda
City	Fremont
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1672
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.20

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Road Construction	6.00	Mile	17.4	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.97	3.34	28.4	32.1	0.07	1.22	1.94	3.17	1.12	0.31	1.43	—	7,790	7,790	0.31	0.20	3.79	7,861
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.97	3.33	28.5	31.8	0.07	1.22	1.94	3.17	1.12	0.31	1.43	—	7,753	7,753	0.32	0.20	0.10	7,820
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.30	1.93	16.4	18.4	0.04	0.71	1.15	1.86	0.66	0.18	0.84	—	4,438	4,438	0.18	0.11	0.99	4,477
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.42	0.35	2.99	3.35	0.01	0.13	0.21	0.34	0.12	0.03	0.15	—	735	735	0.03	0.02	0.16	741

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2025	3.97	3.34	28.4	32.1	0.07	1.22	1.94	3.17	1.12	0.31	1.43	—	7,790	7,790	0.31	0.20	3.79	7,861
2026	3.04	2.56	21.3	25.3	0.05	0.83	1.49	2.31	0.76	0.22	0.98	—	6,161	6,161	0.24	0.06	1.72	6,187
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.97	3.33	28.5	31.8	0.07	1.22	1.94	3.17	1.12	0.31	1.43	—	7,753	7,753	0.32	0.20	0.10	7,820
2026	3.78	3.15	26.3	31.4	0.07	1.10	1.94	3.04	1.01	0.31	1.32	—	7,729	7,729	0.32	0.19	0.09	7,794
2027	1.12	0.95	7.30	12.2	0.01	0.28	0.39	0.67	0.26	0.09	0.35	—	1,993	1,993	0.08	0.03	0.03	2,004
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.30	1.93	16.4	18.4	0.04	0.71	1.15	1.86	0.66	0.18	0.84	—	4,438	4,438	0.18	0.11	0.99	4,477
2026	1.83	1.54	12.7	15.6	0.03	0.50	0.86	1.36	0.46	0.13	0.59	—	3,641	3,641	0.14	0.04	0.53	3,657
2027	0.04	0.03	0.24	0.40	< 0.005	0.01	0.01	0.02	0.01	< 0.005	0.01	—	66.4	66.4	< 0.005	< 0.005	0.02	66.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.42	0.35	2.99	3.35	0.01	0.13	0.21	0.34	0.12	0.03	0.15	—	735	735	0.03	0.02	0.16	741
2026	0.33	0.28	2.32	2.85	0.01	0.09	0.16	0.25	0.08	0.02	0.11	—	603	603	0.02	0.01	0.09	605
2027	0.01	0.01	0.04	0.07	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.0	11.0	< 0.005	< 0.005	< 0.005	11.1

3. Construction Emissions Details

3.1. Linear, Grubbing & Land Clearing (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.46	0.39	3.39	3.49	< 0.005	0.21	—	0.21	0.19	—	0.19	—	490	490	0.02	< 0.005	—	492
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.49	0.51	< 0.005	0.03	—	0.03	0.03	—	0.03	—	71.2	71.2	< 0.005	< 0.005	—	71.4
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	11.8	11.8	< 0.005	< 0.005	—	11.8
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.11	1.19	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	281	281	0.01	0.01	0.03	285

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	41.1	41.1	< 0.005	< 0.005	0.08	41.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.80	6.80	< 0.005	< 0.005	0.01	6.91
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Linear, Grading & Excavation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.71	3.11	27.3	29.4	0.06	1.21	—	1.21	1.11	—	1.11	—	6,496	6,496	0.26	0.05	—	6,518
Dust From Material Movement	—	—	—	—	—	—	1.24	1.24	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	3.71	3.11	27.3	29.4	0.06	1.21	—	1.21	1.11	—	1.11	—	6,496	6,496	0.26	0.05	—	6,518
Dust From Material Movement	—	—	—	—	—	—	1.24	1.24	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07	1.74	15.2	16.4	0.03	0.67	—	0.67	0.62	—	0.62	—	3,623	3,623	0.15	0.03	—	3,635
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.32	2.78	2.99	0.01	0.12	—	0.12	0.11	—	0.11	—	600	600	0.02	< 0.005	—	602
Dust From Material Movement	—	—	—	—	—	—	0.13	0.13	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.13	2.31	0.00	0.00	0.50	0.50	0.00	0.12	0.12	—	520	520	0.01	0.02	2.06	528
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.6	26.6	< 0.005	< 0.005	0.07	27.9
Hauling	0.06	0.02	0.90	0.36	< 0.005	0.01	0.20	0.21	0.01	0.05	0.07	—	748	748	0.04	0.12	1.66	786

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.20	0.19	2.04	0.00	0.00	0.50	0.50	0.00	0.12	0.12	—	482	482	0.01	0.02	0.05	489
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.7	26.7	< 0.005	< 0.005	< 0.005	27.8
Hauling	0.06	0.02	0.95	0.37	< 0.005	0.01	0.20	0.21	0.01	0.05	0.07	—	748	748	0.04	0.12	0.04	785
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	1.10	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	271	271	0.01	0.01	0.50	275
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.9	14.9	< 0.005	< 0.005	0.02	15.5
Hauling	0.03	0.01	0.52	0.20	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	417	417	0.02	0.07	0.40	438
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.20	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	44.8	44.8	< 0.005	< 0.005	0.08	45.5
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.46	2.46	< 0.005	< 0.005	< 0.005	2.57
Hauling	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	69.1	69.1	< 0.005	0.01	0.07	72.6

3.5. Linear, Grading & Excavation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.52	2.96	25.2	29.1	0.06	1.09	—	1.09	1.00	—	1.00	—	6,495	6,495	0.26	0.05	—	6,517

Dust From Material Movement	—	—	—	—	—	—	1.24	1.24	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.54	0.63	< 0.005	0.02	—	0.02	0.02	—	0.02	—	140	140	0.01	< 0.005	—	140
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.10	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.1	23.1	< 0.005	< 0.005	—	23.2
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.17	1.91	0.00	0.00	0.50	0.50	0.00	0.12	0.12	—	473	473	0.01	0.02	0.05	479
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.2	26.2	< 0.005	< 0.005	< 0.005	27.4
Hauling	0.06	0.02	0.93	0.36	< 0.005	0.01	0.20	0.21	0.01	0.05	0.06	—	734	734	0.04	0.12	0.04	770

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.2	10.2	< 0.005	< 0.005	0.02	10.4
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.56	0.56	< 0.005	< 0.005	< 0.005	0.59
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.8	15.8	< 0.005	< 0.005	0.01	16.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.70	1.70	< 0.005	< 0.005	< 0.005	1.72
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.09	0.09	< 0.005	< 0.005	< 0.005	0.10
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.62	2.62	< 0.005	< 0.005	< 0.005	2.74

3.7. Linear, Drainage, Utilities, & Sub-Grade (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.85	2.39	21.2	23.3	0.05	0.83	—	0.83	0.76	—	0.76	—	5,693	5,693	0.23	0.05	—	5,712
Dust From Material Movement	—	—	—	—	—	—	1.03	1.03	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.85	2.39	21.2	23.3	0.05	0.83	—	0.83	0.76	—	0.76	—	5,693	5,693	0.23	0.05	—	5,712

Dust From Material Movement	—	—	—	—	—	—	1.03	1.03	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.45	1.21	10.7	11.8	0.03	0.42	—	0.42	0.39	—	0.39	—	2,885	2,885	0.12	0.02	—	2,895
Dust From Material Movement	—	—	—	—	—	—	0.52	0.52	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	1.96	2.16	0.01	0.08	—	0.08	0.07	—	0.07	—	478	478	0.02	< 0.005	—	479
Dust From Material Movement	—	—	—	—	—	—	0.10	0.10	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.16	0.12	1.99	0.00	0.00	0.45	0.45	0.00	0.11	0.11	—	467	467	0.01	0.02	1.72	474
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.18	0.16	0.15	1.75	0.00	0.00	0.45	0.45	0.00	0.11	0.11	—	433	433	0.01	0.02	0.04	439
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.86	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	221	221	< 0.005	0.01	0.38	224
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	36.6	36.6	< 0.005	< 0.005	0.06	37.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Linear, Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.00	0.84	7.37	10.8	0.01	0.30	—	0.30	0.28	—	0.28	—	1,619	1,619	0.07	0.01	—	1,625
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.00	0.84	7.37	10.8	0.01	0.30	—	0.30	0.28	—	0.28	—	1,619	1,619	0.07	0.01	—	1,625

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.16	1.36	1.98	< 0.005	0.06	—	0.06	0.05	—	0.05	—	298	298	0.01	< 0.005	—	299
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.25	0.36	< 0.005	0.01	—	0.01	0.01	—	0.01	—	49.3	49.3	< 0.005	< 0.005	—	49.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.10	1.72	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	404	404	0.01	0.02	1.48	410
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	0.13	1.51	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	374	374	0.01	0.02	0.04	380
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.27	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	69.3	69.3	< 0.005	< 0.005	0.12	70.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.5	11.5	< 0.005	< 0.005	0.02	11.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Linear, Paving (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.97	0.82	7.18	10.8	0.01	0.28	—	0.28	0.26	—	0.26	—	1,619	1,619	0.07	0.01	—	1,625
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	0.36	< 0.005	0.01	—	0.01	0.01	—	0.01	—	53.9	53.9	< 0.005	< 0.005	—	54.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	< 0.005	0.04	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.92	8.92	< 0.005	< 0.005	—	8.95
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.12	1.42	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	367	367	0.01	0.02	0.03	373
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.02	12.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.04	2.04	< 0.005	< 0.005	< 0.005	2.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Linear, Grubbing & Land Clearing	Linear, Grubbing & Land Clearing	1/6/2025	3/21/2025	5.00	53.0	—
Linear, Grading & Excavation	Linear, Grading & Excavation	3/22/2025	1/11/2026	5.00	211	—
Linear, Drainage, Utilities, & Sub-Grade	Linear, Drainage, Utilities, & Sub-Grade	1/12/2026	9/28/2026	5.00	185	—
Linear, Paving	Linear, Paving	9/29/2026	1/17/2027	5.00	79.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Linear, Grubbing & Land Clearing	Signal Boards	Electric	Average	12.0	8.00	6.00	0.82
Linear, Grubbing & Land Clearing	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grubbing & Land Clearing	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Linear, Grading & Excavation	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Linear, Grading & Excavation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grading & Excavation	Graders	Diesel	Average	1.00	8.00	148	0.41
Linear, Grading & Excavation	Rollers	Diesel	Average	2.00	8.00	36.0	0.38

Linear, Grading & Excavation	Signal Boards	Electric	Average	12.0	8.00	6.00	0.82
Linear, Grading & Excavation	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Linear, Grading & Excavation	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Linear, Grading & Excavation	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Linear, Drainage, Utilities, & Sub-Grade	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Linear, Drainage, Utilities, & Sub-Grade	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Linear, Drainage, Utilities, & Sub-Grade	Signal Boards	Electric	Average	12.0	8.00	6.00	0.82
Linear, Drainage, Utilities, & Sub-Grade	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Linear, Drainage, Utilities, & Sub-Grade	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Linear, Drainage, Utilities, & Sub-Grade	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Graders	Diesel	Average	1.00	8.00	148	0.41
Linear, Drainage, Utilities, & Sub-Grade	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Linear, Drainage, Utilities, & Sub-Grade	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Linear, Paving	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Linear, Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Linear, Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Linear, Paving	Signal Boards	Electric	Average	12.0	8.00	6.00	0.82
Linear, Paving	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Linear, Grubbing & Land Clearing	—	—	—	—
Linear, Grubbing & Land Clearing	Worker	35.0	11.7	LDA,LDT1,LDT2
Linear, Grubbing & Land Clearing	Vendor	0.00	8.40	HHDT,MHDT
Linear, Grubbing & Land Clearing	Hauling	0.00	20.0	HHDT
Linear, Grubbing & Land Clearing	Onsite truck	—	—	HHDT
Linear, Grading & Excavation	—	—	—	—
Linear, Grading & Excavation	Worker	60.0	11.7	LDA,LDT1,LDT2
Linear, Grading & Excavation	Vendor	1.00	8.40	HHDT,MHDT
Linear, Grading & Excavation	Hauling	10.7	20.0	HHDT
Linear, Grading & Excavation	Onsite truck	—	—	HHDT
Linear, Drainage, Utilities, & Sub-Grade	—	—	—	—
Linear, Drainage, Utilities, & Sub-Grade	Worker	55.0	11.7	LDA,LDT1,LDT2
Linear, Drainage, Utilities, & Sub-Grade	Vendor	0.00	8.40	HHDT,MHDT
Linear, Drainage, Utilities, & Sub-Grade	Hauling	0.00	20.0	HHDT
Linear, Drainage, Utilities, & Sub-Grade	Onsite truck	—	—	HHDT
Linear, Paving	—	—	—	—
Linear, Paving	Worker	47.5	11.7	LDA,LDT1,LDT2
Linear, Paving	Vendor	0.00	8.40	HHDT,MHDT
Linear, Paving	Hauling	0.00	20.0	HHDT
Linear, Paving	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Linear, Grubbing & Land Clearing	—	—	17.4	0.00	—
Linear, Grading & Excavation	18,000	—	5.00	0.00	—
Linear, Drainage, Utilities, & Sub-Grade	—	—	17.4	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt

Road Construction	17.4	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	704	204	0.03	< 0.005
2026	1,057	204	0.03	< 0.005
2027	352	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

8. User Changes to Default Data

Screen	Justification
Construction: Dust From Material Movement	Grading would require approximately 16,000 cubic yards of fill, 6,000 cubic yards of which would be import material. The remaining 10,000 cubic yards of soil would be balanced on site. Conservatively assuming grading quantities would be similar for Phases 2 and 3.

APPENDIX C

ARCHAEOLOGICAL RESOURCES SURVEY STUDY

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CARLSBAD
CLOVIS
IRVINE
LOS ANGELES
PALM SPRINGS
POINT RICHMOND
RIVERSIDE
ROSEVILLE
SAN LUIS OBISPO

April 28, 2023

Amber Lo, Principal Civil Engineer, Transportation Engineering Program Manager
Alameda County Public Works Agency
399 Elmhurst Street
Hayward, CA 94544

Subject: Archaeological Resources Survey Study for the Niles Canyon Trail Project in Alameda County, California (LSA Project No. STU2001)

Dear Ms. Lo:

LSA conducted an archaeological resources survey study (study) for the proposed Niles Canyon Trail Project (project) in Alameda County, California. Study work (which consisted of background research and a field survey) was completed per the requirements of the California Environmental Quality Act of 1970 (CEQA).

This study was prepared to: (1) identify archaeological deposits that may meet the CEQA definition of a historical resource (California Public Resources Code [PRC] Section 21084.1) or a unique archaeological resource (PRC Section 21083.2) and that may be impacted by the proposed project; (2) assess the potential for human remains; and (3) recommend mitigation, additional study, or consultation outreach that may be required to address potential impacts to such resources and/or remains. This report has been prepared by Associate/Senior Cultural Resources Manager Kerrie Collison, M.A., Registered Professional Archaeologist (RPA) 28731436.

PROJECT DESCRIPTION AND LOCATION

The proposed project would construct a 6-mile, Class 1, multi-use trail between the Niles District in the City of Fremont and the unincorporated community of Sunol through Niles Canyon in Alameda County. The multi-use trail would be open to hikers, bicyclists, and equestrians. The proposed trail would consist of a 10-foot wide, all-weather surface with 2-foot shoulders on either side composed of decomposed granite or aggregate. The trail surface would likely consist of 4 inches of asphalt concrete atop 6 inches of class II aggregate base.

The trail is proposed to be developed in three phases (see Figures 1 and 2; all figures are provided in Attachment B). Each phase would be independent in service and function. The phases are:

- **Phase 1 – Vallejo Mill to Palomares Road.** The first phase would complete the connection from Vallejo Mill to Palomares Road. To provide independent utility, the project would need to create a new crossing of State Route 84 (SR-84) parallel to the Farwell Bridge.

- **Phase 2 – Palomares Road to Old Highway 84/UPRR Access Road.** The second phase would begin at Palomares Road and end at Old Highway 84/UPRR Access Road on the south side of SR-84.

- **Phase 3 – Old Highway 84/UPRR Access Road to Sunol.** The final phase would complete the trail between Niles and Sunol, extending from the UPRR Access Road to the community of Sunol, either along the north side of SR-84 through the Brightside Rail Yard (Alternate 1) or on the south side of SR-84 ending at the Sunol Water Temple (Alternate 2).

This study analyzes all three phases – Phase 1 is evaluated at the project level; Phases 2 and 3 are evaluated at the programmatic level at the end of this report.

The Phase 1 project site is depicted on the United States Geological Survey (USGS) *Niles, California* 7.5-minute topographic quadrangle map in Sections 10, 11, 15, 16, 21, and 22 of Township 4 South, Range 1 West, Mount Diablo Baseline and Meridian (USGS 1980; see Figure 1).

BACKGROUND RESEARCH

Northwest Information Center

On May 24, 2022, Jessika Akmenkalns (Researcher at the Northwest Information Center [NWIC]) conducted a record search at the NWIC of the California Historical Resources Information System in Rohnert Park. The NWIC, an affiliate of the California Office of Historic Preservation (OHP), is the official repository of cultural resources records and reports for Alameda County. The record search included a review of all recorded historic-period and precontact cultural resources within a 0.25-mile radius of the Phase 1 project site, as well as a review of known cultural resources surveys and excavation reports.

The record search results (NWIC File No. 21-1757; see Attachment C) indicate that 17 previous cultural resources studies have included a portion of the Phase 1 project site and that 26 previous cultural resources studies have included a portion of the 0.25-mile search radius. The 17 previous cultural studies that included a portion of the Phase 1 project site consist of 13 surveys (S-000622, S-000727, S-000898, S-002607, S-014067, S-022820, S-024041, S-031996, S-035457, S-036481, S-048490, S-052670, and S-053063), 1 archaeological testing program (S-013554), 1 archaeological monitoring (S-033061), 1 historic resources evaluation (S-042549), and 1 archaeological evaluation (S-050893). An estimated 50 percent of the Phase 1 project site and 0.25-mile radius has been studied.

As a result of previous cultural resources studies, 7 cultural resources have been recorded in the project site and 7 cultural resources have been recorded within 0.25 mile of the Phase 1 project site. The 7 cultural resources within the Phase 1 project site consist of P-01-000025 (a prehistoric village site), P-01-002192 (the historic-period Sunol Aqueduct), P-01-003280 (the historic-period Niles Old Town Complex), P-01-008189 (the historic-period Farwell Underpass), P-01-011357 (the historic-period Niles Canyon Railroad Historic District), P-01-011452 (the historic-period Alameda Creek Water Conveyance System), and P-01-011827 (the historic-period alignment of Alameda Creek). Of these 7 resources mapped within the Phase 1 project site, only P-01-000025 is archaeological in nature.

The 7 cultural resources within 0.25 mile of the Phase 1 project site consist of P-01-000227 (the historic-period Vallejo Mill, which also contains prehistoric components), P-01-001783 (the historic-period Southern Pacific Railroad), P-01-002190 (the historic-period Western Pacific Railroad), P-01-010778 (an isolated prehistoric artifact), P-01-011604 (isolated prehistoric artifacts), informal resource C-1519 (a prehistoric village), and informal resource C-1520 (a collection of prehistoric houses).

Aerial Photographs and Maps

Aerial photographs and historic maps that include the Phase 1 project site were also reviewed (USGS n.d.; NETR n.d.). The results of the review are presented in Table A.

Table A: Aerial Photograph and Historic Map Review

Map/Photograph	Results
1906 *Pleasanton, California* map (Scale 1:62,500)	The Phase 1 project site is not developed with any buildings. Alameda Creek and a railroad are directly adjacent to the Phase 1 project site.
1941 *Pleasanton, California* map (Scale 1:62,500)	Buildings are depicted near the eastern terminus of Old Canyon Road.
1946 aerial photograph	Buildings are present near the eastern terminus of Old Canyon Road.
1953 *Niles, California* map (Scale 1:24,000)	The buildings near the eastern terminus of Old Canyon Road are labeled as a pottery plant. A pipeline is depicted and labeled adjacent to the railroad.

Compiled by LSA (2023) from the United States Geological Survey (n.d.) and National Environmental Title Research (n.d.).

A review of additional aerial photographs did not result in a definitive demolition date of the pottery plant buildings near the Phase 1 project site.

Native American Heritage Commission

LSA submitted a request to the Native American Heritage Commission (NAHC) to request a review of the Sacred Lands File (SLF) for the presence of Native American cultural resources that the proposed project might impact. The NAHC maintains the SLF database and is the official State repository of Native American sacred-site location records in California.

Cody Campagne, NAHC Cultural Resources Analyst, responded on May 17, 2022, that the SLF search resulted in negative findings for sacred lands in the vicinity of the project site (see Attachment D). LSA understands that Alameda County Public Works Agency is conducting Assembly Bill 52 Native American consultation for the project.

Additional Background Research

Geologic deposits exist under surficial sediments of the project site, specifically sandstone, shale, and conglomerate deposits that date to the Paleocene (66 million to 56 million years ago) (CGS 2015).

ARCHAEOLOGICAL FIELD SURVEY

On September 9, 2022, LSA archaeologist Kerrie Collison conducted a pedestrian survey of the Phase 1 project site along with two representatives of the North Valley Yokuts Tribe. The survey was conducted utilizing transects spaced fewer than 3 meters apart and began near the intersection of Old Canyon Road and Clarke Drive. The entire length of the proposed Phase 1 trail segment as depicted on field maps following Old Canyon Road and the California Pottery Company Road to Palomares Road and back was walked. The proposed Phase 1 trail alignment is depicted following the ridge top on the south side of the Niles Canyon Railroad District. Due to access and safety issues, the survey followed the railroad alignment up to and across Weller Bridge. Special attention was paid to rodent burrow holes and aprons as well as the vicinity of the recorded location of P-01-000025 (Photograph 1). Portions of the Phase 1 project site were unpaved and contained vegetation and duff as ground cover, while other portions were paved or covered with gravel.



Photograph 1: Disked field near recorded location of P-01-000025. View to south.No archaeological resources or human remains were identified during the field survey of the Phase 1 project site, including near the recorded location of P-01-000025.

SUMMARY AND RECOMMENDATIONS

This study consisted of background research and a field survey. No human remains were identified within the project site as a result of the archaeological resources survey study. One archaeological resource (P-01-000025) was identified within the project site as a result of the record search, but no surficial remnants of the resource were observed during the survey. The Phase 1 project site has some sensitivity for cultural resources due to the number of prehistoric sites in the area and because Alameda Creek, which is directly adjacent to the Phase 1 project site, would have served as a food and water source for Native American populations in the area.

While no surficial remnants of P-01-000025 were observed during the archaeological field survey, there is still potential for subsurface archaeological deposits associated with the resource to exist within the Phase 1 project site. As such, LSA recommends that an archaeologist (either an archaeologist who meets the Secretary of the Interior's Professional Qualifications Standards for Archeology or an archaeologist supervised by such an archaeologist) monitor all ground-disturbing activities associated with project implementation within the recorded boundary of and within 100 feet of the boundary of the recorded location of resource P-01-000025 (see Figure 3), including clearing and grubbing activities. Archaeological monitoring should occur on a full-time basis during these excavation activities until the Project Archaeologist, based on the archaeological monitor's observations, is satisfied that there is little likelihood of encountering intact archaeological deposits. The Project Archaeologist may also determine whether it is appropriate to reduce monitoring to spot-checking on a part-time basis. In the event that archaeological resources are identified during project activities, work should be halted immediately within 25 meters of the find until the nature and significance of the find is assessed, and it is determined whether any additional study or treatment of the find is warranted. The archaeologist would develop proper mitigation measures required for the discovery per California Code of Regulations [CCR], Title 14, Chapter 3, Section 15064.5(f)). Additional studies could include, but would not be limited to, collection and documentation of artifacts, documentation of the cultural resources on State of California Department of Parks and Recreation Series 523 forms, or subsurface testing. Upon completion of the monitoring and, if necessary, mitigation, the archaeologist should prepare a report to document the methods and results of the monitoring. The final report should be submitted to the NWIC.

Based on conversations between LSA and representatives of the North Valley Yokuts Tribe during the field survey, it is likely that Native American monitoring will also be requested for portions of the trail that undergo archaeological monitoring. However, the final extent of Native American monitoring will be determined separately as a result of Assembly Bill 52 consultation.

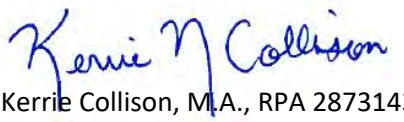
For Phases 2 and 3 of the overall Niles Canyon Trail Project, LSA recommends that Phase I cultural resources studies (which would include a record search, background research, field survey, and any additional fieldwork such as subsurface testing, if determined necessary) be conducted as part of project-specific environmental documentation for each phase.

In the event that human remains are encountered at any time during project work, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the Alameda County Coroner has made a determination of origin and disposition pursuant to State PRC Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be Native American, the County Coroner would notify the NAHC within 24 hours, which would determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection and make recommendations or preferences for treatment within 48 hours of being granted access to the site. The MLD's recommendations may include scientific removal and nondestructive analysis of human remains and items associated with Native American burials, preservation of Native American human remains and associated items in place, relinquishment of Native American human remains and associated items to the descendants for treatment, or any other culturally appropriate treatment.

If you have any questions concerning the content of this letter report, please contact me at kerrie.collison@lsa.net.

Sincerely,

LSA Associates, Inc.



Kerrie Collison, M.A., RPA 28731436
Associate/Senior Cultural Resources Manager

Attachments: A—References
B—Figures
C—Record Search Results—Confidential
D—Sacred Lands File Search Results

ATTACHMENT A

REFERENCES

California Geological Survey (CGS)
2015 Geologic Map of California. Website: https://maps.conservation.ca.gov/cgs/gmc/ (accessed April 21, 2023).

National Environmental Title Research (NETR)
n.d. Historic Aerials. Website: http://www.historicaerials.com (accessed April 21, 2023).

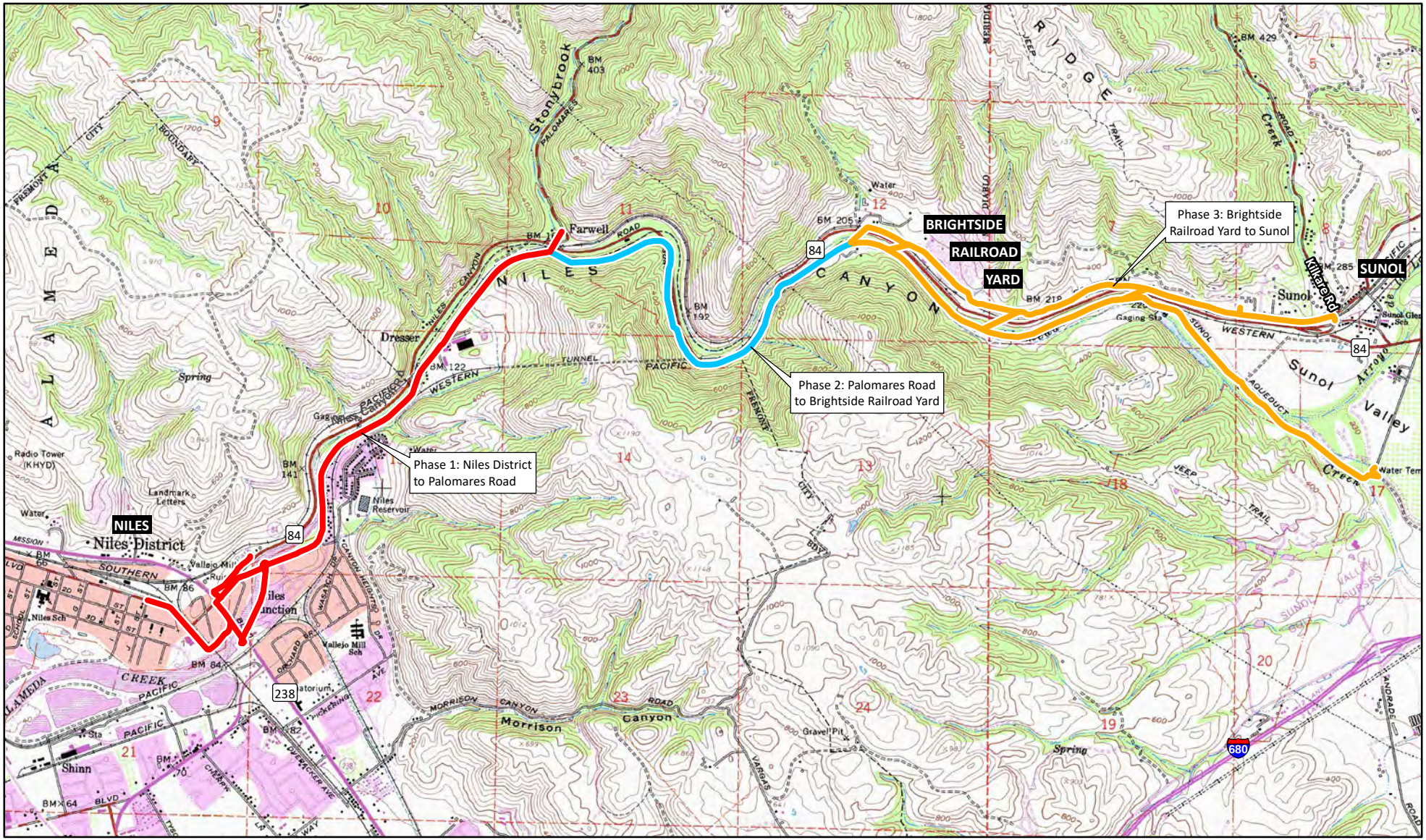
United States Geological Survey (USGS)
1980 *Niles, California* 7.5-minute topographic quadrangle. Prepared in 1961. Photorevised in 1980. Denver, Colorado.

n.d. USGS topoView. Website: https://ngmdb.usgs.gov/topoview/viewer/#4/39.98/-100.02 (accessed April 21, 2023).

ATTACHMENT B

FIGURES

Figure 1: Project Location and Vicinity
Figure 2: Project Site
Figure 3: Phase 1 Project Site and Archaeological Monitoring Areas



LSA

LEGEND

Project Phase

- Phase 1
- Phase 2
- Phase 3

0 1500 3000

FEET

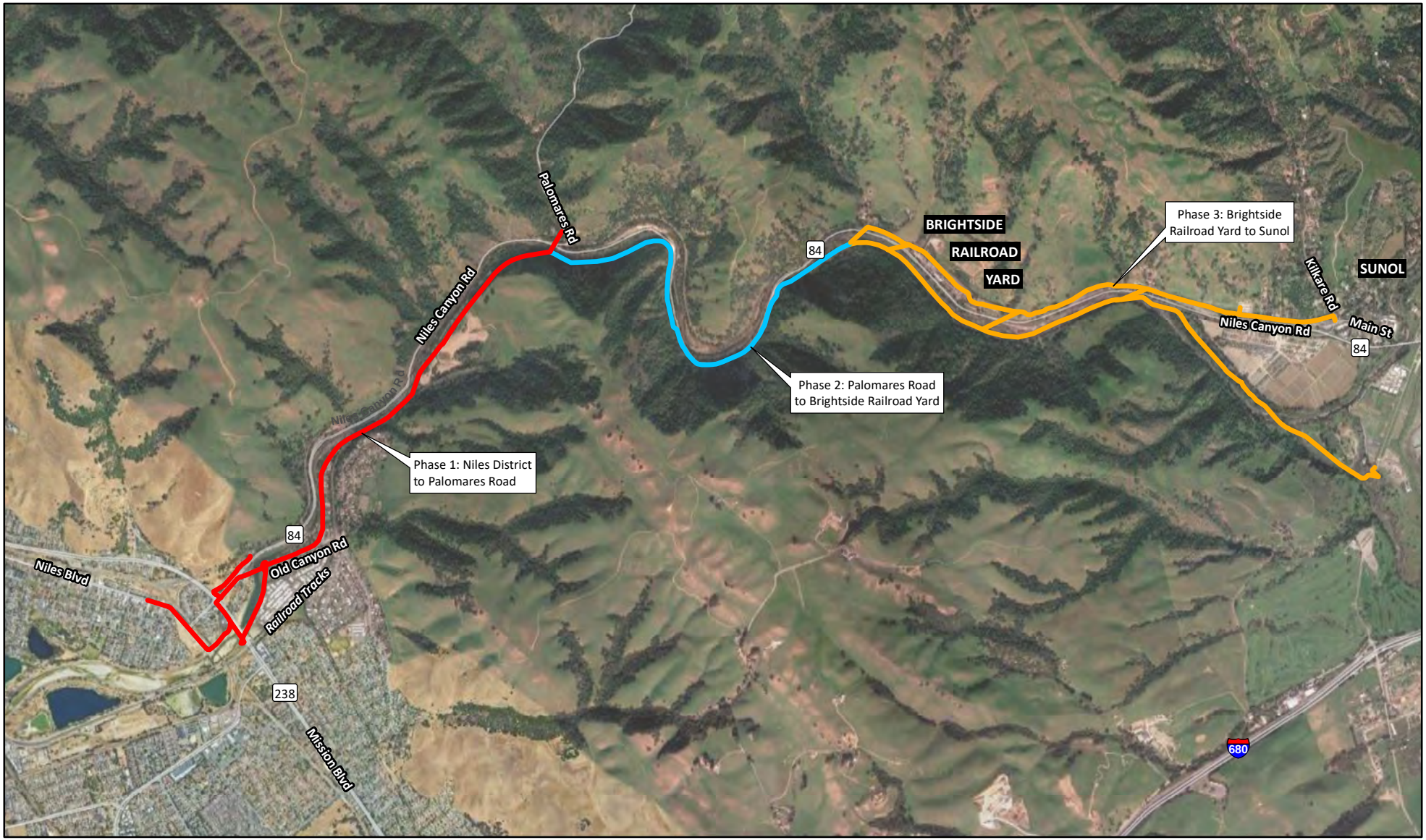
FIGURE 1

Niles Canyon Trail Project
Fremont, Alameda County, California

Project Location and Vicinity

SOURCE: CSW|ST2 (06/2022); USGS Topo - *Niles, CA* (1980).

I:\STU2001\GIS\Maps\Cultural\Figure 1_Project Location and Vicinity.mxd (4/25/2023)



LSA

LEGEND

Project Phase

- Phase 1
- Phase 2
- Phase 3

0 1500 3000

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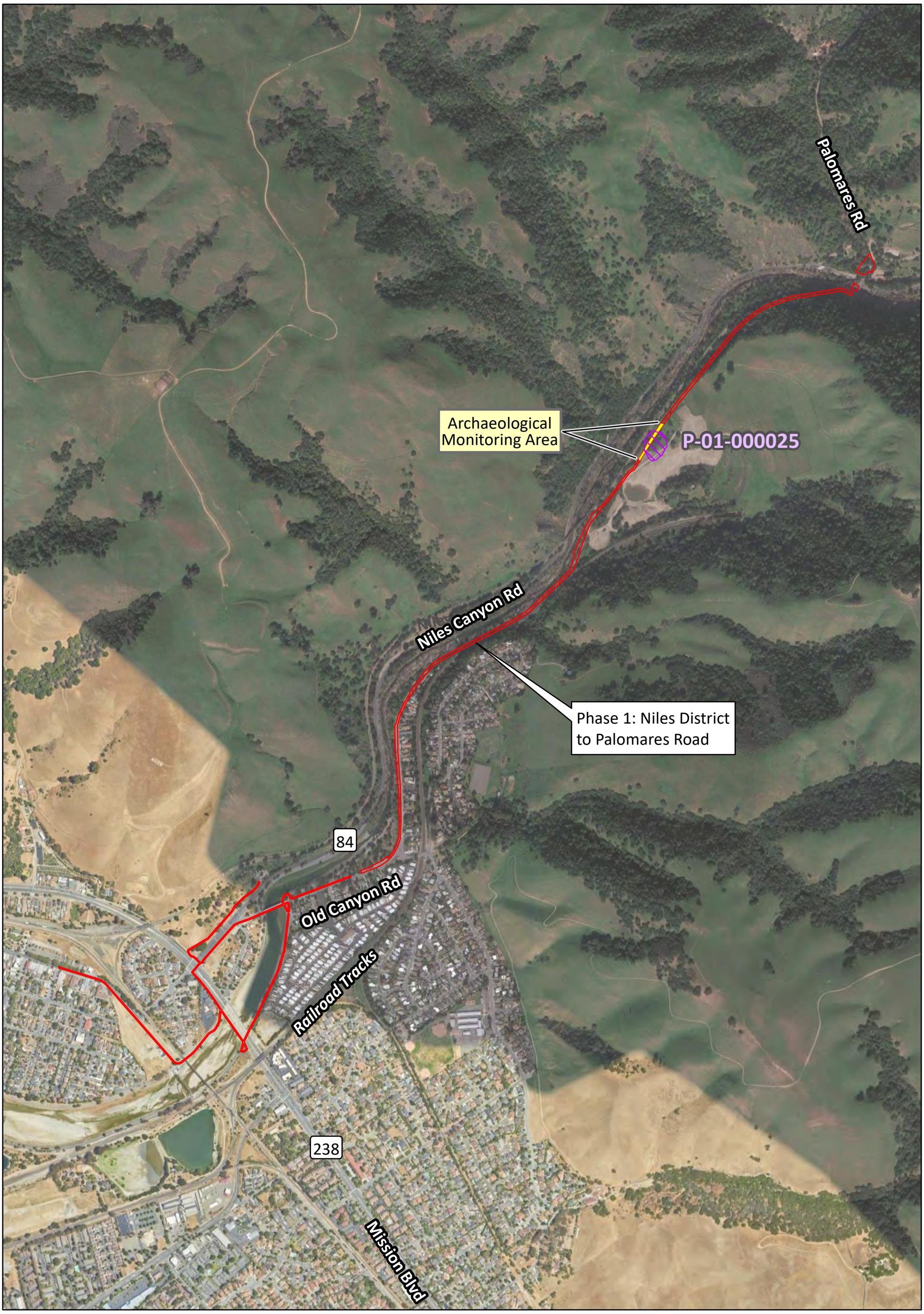
SOURCE: CSW|ST2 (06/2022); Google Maps (2023).

I:\STU2001\GIS\Maps\Cultural\Figure 2_Project Site.mxd (4/25/2023)

FIGURE 2

Niles Canyon Trail Project
Fremont, Alameda County, California

Project Site



LSA

LEGEND

- Project Limit
- Resource P-01-000025
- Archaeological Monitoring Area

0 500 1000
FEET

FIGURE 3

Niles Canyon Trail Project
Fremont, Alameda County, California

Phase 1 Project Site and Archaeological Monitoring Areas

SOURCE: CSW|ST2 (06/2022); Google Maps (2023).

I:\STU2001\GIS\Maps\Cultural\Figure 3_Phase 1 Project Site and Archaeological Monitoring Areas.mxd (4/25/2023)

ATTACHMENT C

RECORD SEARCH RESULTS

CONFIDENTIAL

ATTACHMENT D

SACRED LANDS FILE SEARCH RESULTS

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

PARLIAMENTARIAN
Russell Attebery
Karuk

SECRETARY
Sara Dutschke
Miwok

COMMISSIONER
William Mungary
Paiute/White Mountain Apache

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Buffy McQuillen
Yokayo Pomo, Yuki, Nomlaki

COMMISSIONER
Wayne Nelson
Luiseño

COMMISSIONER
Stanley Rodriguez
Kumeyaay

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok/Nisenan

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

May 17, 2022

Jim Browne
Alameda County Public Works Agency

Via Email to: jimb@acpwa.org

Re: Native American Tribal Consultation, Pursuant to the Assembly Bill 52 (AB 52), Amendments to the California Environmental Quality Act (CEQA) (Chapter 532, Statutes of 2014), Public Resources Code Sections 5097.94 (m), 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2 and 21084.3, Niles Canyon Trail Phase 1 Project, Alameda County

Dear Mr. Browne:

Pursuant to Public Resources Code section 21080.3.1 (c), attached is a consultation list of tribes that are traditionally and culturally affiliated with the geographic area of the above-listed project. Please note that the intent of the AB 52 amendments to CEQA is to avoid and/or mitigate impacts to tribal cultural resources, (Pub. Resources Code §21084.3 (a)) ("Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource.")

Public Resources Code sections 21080.3.1 and 21084.3(c) require CEQA lead agencies to consult with California Native American tribes that have requested notice from such agencies of proposed projects in the geographic area that are traditionally and culturally affiliated with the tribes on projects for which a Notice of Preparation or Notice of Negative Declaration or Mitigated Negative Declaration has been filed on or after July 1, 2015. Specifically, Public Resources Code section 21080.3.1 (d) provides:

Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section.

The AB 52 amendments to CEQA law does not preclude initiating consultation with the tribes that are culturally and traditionally affiliated within your jurisdiction prior to receiving requests for notification of projects in the tribe's areas of traditional and cultural affiliation. The Native American Heritage Commission (NAHC) recommends, but does not require, early consultation as a best practice to ensure that lead agencies receive sufficient information about cultural resources in a project area to avoid damaging effects to tribal cultural resources.

The NAHC also recommends, but does not require that agencies should also include with their notification letters, information regarding any cultural resources assessment that has been completed on the area of potential effect (APE), such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:

- A listing of any and all known cultural resources that have already been recorded on or adjacent to the APE, such as known archaeological sites;
- Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;
- Whether the records search indicates a low, moderate, or high probability that unrecorded cultural resources are located in the APE; and
- If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.

2. The results of any archaeological inventory survey that was conducted, including:

- Any report that may contain site forms, site significance, and suggested mitigation measures.

  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 in accordance with Government Code section 6254.10.

3. The result of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative.

4. Any ethnographic studies conducted for any area including all or part of the APE; and

5. Any geotechnical reports regarding all or part of the APE.

Lead agencies should be aware that records maintained by the NAHC and CHRIS are not exhaustive and a negative response to these searches does not preclude the existence of a tribal cultural resource. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the event that they do, having the information beforehand will help to facilitate the consultation process.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our consultation list remains current.

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

Sincerely,

Cody Campagne

Cody Campagne
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Tribal Consultation List
Alameda County
5/17/2022

Amah MutsunTribal Band of Mission San Juan Bautista
Irene Zwierlein, Chairperson
3030 Soda Bay Road — Costanoan
Lakeport, CA, 95453
Phone: (650) 851 - 7489
Fax: (650) 332-1526
amahmutsuntribal@gmail.com

Costanoan Rumsen Carmel Tribe
Tony Cerda, Chairperson
244 E. 1st Street — Costanoan
Pomona, CA, 91766
Phone: (909) 629 - 6081
Fax: (909) 524-8041
rumsen@aol.com

Indian Canyon Mutsun Band of Costanoan
Kanyon Sayers-Roods, MLD Contact
1615 Pearson Court — Costanoan
San Jose, CA, 95122
Phone: (408) 673 - 0626
kanyon@kanyonkonsulting.com

Indian Canyon Mutsun Band of Costanoan
Ann Marie Sayers, Chairperson
P.O. Box 28 — Costanoan
Hollister, CA, 95024
Phone: (831) 637 - 4238
ams@indiancanyons.org

Muwekma Ohlone Indian Tribe of the SF Bay Area
Monica Arellano, Vice Chairwoman
20885 Redwood Road, Suite 232 — Costanoan
Castro Valley, CA, 94546
Phone: (408) 205 - 9714
marellano@muwekma.org

Muwekma Ohlone Indian Tribe of the SF Bay Area
Charlene Nijmeh, Chairperson
20885 Redwood Road, Suite 232 — Costanoan
Castro Valley, CA, 94546
Phone: (408) 464 - 2892
cnijmeh@muwekma.org

North Valley Yokuts Tribe
Timothy Perez,
P.O. Box 717 — Costanoan
Linden, CA, 95236 — Northern Valley Yokut
Phone: (209) 662 - 2788
huskanam@gmail.com

North Valley Yokuts Tribe
Katherine Perez, Chairperson
P.O. Box 717 — Costanoan
Linden, CA, 95236 — Northern Valley Yokut
Phone: (209) 887 - 3415
canutes@verizon.net

The Ohlone Indian Tribe
Andrew Galvan,
P.O. Box 3388 — Bay Miwok
Fremont, CA, 94539 — Ohlone
Phone: (510) 882 - 0527 — Patwin
Fax: (510) 687-9393 — Plains Miwok
chochenyo@AOL.com

Wuksache Indian Tribe/Eshom Valley Band
Kenneth Woodrow, Chairperson
1179 Rock Haven Ct. — Foothill Yokut
Salinas, CA, 93906 — Mono
Phone: (831) 443 - 9702
kwood8934@aol.com

The Confederated Villages of Lisjan
Corrina Gould, Chairperson
10926 Edes Avenue — Bay Miwok
Oakland, CA, 94603 — Ohlone
Phone: (510) 575 - 8408 — Delta Yokut
cvltribe@gmail.com

Tamien Nation
Quirina Luna Geary, Chairperson
PO Box 8053 — Costanoan
San Jose, CA, 95155
Phone: (707) 295 - 4011
qgeary@tamien.org

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and section 5097.98 of the Public Resources Code.

This list is only applicable for consultation with Native American tribes under Public Resources Code Sections 21080.3.1 for the proposed Niles Canyon Trail Phase 1 Project, Alameda County.

APPENDIX D

ARCHITECTURAL LETTER REPORT

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CARLSBAD
CLOVIS
IRVINE
LOS ANGELES
PALM SPRINGS
POINT RICHMOND
RIVERSIDE
ROSEVILLE
SAN LUIS OBISPO

August 7, 2023

Amber Lo, Supervising Civil Engineer
Alameda County Public Works Agency
399 Elmhurst Street
Hayward, CA 94544

Subject: Built Environment Cultural Resource with Phase 1 – Niles District to Palomares Road segment of the Proposed Niles Canyon Trail Alignment, Fremont, Alameda County, California (LSA Project No.: STU2001; Phase 06)

Dear Ms. Lo:

This letter report presents the results of supplemental research and a cultural resources field survey of the Phase 1 segment of the proposed Niles Canyon Trail Alignment between Niles District to Palomares Road in Alameda County, California. The proposed trail would provide a 10-foot wide, accessible, and all-weather surface trail through Niles Canyon, linking the Niles district of the City of Fremont with the Town of Sunol.

This letter report of findings augments an earlier memorandum documenting the results of a "desktop cultural resources review" for the proposed project, including of all three phases prepared by LSA in May 2020 (LSA 2020). LSA's earlier desktop study consisted of "a review of an archival records search completed for the project on December 15, 2014, at the Northwest Information Center (NWIC) at Sonoma State University. The 2020 LSA memorandum summarized potential cultural resource constraints for the project and recommended next steps. The 2020 LSA memorandum found the following that apply to built environment (i.e., architectural) cultural resources:

- There are eleven (11) recorded cultural resources that are within or adjacent to the proposed trail.
- Cultural resources within or adjacent to the proposed trial consist of historic-period infrastructure, including water conveyance systems, railroads, bridges, and telegraph poles.
- Seven (7) of the eleven cultural resources are listed in, or appear eligible for, the NRHP and CRHR.
- Caltrans oversight will be required for the project and will require outreach and consultation with Native American tribes.
- A cultural resources field survey will be conducted.
- To minimize potential impacts to cultural resources, the project should use existing paved or previously disturbed surfaces when feasible.

This letter report of findings was prepared in response to recommendations listed in the 2020 LSA memorandum that are specific to built environment cultural resources. This updated built

environment cultural resources analysis is based on Phase 1 Field Maps for the proposed trail alignment dated July 21, 2022 (Attachment A).

Based on supplemental background research, a review of the cultural resource site records and field observations, LSA concludes the previously recorded resources within Phase 1 segment retain the aspects of their integrity that convey their significance as historic properties for the purposes of Section 106 of the National Historic Preservation Act and as historical resources for the purposes of the California Environmental Quality Act (CEQA). No new additional built environment resources were identified.

The methods, analysis, and conclusions of this letter report of findings are presented in the sections that follow. See Appendix B for Department of Parks and Recreation (DPR) 523 Series forms for the resources listed above.

BACKGROUND RESEARCH

This section discusses additional background research conducted for this study to identify cultural resources within the APE, and to assess the potential for such resources and builds off the study prepared in 2020. The supplemental background research included a review of the NWIC records search results, a review of national, state, and local historical registers and inventories for updated information and a pedestrian field survey of the entire Phase 1 segment by an LSA Architectural Historian who meets the Secretary of the Interior's *Professional Qualification Standards* (36 CFR Part 61) The results of these tasks are described and summarized below. Please refer to Attachments B and C for copies of the cultural resource records obtained from the NWIC and the California Department of Transportation (Caltrans) for more specific resource information and eligibility analysis.

Records Search

On May 24, 2022, NWIC Researcher Jessika Akmenkalns conducted a record search (File No. 21-1757). The NWIC, an affiliate of the California Office of Historic Preservation (OHP) is the official state repository of cultural resources records and reports for Alameda County. The record search included a review of all recorded historic-period and precontact cultural resources within a 0.25-mile radius of the Phase 1 project site, as well as a review of known cultural resources surveys and excavation reports. The results section below focuses on built environment resources only.

Results. Based on supplemental background research, a review of the cultural resource site records and field observations, LSA concludes that of the fourteen-previously recorded resources with the segment and a 0.25-mile radius, the following five built environment resources are located within Phase 1 segment:

- **P-01-002192/CA-ALA-583H; Sunol Aqueduct of the Spring Valley Water Company.** This resource consists of a 4.9-mile-long water conveyance structure paralleling Alameda Creek between Niles and Sunol. This segment was constructed in 1923 and replaced an earlier wood box flues built in 1898-1900. The segment of the Sunol Aqueduct was evaluated in 1998 and assigned a California Historical Resource Status Code of "3," indicating that it "[a]ppears eligible for listing in the National Register [of Historic Places]" (NRHP). This segment of the Sunol

Aqueduct is a historical resource for the purposes of the California Environmental Quality Act (CEQA).

- **P-01-003280; Niles Old Town Complex.** This resource consists of a "complex of historic sites and existing resources about [José de Jesús] Vallejo Mill (old Spanish town) and early transcontinental Railroad Depot terminus and small town with remainder of Essanay Studio activities and concentration of Victorian commercial and residential structures." A rough sketch map prepared circa 1974 depicts an approximately six-square block concentration as the anchor to the complex with the Niles Blvd the Essanay Studio, the Niles Depot, and a segment of "Old Vallejo Street" that in turn leads to the Vallejo Mills site lying between the railroad to the north and Niles Canyon Road to the south. According to a "Historic Resources Inventory" form prepared by the Mission peak Heritage Foundation in April 1974, the complex consists of complex contains seven sites and seventeen structural or built environment elements. The Niles Old Town Complex was assigned a California Historical Resource Status Code of "7R," indicating that it was "[i]dentified in Reconnaissance Level Survey or in an Area of Potential Effect (APE): Not evaluated." LSA reviewed the Niles old Town Complex during a field survey, and it appears eligible as a historic district for associations the early economic and residential history of Niles and for the buildings' collective architectural qualities. For the purposes of this project, the Niles Old Town Complex is assumed to a historical resource for the purposes of CEQA.

- **P-01-008189; Farwell Bridge (a.k.a. Farwell Underpass); Caltrans Bridge #33-0035.** This resource consists of a five-span structure that carries a single-railroad track over State Route 84 (SR 84) and Alameda Creek at the intersection of Palomares Road. This structure was built in two phases, the first phase comprising the eastern abutment that carries the railroad over SR 84 in 1865-66 and a second phase in 1896 that corresponds to the construction of the railroad bridge over Alameda Creek. The Caltrans Historic Bridge Inventory for State Agency Bridges indicates this bridge was built in 1932, however, as an evaluation by Caltrans Architectural Historian Andrew Hope suggests, this date may reflect when "the plate-girder span over the highway was replaced or enlarged at that time", in addition, "the [concrete] facing of stone piers and abutments with concrete may have also occurred at that time" (Hope 1994:2).

  This resource was assigned a California Historical Resource Status Code of "1D" on October 13, 2010, indicating that it is a "[c]ontributor to a multi-component resource like a district listed in the N[ational] R[egister] by the Keeper [of the National register]/ Listed in C[alifornia] R[egister] of H[isotrical] R[esources]" (CRHR). In addition, the September 2022 edition of the Caltrans Historic Bridge Inventory for State Agency Bridges indicates this structure was assigned a Historic Significance rating of "2" indicating it "Bridge is eligible for NRHP." The Farwell Bridge/Underpass is a historical resource for the purposes of CEQA.

- **P-01-011357; Southern Pacific Railroad – Alameda Canyon Line (a.k.a., Niles Canyon Transcontinental Railroad Historic District, Niles Canyon Railroad District).** This resource consists of a six-mile segment of railroad that winds through Niles Canyon, from Sunol Railroad Station on the east to the Niles Railroad Station on the west. The resource is classified as a historic district and its contributing elements include the railroad alignment through Niles Canyon, the railroad grade, ties and ballast, a telegraph line, and a code line "and all other structural components of the line" (Scantlebury 2004). The boundary is determined by

geographical and historical characteristics. This resource was recoded as a district in 2004 and assigned a California Historical Resource Status Code of "1S," in 2010 indicating that it is "[i]ndividually listed in the NR[HP] by the Keeper [of the National Register]. Listed in the CR[HR]." Southern Pacific Railroad – Alameda Canyon Line (a.k.a., Niles Canyon Transcontinental Railroad Historic District, Niles Canyon Railroad District) is a historical resource for the purposes of CEQA.

- **P-01-011452; Spring Valley Water Company Conveyance System.** This resource consists of the Sunol Dam, Sunol Aqueduct, Sunol Valley Filtration Galleries, Niles Dam, and the Niles Regulating Reservoir, as well as two sets of transbay pipelines. The Alameda Headquarters for the system is located on the western boundary of Alameda Creek and includes 22 buildings and structures that were associated with the daily operations of Alameda Division of the Spring Valley Water Company. These resources were constructed between 1898 and 1930. This resource was evaluated in 2002 and assigned a California Historical Resource Status Code of "3," indicating that it "[a]ppears eligible for listing in the NRHP." The Spring Valley Water Company Conveyance System is a historical resource for the purposes of CEQA.

The following three built environment resources are located within 0.25-mile radius of the Phase 1 segment:

- **P-01-000227/CA-ALA-548/H; Vallejo Mill.** According to an archaeological site report prepared in 1992, this approximately 2.5-acre resource consists of "the remains of Jose de Vallejo's flour mills. The site contains the buried remains of the foundation of the first 1841 adobe flour mill, as well as the visible above-ground stone foundation of a second mill and accompanying wheel well, constructed in 1856. There is an extensive historic artifact scatter visible, as well as a faint ditch, the function of which is unknown. Excavations in 1986 also produced a few aboriginal artifacts." This resource appears also recorded as P-01-003281. On August 2, 2020, this resource was assigned a California Historical Resource Status Code of "3S," indicating that it "[a]ppears eligible for N[ationa] R[egister] individually through survey evaluation." In 1932, the Vallejo Mill was designed California Historic Landmark (No. 46). The Vallejo Mill is a historical resource for the purposes of CEQA.

- **P-01-001783; Southern Pacific Railroad.** Please refer to P-01-0011357 above for more information regarding the segment of former Southern Pacific railroad in this area.

- **P-01-002190; Western Pacific Railroad (Niles Canyon Segment).** This resource consists of a six-mile segment of the former Western Pacific Railroad (now the Union Pacific Railroad). This segment is part of a larger linear resource that crosses two counties. According to an evaluation by Caltrans architectural historian William Kostura, "[o]utside of Oakland, but within Alameda County, a six-mile segment of the Western Pacific Railroad's line through Niles Canyon was evaluated by Caltrans in 1998 and was determined to be eligible for the National Register. That segment was found to possess significance because it still demonstrates the technical achievements of building a transcontinental railroad through very difficult terrain, because it possesses an unaltered setting, and because it contributed to breaking the Southern Pacific Railroad's monopoly in the San Francisco Bay Area. The 1998 evaluation by Caltrans assigned a California Historical Resource Status Code of "3S," indicating that this segment of the former

Western Pacific Railroad "[a]ppears eligible for N[ationa] R[egister] individually through survey evaluation." The this segment of the former Western Pacific Railroad is a historical resource for the purposes of CEQA.

Literature Review

LSA reviewed the following local and State inventories for built environment cultural resources in and adjacent to the project site.

- *California Inventory of Historic Resources* (California Department of Parks and Recreation 1976);
- *Five Views: An Ethnic Historic Site Survey for California* (California Office of Historic Preservation 1988);
- *California Points of Historical Interest* (California Office of Historic Preservation 1992);
- *California Historical Landmarks* (California Office of Historic Preservation 1996);
- *An Architectural Guidebook to San Francisco and the Bay Area* (Cerny 2007);
- *A Living Legacy: Historic Architecture of the East Bay* (Wilson 1987); and
- *Built Environment Resources Directory: Alameda County* (California Office of Historic Preservation 2023). The directory includes the listings of the National Register of Historic Places (NRHP), National Historic Landmarks, CRHR, California Historical Landmarks, and California Points of Historical Interest.

Results. A review of State inventories and secondary literature did not identify any additional historical resources within or adjacent to the Phase 1 segment.

FIELD REVIEW

LSA architectural historian Michael Hibma conducted a field review of the Phase 1 segment on September 9, 2022. The survey documented the condition of the four previously recorded resources and their setting within the Phase 1 segment in field notes and photographs.

Results. Mr. Hibma arrived at the western terminus of the Phase 1 segment near the intersection of Old Canyon Road and Clarke Drive and walked the entire length of the proposed trail segment as depicted on field maps following Old Canyon Road and the California Pottery Company Road to Palomares Road and back. As noted in the 2020 records search, a segment of the Sunol Aqueduct, a segment of the Spring Valley Creek Water Conveyance System, the Niles Canyon Railroad District, and the Farwell Bridge were identified. The proposed trail alignment is depicted following the ridge top on the south side of the Niles Canyon Railroad District. Due to access and safety, the survey followed the railroad alignment up to and across Weller Bridge. The survey did not identify any additional built environment cultural resources 45 years old or older that warranted evaluation. The historical resources in the survey area respond to the topographical constraints of this narrow gorge in the southern end of the Diablo Range and characterizes the landscape as one whose historical pattern is of movement, whether it be people, trains, automobiles, or water.

The surveyed area appears in fair condition as evidence of regular use near the end of Old Canyon Road and to the east beyond a gate onto the California Potter Company Road. Segments of intact asphalt paving were observed; however, the trail is largely unpaved. The western end of Phase 1 appears to be a former two-lane road in a rural setting, later abandoned, that has fallen into disrepair over the last several decades. The survey did not identify any additional, non-previously evaluated built environment resources, materials, or features that appear 45 years old or older in the Phase 1 segment to warrant evaluation.[1]

HISTORICAL CONTEXT AND ELIGIBILITY EVALUATIONS

Please see Attachment B for DPR 523 Series form records, which contain NRHP based eligibility evaluation of the four identified built environment resources identified in Phase 1 segment of the proposed Niles Canyon Trail Alignment.

CONCLUSION

Supplemental background research, including a literature review, and a field review by an architectural historian identified the following four previously recorded built environment cultural resources more than 45 years old in the Phase 1 segment. The following resources were identified and appear eligible for inclusion in the NRHP or CRHR individually or as contributing element to an identified historic district and are historical resources for the purposes of CEQA (Public Resources Code Section 21084.1).

Name	Address/ Location	Community	NRHP and CRHR Eligibility California Historical Resource Status Code	CEQA Historical Resource?
P-01-002192/ CA-ALA-583H; Sunol Aqueduct of the Spring Valley Water Company	Within Phase 1 survey area.	Niles (vic)	"3," = [a]ppears eligible for listing in the NR[HP]"	Yes
P-01-003280; Niles Old Town Complex. This	Within Phase 1 survey area	Niles	"7R," indicating that it was "[i]dentified in Reconnaissance Level Survey or in an Area of Potential Effect (APE): Not evaluated."	Yes*
P-01-008189; Farwell Bridge (a.k.a. Farwell Underpass) Caltrans Bridge #33-0035	State Route 84 and Alameda Creek	Niles (vic)	"2S4" = "individually determined eligible for NR[HP] pursuant to Section 106 without review by SHPO. Listed in CRHR."	Yes

[1] The California Office of Historic Preservation guidance encourages a 45-year threshold for evaluation as "*there is commonly a five year lag between resource identification and the date that planning decisions are made. It explicitly encourages the collection of data about resources that may become eligible for the NRHP or California Register of Historic Resources (CRHR) within that planning period*. Moreover, "*OHP recognizes that there are a wide range of reasons for recording historical resources. It is understandable that within the constraints of a survey's objectives it is not always reasonable or appropriate to record all historical resources as defined here. Professional judgement in the field is essential when determining whether or not a resource warrants recordation*" (Office of Historic Preservation 1995:2).

Name	Address/ Location	Community	NRHP and CRHR Eligibility California Historical Resource Status Code	CEQA Historical Resource?
P-01-011357; Southern Pacific Railroad – Alameda Canyon Line (a.k.a., Niles Canyon Transcontinental Railroad Historic District).	Within Phase 1 survey area.	Niles (vic)	"1S," = "[i]ndividually listed in the NR[HP] by the Keeper. Listed in the CR[HR]."	Yes
P-01-011452; Spring Valley Water Company Conveyance System	Portions within Phase 1 survey area.	Niles (vic)	"3," indicating that it "[a]ppears eligible for listing in the NRHP."	Yes

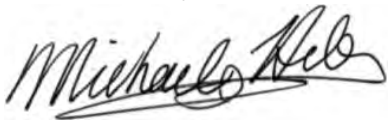
Source: California Historical Resource Status Codes (California Department of Parks and Recreation 2020).
*- appears eligible as a historic district by LSA architectural historian as a result of background research and field survey.

This letter report of findings identified four did not identify additional built environment cultural resources that may meet the definition of a historic property (36 CFR Part 800.16(l)(1)) or as a historical resource for the purposes of CEQA (Public Resources Code Section 21084.1).

As no additional built environment cultural resources were identified in the segment surveyed LSA did not prepare a Historical Resources Evaluation Report (HRER) or additional California Department of Parks and Recreation 523 Series forms (DPR 523 forms) to Caltrans standards.

Sincerely,

LSA Associates, Inc.



Michael Hibma, M.A., AICP
Associate/Architectural Historian

Attachments: A: Maps

B: Cultural Resource Records

C: Caltrans Bridge Inventory Form - Caltrans Bridge #33-0035; Farwell Underpass

D: Pedestrian Field Survey Images – September 9, 2022

REFERENCES

Blosser, Amanda
2003 California Department of Parks and Recreation Series 523 district form record of P-01-0011452; Spring Valley Water Company's Alameda Creek System. JRP Historical Consulting Services, Davis, California. Form on file at Northwest Information Center, Rohnert Park, California

California Office of Historic Preservation
1988 *Five Views: An Ethnic Historic Site Survey for California*. California Department of Parks and Recreation, Sacramento.

1992 *California Points of Historical Interest*. California Department of Parks and Recreation, Sacramento.

1995 *Instructions for Recording Historical Resources*. Office of Historic Preservation, Sacramento, California. Electronic document, https://ohp.parks.ca.gov/pages/1054/files/manual95.pdf, accessed various.

1996 *California Historical Landmarks*. California Department of Parks and Recreation, Sacramento.

2001 *California Environmental Quality Act (CEQA) and Historical Resources*. California Department of Parks and Recreation, Sacramento.

2018 *California Historical Landmarks: Alameda*. Electronic document, http://ohp.parks.ca.gov/?page_id=21388 , accessed various.

2023 Built Environment Resources Directory: Alameda County. Electronic document, https://ohp.parks.ca.gov/?page_id=30338, accessed various.

Hope, Andrew
1994 California Department of Parks and Recreation Series 523 individual resource form record of P-01-008189; Farwell Underpass Bridge (Bridge #33-0035). California Department of Transportation, District 4, Oakland, California. Form on file at Northwest Information Center, Rohnert Park, California.

Krase, Elizabeth
1998 California Department of Parks and Recreation Series 523 individual resource form record of P-01-002192; Sunol Aqueduct of [the] Spring Valley Water Company's Alameda Creek System. California Department of Transportation, District 4, Oakland, California. Form on file at Northwest Information Center, Rohnert Park, California

LSA
2020 *Cultural Resources within the Proposed Niles Canyon Trail Alignment, Fremont, Alameda County.* Memorandum of desktop research dated 6 May 2020 to Michael Videa and Robert

Stevens, CSW/Stuber-Stroeh Engineering Group, Inc. LSA Associates, Point Richmond, California.

Scantlebury, Meg
2004 California Department of Parks and Recreation Series 523 district form record of P-01-011357; Southern Pacific Railroad – Alameda Canyon Line (a.k.a., Niles Canyon Transcontinental Railroad Historic District, Niles Canyon Railroad District). California Department of Transportation, District 4, Oakland, California. Form on file at Northwest Information Center, Rohnert Park, California.

PREPARER'S QUALIFICATIONS

Michael Hibma, M.A., AICP, prepared this letter report of findings. Mr. Hibma is an architectural historian in the Point Richmond, California, office of LSA and has over 15 years of experience in cultural resources management. Mr. Hibma holds an M.A. in History from California State University, Sacramento; meets the Secretary of the Interior's *Professional Qualifications Standards* as an architectural historian and historian (48 CFR 44716); and is certified by the American Institute of Certified Planners (AICP #32009).

ATTACHMENT A

MAPS



LSA

LEGEND

- Survey Area
- Bridge
- Project Limit
- Trail (14' wide)
- Proposed Retaining Wall
- Property Line

Previously Recorded Resources

- resource_lines
- resource_aprxloc
- resource_polys
- resource_districts

0 50 100
FEET

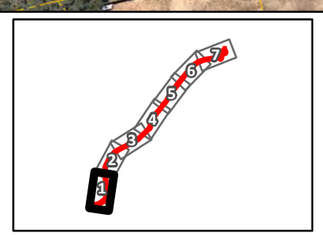


FIGURE 1
Sheet 1 of 7

Niles Canyon Trail Project
Fremont, Alameda County, California

Phase I Field Maps

SOURCE: CSW|ST2 (06/2021); Google Maps (2021).

I:\STU2001\GIS\Maps\Field Maps\Field Maps w CR_2022-07-21.mxd (7/21/2022)



LSA

LEGEND

- Survey Area
- Bridge
- Project Limit
- Trail (14' wide)
- Proposed Retaining Wall
- Property Line

Previously Recorded Resources

- resource_lines
- resource_aprxloc
- resource_polys
- resource_districts

0 50 100
FEET



SOURCE: CSW|ST2 (06/2021); Google Maps (2021).

I:\STU2001\GIS\Maps\Field Maps\Field Maps w CR_2022-07-21.mxd (7/21/2022)

FIGURE 1
Sheet 2 of 7

Niles Canyon Trail Project
Fremont, Alameda County, California

Phase I Field Maps



LSA

LEGEND

- Survey Area
- Bridge
- Project Limit
- Trail (14' wide)
- Proposed Retaining Wall
- Property Line

Previously Recorded Resources

- resource_lines
- resource_aprxloc
- resource_polys
- resource_districts

0 50 100
FEET

SOURCE: CSW|ST2 (06/2021); Google Maps (2021).

I:\STU2001\GIS\Maps\Field Maps\Field Maps w CR_2022-07-21.mxd (7/21/2022)

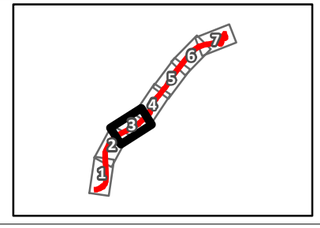
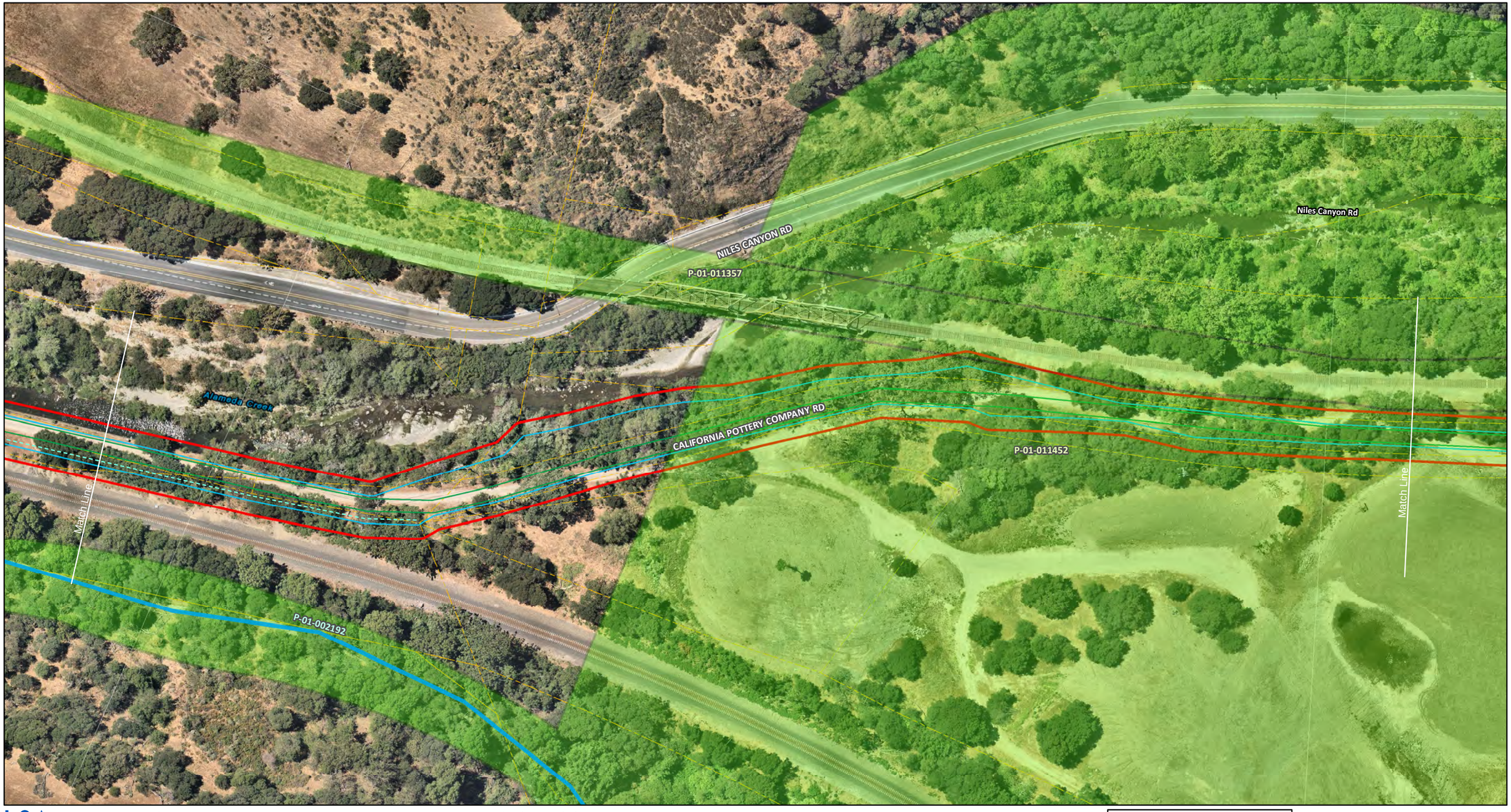


FIGURE 1
Sheet 3 of 7

Niles Canyon Trail Project
Fremont, Alameda County, California
Phase I Field Maps



LSA

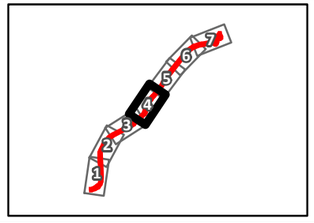
LEGEND

- Survey Area
- Bridge
- Project Limit
- Trail (14' wide)
- Proposed Retaining Wall
- Property Line

Previously Recorded Resources

- resource_lines
- resource_aprxloc
- resource_polys
- resource_districts

0 50 100
FEET



SOURCE: CSW|ST2 (06/2021); Google Maps (2021).

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FIGURE 1
Sheet 4 of 7

Niles Canyon Trail Project
Fremont, Alameda County, California
Phase I Field Maps



LSA

LEGEND

- Survey Area
- Bridge
- Project Limit
- Trail (14' wide)
- Proposed Retaining Wall
- Property Line

Previously Recorded Resources

- resource_lines
- resource_aprxloc
- resource_polys
- resource_districts

0 50 100
FEET

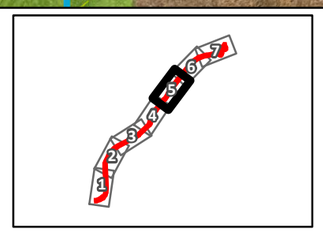


FIGURE 1
Sheet 5 of 7

Niles Canyon Trail Project
Fremont, Alameda County, California
Phase I Field Maps

SOURCE: CSW|ST2 (06/2021); Google Maps (2021).

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LSA

LEGEND

- Survey Area
- Bridge
- Project Limit
- Trail (14' wide)
- Proposed Retaining Wall
- Property Line

Previously Recorded Resources

- resource_lines
- resource_aprxloc
- resource_polys
- resource_districts

0 50 100
FEET

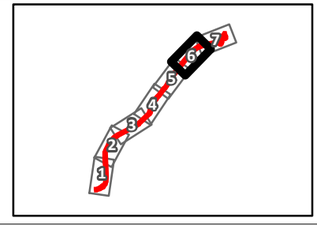


FIGURE 1
Sheet 6 of 7

Niles Canyon Trail Project
Fremont, Alameda County, California
Phase I Field Maps

SOURCE: CSW|ST2 (06/2021); Google Maps (2021).

I:\STU2001\GIS\Maps\Field Maps\Field Maps w CR_2022-07-21.mxd (7/21/2022)



LSA

LEGEND

- Survey Area
- Bridge
- Project Limit
- Trail (14' wide)
- Proposed Retaining Wall
- Property Line

Previously Recorded Resources

- resource_lines
- resource_aprxloc
- resource_polys
- resource_districts

0 50 100
FEET

SOURCE: CSW|ST2 (06/2021); Google Maps (2021).

I:\STU2001\GIS\Maps\Field Maps\Field Maps w CR_2022-07-21.mxd (7/21/2022)

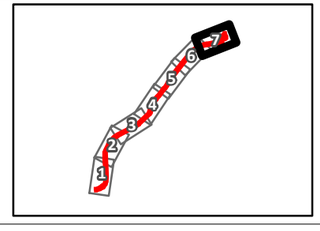


FIGURE 1
Sheet 7 of 7

Niles Canyon Trail Project
Fremont, Alameda County, California

Phase I Field Maps

ATTACHMENT B

CULTURAL RESOURCE RECORDS

P-01-002192

P-01-003280

P-01-008189

P-01-011357

P-01-011452

P-01-002192

METADATA SHEET

OHP HPD PROGRAM REFERENCE # DOE-01-98-0058-000

This resource was recorded as part of a Historic Resource Inventory survey funded by the Office of Historic Preservation. The record had been filed in the NWIC's HPD HRI files. Recently, the resource was recorded again and assigned a Primary Number. Therefore, the HPD HRI file-records for this resource have been moved to the Primary Files. Please see the following Primary Number:

P-01-002192

Date: 23 May 2013

NWIC Staff: Sandra Graham

P-01-002192

OFFICE OF HISTORIC PRESERVATION * * * Directory of Properties in the Historic Property Data File for ALAMEDA County. Page 73 04-05-12

PROPERTY-NUMBER	PRIMARY-#	STREET.ADDRESS.....	NAMES.....	CITY.NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
							ST.PT.INT.	01-0018	11/12/92	7L	
							HIST.RES.	SPHI-ALA-037	11/12/92	7L	
118904	01-010207		ALAMEDA CREEK BRIDGE, BRIDGE #33-0	CENTERVILLE	S	1948	HIST.RES.	DOE-01-98-0056-0000	12/03/98	2S2	C
							PROJ.REVW.	FHWA980806A	12/03/98	2S2	C
118905	01-010208		NILES CANYON SEGMENT, WESTERN PACI	CENTERVILLE	P	1910	HIST.RES.	DOE-01-98-0057-0000	12/03/98	2S2	A
							PROJ.REVW.	FHWA980806A	12/03/98	2S2	A
118906	(01-010209-voided)	01-002192	SPRING VALLEY WATER CO'S SUNOL AQU	CENTERVILLE	M	1900	HIST.RES.	DOE-01-98-0058-0000	12/03/98	2S2	A
							PROJ.REVW.	FHWA980806A	12/03/98	2S2	A
123703	01-010333		ENTRANCE SIGN - CAMP PARKS	DUBLIN	U	1944	HIST.RES.	DOE-01-99-0074-0000	10/26/99	6Y	
							PROJ.REVW.	COE990927D	10/26/99	6Y	
138220			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F	1954	HIST.RES.	DOE-01-02-0124-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138219			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F	1952	HIST.RES.	DOE-01-02-0123-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138218			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F	1997	HIST.RES.	DOE-01-02-0122-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138217			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F	1980	HIST.RES.	DOE-01-02-0121-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138216			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F	1952	HIST.RES.	DOE-01-02-0120-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138215			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F	1952	HIST.RES.	DOE-01-02-0119-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138214			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F	1952	HIST.RES.	DOE-01-02-0118-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138213			U.S. IMMIGRATION AND NATURALIZATIO	DUBLIN	F	1952	HIST.RES.	DOE-01-02-0117-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138158			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F		HIST.RES.	DOE-01-02-0116-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138157			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F		HIST.RES.	DOE-01-02-0115-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138156			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F		HIST.RES.	DOE-01-02-0114-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138155			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F		HIST.RES.	DOE-01-02-0113-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138154			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F		HIST.RES.	DOE-01-02-0112-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138153			PARKS RESERVE FORCES TRAINING CENT	DUBLIN	F		HIST.RES.	DOE-01-02-0111-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138152			PARKS RESERVE FORCESE TRAINING ARE	DUBLIN	F		HIST.RES.	DOE-01-02-0110-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138151			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F		HIST.RES.	DOE-01-02-0109-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138150			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F		HIST.RES.	DOE-01-02-0108-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138149			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F		HIST.RES.	DOE-01-02-0107-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138148			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F		HIST.RES.	DOE-01-02-0106-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138426			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F	1951	HIST.RES.	DOE-01-02-0240-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138222			PARKS FORCES RESERVE TRAINING AREA	DUBLIN	F	1952	HIST.RES.	DOE-01-02-0126-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	
138425			PARKS RESERVE FORCES TRAINING AREA	DUBLIN	F	1951	HIST.RES.	DOE-01-02-0239-0000	05/29/02	6Y	
							PROJ.REVW.	USA020415A	05/29/02	6Y	

C

State of California -- The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # P-01-002192
HRI #
Trinomial CA-ALA-583 H
NRHP Status Code 3
Other Listings
Review Code _____ Reviewer _____ Date _____

Page 1 of 25 *Resource Name or #: (Assigned by recorder) Sunol Aqueduct

P1. Other Identifier: Sunol Aqueduct of Spring Valley Water Company's Alameda Creek System
*P2. Location: __ Not for Publication __ Unrestricted *a. County Alameda
and (P2b and P2c or P2d. Attach a Location Map as necessary.) (T4S;R1W/R1E)
*b. USGS 7.5' Quad Niles (#4463) Date 1961/ rev. 1980 T _; R _; _ 1/4 of _ 1/4 of Sec. _; _ B. M.
c. Address N/A City Zip
d. UTM: (Give more than one for large and/or linear resources) Zone _____; (591900) mE/ 4159780) mN
e. Other Location Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate) (597080mE/4161180mN)
(595080mE/4161560mN) (593730mE/4161590mN)

Aqueduct is located on the south side of Alameda Creek, in Niles Canyon, from Sunol Dam west of the town of Sunol to Niles Reservoir east of the Niles District in Fremont.

*P3a. Description (Describe the resource and its major elements. Include design, materials, condition, alterations, size, setting & boundaries):

The Sunol Aqueduct (also called the Niles Canyon Aqueduct) is a 4.9-mile long water conveyance device which parallels Alameda Creek in Niles Canyon between the communities of Sunol and the Niles District of Fremont in southern Alameda County. It is one part of a larger whole, the Alameda Creek System developed by Spring Valley Water Company which is now part of the Hetch Hetchy System administered by the Water Supply Division of the San Francisco Public Utilities Commission. This linear resource evaluation will focus on the Sunol Aqueduct in Niles Canyon, and will give general information on closely-related components of the Alameda Creek System which lie outside Niles Canyon. A complete evaluation of the system in the San Francisco Bay area using a district evaluation is recommended before the San Francisco Public Utilities Commission undertakes the planned changes to this part of the system.

(continued on page 4 of 25)

*P3b. Resource Attributes: (List attributes and codes) HP20
*P4. Resources present: __ Building __ Structure X Object __ Site __ District __ Element of District __ Other



P5b. Description of Photo: (View, Date, etc.)
looking southwest, June 1998

*P6. Date Constructed/ Age & Sources: X Historic __ Prehistoric __ Both
1898-1900, 1923.

*P7. Owner and Address:
San Francisco Public Utilities Commission
Water Supply & Treatment Division
1000 El Camino Real, P.O. Box 730
Millbrae, CA 94030

*P8. Recorded by: (Name, affiliation, and address) Elizabeth Krase, Caltrans District 4 - Environmental Planning So., P.O. Box 23660, Oakland CA 94623-0660

*P9. Date Recorded: June1998

*P10. Survey Type: (Describe)
intensive

*P11. Report Citation (Cite survey report and other sources, or enter "none"): Historic Property Survey Report for the Seismic Retrofit of Alameda Creek Bridge and Overhead, Alameda County, 04-ALA-84, PM 14.32, EA 14670K (July 1998)

*Attachments: __ NONE X Location Map __ Sketch Map X Continuation Sheet X Building, Structure & Object Record
__ Archaeological Record __ District Record X Linear Feature Record __ Milling Station Record __ Rock Art Record
__ Artifact Record __ Photograph Record __ Other (List)

a.

State of California -- The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-01-002192
HRI #
Trinomial CA-ALA-583

Page 2 of 25 **Resource Name or #:** (Assigned by recorder) Sunol Aqueduct

L1. **Historic and/or Common Name:** Sunol Aqueduct of Spring Valley Water Company's Alameda Creek System

L2a. **Portion Described:** __ Entire Resource X Segment __ Point Observation **Designation:** Sunol Aqueduct

b. **Location of point or segment:** (Provide UTM coordinates, legal description, and any other useful location data. Show the area that has been field inspected on a Location Map.)

UTM end points: Niles Reservoir: Easting 591860, Northing 4159800; Sunol Dam: Easting 597030, Northing 4161210.

L3. **Description:** (Describe construction details, materials, and artifacts found at this segment/point. Provide plans/sections as appropriate.)

The aqueduct structure was built in four sections of varying length, interspersed between five sections of concrete-lined tunnel cut into hillsides. The reinforced concrete aqueduct is rectangular in section, approximately 6.5' square in exterior dimensions, and rests on an excavated bench along the south side of Niles Canyon; at some locations the structure is almost buried, with only the top surface visible. For more information please refer to the Primary Record Form and continuation sheets.

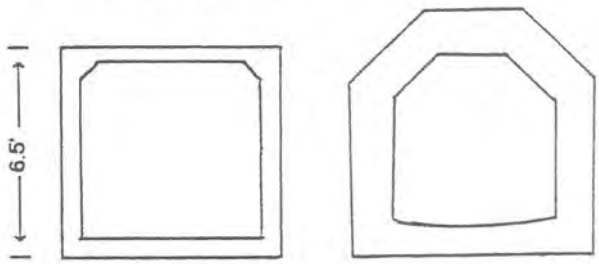
Within the current project's Area of Potential Effects the conduit is partially buried beneath fill at the south side of the Alameda Creek Bridge which carries State Route 84 (Bridge # 33-0039 at postmile 14.32/KP23.05).

L4. **Dimensions:** (In feet for historic features and meters for prehistoric features)

Facing: N/A

a. Top Width 6.5' (est.)
b. Bottom Width 6.5' (est.)
c. Height or Depth 6.5' (est.)
d. Length of Segment 4.9 miles

L4e. **Sketch of Cross-Sections** (include scale)

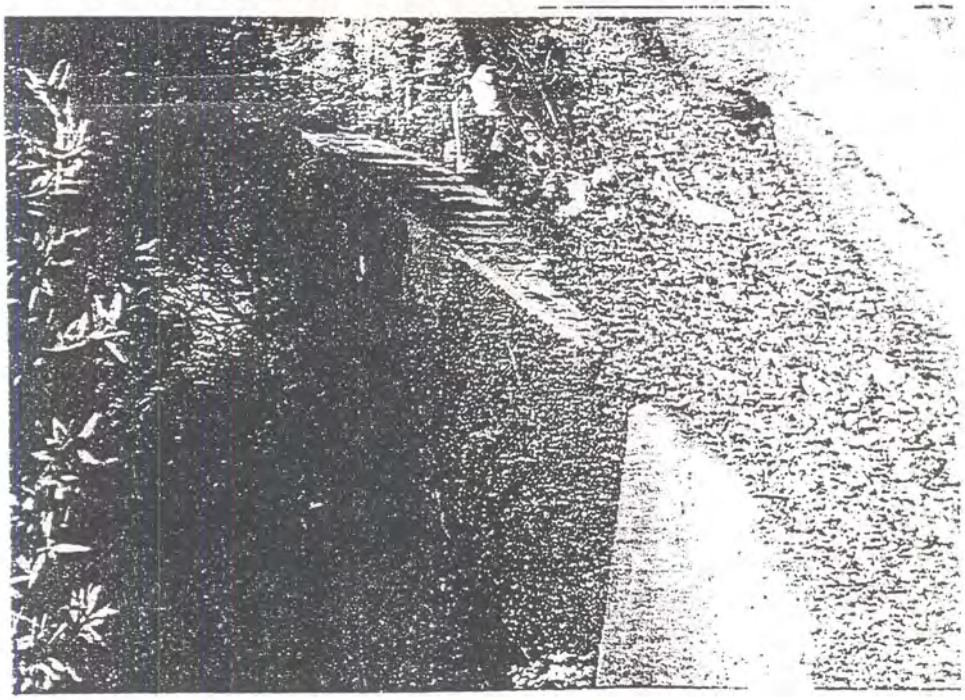


Typical box flume Typical tunnel

L5. **Associated Resources:**
Please refer to the Primary Record Form and continuation sheets.

L6. **Setting:** (Describe natural features, landscape characteristics, slope, etc., as appropriate.)
Setting is heavily wooded and twisting Niles Canyon, cut through by Alameda Creek.

L7. **Integrity Considerations:**
Integrity of the Sunol Aqueduct is very high (less than 1% has been altered). For detailed information, please refer to the Building, Structure, and Object form and continuation sheets.



L8b. **Description of Photo, Map, or Drawing** (View, scale, etc.)
Looking southwest. View shows partial burial by fill at edge of state highway.

L9. **Remarks:**

L10. **Form Prepared by:** (Name, affiliation, and address)
Elizabeth Krase, Caltrans District 4
Environmental Planning South,
P.O. Box 23660, Oakland CA 94623-0660

L11. **Date:** June 1998

a.

State of California -- The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary # P-01-002192
HRI #

BUILDING, STRUCTURE AND OBJECT RECORD

CA-ALA-583

Page 3 of 25

*NRHP Status Code 3

*Resource Name or # (Assigned by recorder) Sunol Aqueduct

B1. Historic Name: Sunol Aqueduct of Spring Valley Water Company's Alameda Creek System
B2. Common Name: (also known as Niles Canyon Aqueduct)
B3. Original Use: water conveyance B4. Present Use: same
*B5. Architectural Style: N/A
*B6. Construction History: (Construction date, alterations, and date of alterations)

First constructed 1898-1900; wood flumes replaced with concrete box flumes in 1923. A small concrete structure was erected c. 1965 on top of the aqueduct structure approximately 1 1/4 miles west of Sunol Dam to permit chlorination of water.

*B7. Moved? X No __ Yes __ Unknown Date: _____ Original Location: _____
*B8. Related Features:

The Sunol Aqueduct is one segment of an extremely extensive system; please refer to Primary Form for more information.

B9a. Architect: Spring Valley Water Company (company engineers) b. Builder: N/A
*B10. Significance: Theme: Urban water supply Area San Francisco Bay area / northern California
Period(s) of Significance 1887-1930 (entire Alameda Creek System); 1900-1930 (this segment of system)
Property Type aqueduct Applicable Criteria A, potentially C
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

Spring Valley Water Company's Alameda Creek System is eligible for the National Register of Historic Places and for the California Register of Historical Resources, with Sunol Aqueduct as a contributing component of the system. This evaluation will establish the significance of the Alameda Creek System as a whole, but only the Sunol Aqueduct segment of the system will be evaluated for its integrity. The system is significant on the local and regional levels under Criterion A for its association with the history of urban water supply in northern California. Among water projects for California cities, Spring Valley Water Company's Alameda Creek System stands out as an early project which for its time went an extraordinary geographical distance from its customer base to obtain a water supply. In addition, the Alameda Creek System is an unusually late example of a private water company providing services for a municipality (characteristic of the nineteenth century), in contrast to the trend toward governmental ownership of public utilities during the twentieth century. A larger context of San Francisco's water supply history will be given so that this segment of the entire system can be sufficiently evaluated. This context treats the major events and issues in San Francisco's quest for a water supply, but a complete analysis of all the elements of San Francisco's water system is beyond the scope of the current project.

(continued on page 5 of 25)

B11. Additional Resource Attributes: (List attributes and codes) (related resources: HP9, HP11, HP21, HP22, HP32, AH2, AH6)
*B12. References:
Please refer to continuation sheets.

B13. Remarks:

*B14. Evaluator: Elizabeth Krase, Caltrans District 4
Oakland, CA
*Date of Evaluation: June 1998

(This space reserved for official comments.)

(Sketch Map, with north arrow required)

(Please refer to Location Map sheet.)

a

P3a. Description (continued from Primary Record Form)

The visible aqueduct structure was built in four sections of varying length, interspersed between five sections of concrete-lined tunnel cut into hillsides. The reinforced concrete aqueduct is rectangular in section, approximately 6.5' square in exterior dimensions, and rests on an excavated bench along the south side of twisting Niles Canyon; at some locations the aqueduct is almost buried, with only the top surface visible. There are two elevated sections of aqueduct above gullies or uneven topography; one is a high, open-spandrel concrete arch bridge supporting the aqueduct, spanning 88 feet; the other is a 500-foot long section carried on concrete trestle. The diversion, or beginning, point of the aqueduct is Sunol Dam west of Sunol, where waters from Alameda Creek and other sources are collected in buried filtration galleries and collect behind Sunol Dam before entering the aqueduct. The aqueduct's end point is five miles west at Niles Reservoir, a rectangular earthen reservoir lined with concrete, having a five million gallon capacity. To the west of Niles Reservoir, large-diameter pipes convey the water to the east shore of San Francisco Bay, under the bay, and up the San Francisco peninsula to Crystal Springs Reservoir, from which additional pipelines carry water to San Francisco.

The Sunol Aqueduct of the Alameda Creek System preceded the development of the Hetch Hetchy Aqueduct (San Francisco Water and Power System), but eventually became part of the Hetch Hetchy system. The Hetch Hetchy System ultimately has aqueducts, reservoirs, or related facilities in the following counties: San Francisco, San Mateo, Santa Clara, Alameda, San Joaquin, Stanislaus, and Tuolumne. Evaluation of the entire system is beyond the scope of this project.

Associated Resources

In addition to the Sunol Aqueduct (but beyond the scope of this evaluation), the main surviving components of the Alameda Creek System developed by Spring Valley Water Company include: Sunol Dam, Sunol Water Temple, Sunol Valley Filter Beds, artesian wells, pumps and pipelines in Pleasanton (1898-1903); and the Calaveras (1914-1925) and San Antonio (1965) reservoirs. Additional components are the complex of caretakers' houses, offices, barns, maintenance buildings, and landscaped grounds at the company's Alameda County headquarters in Sunol, as well as small maintenance sheds scattered throughout the system. The ruins of Vallejo's Mills (Archaeological site # CA-ALA-548/H) dating from 1841 and 1856, the remnants of Vallejo's aqueduct on the north side of Alameda Creek (originally constructed 1841 and/or 1856, reconstructed 1887-1888), and Niles Dam (1841-1856; reconstructed 1887-1888) all predate the period of significance of the resource under consideration. Other associated resources in Alameda County which predate the Sunol Aqueduct (but which have not been observed by this author) may include: mostly buried pipelines from Niles via Centerville to Dumbarton Point on the east shore of San Francisco Bay (1887-1888); and two pair of submarine pipelines under San Francisco Bay (Bay Division Pipelines 1 & 2, 1888, 1902).

Other resources well beyond the Alameda Creek System include O'Shaughnessy Dam/Hetch Hetchy Reservoir and other Sierra reservoirs and watershed; many hydroelectric powerhouses and transmission lines; the Hetch Hetchy Aqueduct and tunnels through the Coast Range; pipelines from Niles to Irvington (both districts are now part of Fremont), the Irvington Substation; Bay Division Pipelines Nos. 3 & 4 via Milpitas and Sunnyvale to Crystal Springs Reservoir; five reservoirs in San Mateo County on the San Francisco peninsula; 13 additional reservoirs within the city of San Francisco, as well as the water transmission system within the city.

B10. **Significance** (continued from Building, Structure and Object Record)

Historical Context: To Quench San Francisco's Thirst

The location of San Francisco on a sandy peninsula surrounded on three sides by salt water and without substantial natural fresh water supplies meant that early on in its history, city dwellers had to confront the problem of water supply. During the Gold Rush period, water was sold by the barrel by various entrepreneurs who carted water across the Golden Gate from Marin County. Several competing private companies were franchised by the city government to supply water from various sources in and around San Francisco. This was the beginning of a trend which became common in California and throughout the West, as cities had to reach out increasingly farther away to secure a water supply for municipal use.

Spring Valley Water Works was chartered in 1858 and soon took over some of its competitors, eventually becoming the only private company franchised to supply the city with water. Spring Valley Water Works (later Spring Valley Water Company, hereafter abbreviated as SVWC) gradually gained complete control of nearly all of the water sources in the city, as well as available water sources and watersheds on the Peninsula. In 1861-1862 SVWC developed its first reservoir in San Mateo County, bringing water to the city via tunnel and flume from beyond the county line.

Already by the mid-1860s there was a growing concern that the city would outgrow its peninsula water supply. Construction of a second reservoir south of city limits began in 1868; other dams and conduits in the city and on the peninsula were constructed in ensuing years, including Crystal Springs Dam (1888, raised 1891 and 1911) in San Mateo County. Swiss-trained Hermann Schussler, Chief Engineer of SVWC from 1866 to 1908, designed the unique concrete construction of Crystal Springs Dam which survived both the 1906 and 1989 earthquakes. This concept of using inter-basin water transfers was introduced in California in the 1870s-1880s.

The increasing population of San Francisco by the 1870s and the consequent demand for water impelled SVWC and city leaders to look even farther afield for future water supplies, based on the dominant belief that progress and city growth went hand-in-hand. Concerns were voiced about the city's reliance on a single private company to deliver water, and about the water company's inadequate supply, poor service, and high rates. In 1874 San Francisco received approval from the state legislature to create a municipal water system. The newly-constituted San Francisco Water Commission investigated several potential sources, including the Sierra Nevada, 160 miles away, and Alameda Creek in southern Alameda County, over 30 miles away across San Francisco Bay. The city was unable to act as quickly as SVWC, which purchased the lands and water rights to Alameda Creek and its tributaries beginning in 1875.

Over the next 50 years there were many attempts to buy SVWC and make it a municipal utility, but voters consistently defeated these measures due to the exorbitant price, in spite of nearly constant squabbles over water rates. In the meantime, the City of San Francisco further pursued the possibility of a water supply from the Sierras, a project beyond the capacity of a private company to finance. In 1900, a new San Francisco charter mandated the public ownership of utilities. With a municipal water system now a legal requirement, the problem persisted of how to acquire SVWC, whether by negotiated sale or by condemnation and purchase.

Unable to agree on a price for the SVWC, and concerned that all of SVWC's potential supply still would not meet future needs of the city, the city looked toward the Sierras. By 1900-1901 under Mayor Phelan, fourteen possible sources of water were studied by City Engineer Carl Grunsky, which resulted in the decision that the Tuolumne River system, later called Hetch Hetchy, was the answer to a municipal water supply. Approval by the Secretary of the Interior to fill Hetch Hetchy Valley, located in Yosemite National Park, was first sought by San Francisco in 1902 and denied. A federal permit was finally issued in 1908 following the 1906 Earthquake and subsequent fire and a change in city administration. Over objections of early environmentalists, including John Muir, the Raker Act was signed by President Woodrow Wilson in 1913. The Raker Act enabled the construction of Hetch Hetchy Reservoir and aqueduct, and reflected the Progressive values of the time in its concern for providing an ample supply of clean water for citizens and to promote urban development.

B10. **Significance** (continued)

Under the direction of City Engineer Michael O'Shaughnessy, construction of San Francisco's Hetch Hetchy System began in 1914. The dam at Hetch Hetchy Reservoir, named for its engineer, was completed in 1923 and raised in height in 1938. A large system of hydroelectric powerhouses, transmission lines, tunnels and pipelines to convey water through the Sierra mountains, foothills, across the San Joaquin Valley and through the Coast Range was constructed from 1914 to 1934. In 1934 the first Sierra water was delivered to San Francisco.

The Raker Act of 1914 stipulated that the city could not sell or give away any of its water or hydroelectric power to a private firm. Since Spring Valley Water Company still owned San Francisco's reservoirs and water distribution system in the bay area, it appeared that the effective solution would be for the city to purchase SVWC. Meanwhile, continuing disputes over water rates led to a 1921 agreement negotiated by the State Railroad Commission between the city and SVWC: the agreement allowed rate hikes in return for SVWC's promise to develop its Alameda County properties to their full potential, and to cooperate in the planning of the city's Hetch Hetchy project. SVWC was directed to finish Calaveras Reservoir and to build other structures in order to nearly double the supply of water from its Alameda Division (an increase of 24 million gallons per day). The improvements undertaken in Niles Canyon can be seen as the private company's last efforts to prove its efficiency— perhaps with a hope of retaining its monopoly over local supply— as evidenced by the company's public relations efforts conducted between 1922 and 1930 in the publication of a company magazine, *San Francisco Water.*

The sale of SVWC to the city took years to occur because voters kept turning down bond issues due to the water company's high price. Not until 1928 did voters give their assent to a purchase plan. The purchase of the private firm finally took place in 1930, when San Francisco Water Department, under the direction of the city's Public Utilities Commission, took over all of the company's holdings.

Historical Context: Comparison with Other Water Systems in California

It appears that in northern California, no other major city or private water company reached as far away to obtain a water supply so early on, or built a conveyance system on such a large scale. Most cities drew on available local supplies, but eventually reached a point at which additional water had to be acquired from a greater distance. San Francisco had the largest population of any city in the state until 1920. Because of this early population growth, San Francisco and SVWC had to confront the problems of bringing water over a significant distance— and crossing a major obstacle, San Francisco Bay— early in its history. The only comparable system, in terms of date and scope, would be the San Diego Flume Company's 1889 Cuyamaca Dam and 35-mile system of tunnels and wood flume on trestle to bring water to San Diego, which had less than a fifth of San Francisco's population at the time. (The remaining elements were found to be ineligible for the National Register in 1981 because only the dam and a few tunnels survive, in much-altered form.) The Owens Valley-Los Angeles Aqueduct conveyed Sierra waters 250 miles to Los Angeles, but its construction (1908-1913) began twenty years after SVWC's first delivery of water from Alameda Creek to San Francisco. Other cities in the San Francisco Bay area had smaller populations and relied on local supplies for many years. Not until the 1923 did a coalition of East Bay cities form the East Bay Municipal Utility District which took over the private water companies that had served the region. A system to bring Sierra waters to the East Bay cities was constructed in 1925-1929.

Early Uses of Alameda Creek in Niles Canyon

The Sunol Aqueduct, the subject of this evaluation, is not the first water conveyance device to utilize the waters of Alameda Creek. In 1841 José de Jesús Vallejo constructed a flour mill at mouth of Niles Canyon, powered by water from Alameda Creek. Vallejo, who was the brother of General Mariano Guadalupe Vallejo, was granted the Rancho Arroyo de la Alameda at the mouth of Niles Canyon the following year. In 1856, Vallejo built a second mill in the same area; neither mill has survived but archaeological excavations have been carried out which have identified the foundations (archaeological site #CA-ALA-548/H is now Vallejo Mill Historical Park, administered by the city of Fremont). Vallejo constructed a dam of locally-quarried stone upstream from his mill (according to local tradition, Niles Dam is the site of Vallejo's dam) and an aqueduct along the north side of Alameda Creek which carried water to the mill. Sources disagree as to whether Vallejo's aqueduct was built in 1841 or 1856, or whether simply a second flume was added in 1856. Examination and comparison of a number of sources suggests that the aqueduct was of two types of construction: a stone-lined aqueduct which ran for approximately 2500 feet from Niles Dam to a point just east of the Southern Pacific Railroad Rosewarnes bridge over Alameda Creek at Dresser, and from Dresser to the mill there was a wood flume. (To locate the surviving features along Alameda Creek, please refer to the location map following the continuation sheets of this form.)

B10. **Significance** (continued)

Vallejo's mill was an important industry— and almost the only industry— in southern Alameda County for the time, and was a successful enterprise as long as wheat was the primary crop in the area; by the 1880s a shift to fruit production was well underway. A settlement grew up around the mill during the 1850s and 1860s. The town of Vallejo's Mills was eclipsed by the nearby town of Niles founded by the Central Pacific Railroad in 1877, a few years after the transcontinental railroad was constructed through Niles Canyon in 1865-1869.

During the early 1870s a group of local farmers in Washington Township, nervous about the rumors of attention to Alameda Creek water shown by San Francisco interests, banded together to form Washington and Murray Township Water Company (incorporated 1871), and began work on an irrigation ditch from the mouth of Niles Canyon to Centerville in 1874. In 1873 a landowner in Sunol Valley, Charles Hadsell, announced his intention to condemn waters of Alameda and Calaveras Creeks; Hadsell was one of five investors in the newly-incorporated Alameda Water Company. Newspapers of the time reported that the stated intent of the Alameda Water Company was to supply San Francisco, Oakland, and other cities and towns with water. It appears that Alameda Water Company had acquired a controlling interest in Washington and Murray Township Water Company in 1874 and also had acquired Vallejo's Mills at the mouth of Niles Canyon and renovated it.

The Spring Valley Water Company Era Begins in Niles Canyon

In 1875, Spring Valley Water Works of San Francisco purchased for one million dollars 1,915 acres in Sunol and Calaveras valleys, water rights to Alameda Creek, plus Vallejo's Mills in Niles from Alameda Water Company. At the time the transaction was said to be one of the largest ever recorded at the Alameda County Recorder's Office. In subsequent years SVWC continued to purchase additional riparian rights and watershed lands downstream and upstream along Alameda and Calaveras creeks near the county line separating Alameda and Santa Clara counties, where Calaveras and San Antonio reservoirs would be built in the future.

SVWC closed Vallejo's Mills in 1884, but had other plans for the waters of Alameda Creek. When the water company's plan to convey the waters to San Francisco became known, area farmers protested. The farmers, who depended on the waters of the creek for their orchards, contended that the soil would become too dry for farming and that salt water from the bay would intrude into the water table if SVWC siphoned off the creek. According to a November 1887 article in the *San Francisco Examiner*, there was objection in the East Bay to "the invasion of Alameda County by a foreign water company;" Spring Valley was even called "the great water monopolist of Alameda County." Niles area landowners, township officials, and even the mayor of Oakland voiced concerns that the waters of Alameda Creek ought to be reserved for the use of the cities and towns of Alameda County, and that San Francisco should go to the Sierras for water. Newspapers reported that wells at Niles, which had been fed by underground waters of Alameda Creek, began to go dry in the late summer of 1888, not long after SVWC began to pipe water across the bay. At least one lawsuit was brought against SVWC, but Spring Valley's riparian rights evidently were upheld. Spring Valley sold some water to customers in the immediate area, or exchanged water for the riparian rights of creekside landowners, but most of the water was bound for San Francisco. The Alameda County Board of Supervisors granted SVWC the right of way for its pipes, allowing Spring Valley's construction project to begin.

According to company records, SVWC constructed Niles Dam in 1887-1888; it appears that SVWC more likely re-constructed the stone dam built by Vallejo by capping it with concrete and adding a fish ladder. The dam still exists, located 1.8 miles east of Mission Boulevard (it should not be confused with another submerged dam or weir across Alameda Creek, constructed in 1923 by the U. S. Geological Survey as a stream gauging station, located one mile east of Mission Boulevard).

In 1887-1888 SVWC also rebuilt or repaired Vallejo's stone-lined aqueduct. According to an 1891 article in the *Oakland Enquirer*, "so good was the workmanship of the stone aqueduct, that the company merely roofed it over with brick and used it as a portion of their underground waterway to the city." Covering the aqueduct also increased its capacity to as much as 7 million gallons per day. In a 1910 inventory of company property, Vallejo's aqueduct was described as follows: "Stone aqueduct, three (3) feet six (6) inches by three (3) feet, brick lined and arched over by brick

B10. **Significance** (continued)

arch, with manholes; two thousand seven hundred (2,700) feet long." Several sections of the stone and brick aqueduct have been found for the present study; it now has a thin layer of concrete over the brick, probably added when the aqueduct temporarily was put into service again in 1923. The aqueduct measures approximately 4.5' in exterior diameter. It lies within state highway right of way on the north side of the highway, at the edge of paved road. Located about 1.4 miles east of Mission Boulevard, the longest visible section is roughly 60 feet long; other remnants are obscured by accumulated soil and brush. Portions of the conduit are missing due to landslides and resultant road clean-up.

Vallejo's redwood flume (3131' long) was reconstructed by SVWC also in 1887-1888, this time leading not to Vallejo's Mills, but to SVWC's first transbay pipeline. (Please refer to the system maps on continuation sheets.) A 36"-diameter wrought iron pipeline beginning above the town of Niles carried water from the aqueduct to the shore of San Francisco Bay; a buried pipeline was constructed from Niles to the bay via Centerville and Newark. Near the bay the pipeline was carried above the marsh by a wood trestle 16,000' long to Dumbarton Point. The obstacle of San Francisco Bay was dealt with by two 16" submarine pipes designed with ball joints which were laid at the bottom of that narrow point of the bay (6400') from Dumbarton Point to Ravenswood on the western bay shore. At Ravenswood the two pipes became one again, and were routed to Crystal Springs Reservoir. The aqueduct and 28.5-mile pipeline could furnish approximately 8 to 10 million gallons per day, depending on the seasonal flow of Alameda Creek.

Further Development of Alameda Creek System, 1898-1903

Spring Valley Water Company began a major new phase of development of its Alameda County properties in 1898-1900, which had been urged by Chief Engineer Schussler since 1865. In Sunol Valley Schussler had noted the existence of underground gravel beds through which flowed the waters of upper Alameda Creek. Schussler designed a system of subterranean filter galleries buried in the aquifer, essentially reinforced concrete tunnels with perforated sides to collect water flowing through the gravel beds. Also collected was water flowing from Arroyo de la Laguna Creek from the north.

Sunol Dam was constructed on Alameda Creek about three-quarters mile west of the town of Sunol at a place called Silver Springs to cause the waters to back up into and saturate the gravel beds and enter the filter galleries. The filter galleries lead below ground to Sunol Dam. Mostly submerged, Sunol Dam is 187' long and 28' high, of concrete construction with a fish ladder on the north side and a concrete bulkhead at the south side, at which point Tunnel No. 1 of Sunol Aqueduct begins.

The new Sunol Aqueduct followed an entirely new alignment from the old route of Vallejo's aqueduct on the north side of Niles Canyon. By diverting the creek farther upstream at Sunol, the head, or force of water flow, was increased. The new Sunol Dam was at an elevation 75' higher than Niles Dam farther downstream where the pipeline had originally begun. The higher upstream separation of San Francisco's water supply from the waters of Alameda Creek was also done to improve the sanitation of the water supply, because scenic Niles Canyon had become a popular picnic and camping destination by the 1880s. (Already in 1892 SVWC had threatened to have campers and picnickers arrested for larceny if they were caught using the waters of the creek in Niles Canyon and Sunol Glen, apparently due to concern over water quality.)

The new aqueduct was constructed on a ledge or bench excavated from the hillside south of and above the bed of Alameda Creek. Having a total length of 25,900 feet from Sunol to Niles, the 1900 aqueduct combined two types of construction: four sections of redwood flume (with a capacity of 21 million gallons per day, totaling 11,300' in length) interspersed with five sections of concrete-lined tunnel (capacity 70 million gallons per day, total length 25,900'). The tunnel cut through the hillside to shorten the distance along the twisting canyon. The tunnel's average interior dimensions are 5'6" high by 5' wide, with walls, bottom and sides about 14" thick; in section the tunnel is box-shaped with a three-part segmented top.

SVWC constructed a second pair of transbay submarine pipelines, 22" in diameter in 1902. This project doubled the capacity of the Alameda Creek System to 16 million gallons per day. Capacity of the lines on the peninsula side was increased in 1903. In a related expansion of the Alameda Creek System, the "Pleasanton Well Fields" containing over 100 artesian wells in Pleasanton, five miles north of Sunol in the Livermore Valley, were developed in 1903 with appurtenances to send the water down Arroyo de la Laguna Creek to the Sunol Filter beds.

B10. **Significance** (continued)

The earthquake of 1906 caused little direct damage to the Alameda Creek System of SVWC. Additional concern developed over San Francisco's water supply as a result of the failure of water delivery in San Francisco during the emergency. This gradually set into motion events which would lead to the expansion of the water system, and its eventual takeover by the City of San Francisco.

In 1910, Spring Valley Water Company constructed the Sunol Water Temple to commemorate the joining of the waters of Alameda and Calaveras creeks with artesian waters from the Pleasanton Well Field, at the time an important engineering feat. The temple is attributed to San Francisco architect Willis Polk, west coast designer for the office of D. H. Burnham of Chicago; Polk designed a number of properties for SVWC. The Water Temple's classical design is based on the ancient Roman Temple of Vesta at Tivoli near Rome.

Enlargement of the Sunol Aqueduct, 1922-1923

Following the 1921 negotiated agreement with the City of San Francisco, the water company planned to increase the capacity of Sunol Aqueduct to convey water from Calaveras Reservoir (to be completed in 1925). This project was under the direction of George A. Elliott, SVWC's Chief Engineer from 1914 to 1930. The redwood flume sections of the Sunol Aqueduct as constructed in 1900 only had a capacity of 21 million gallons per day; this was less than half of the capacity of the concrete-lined tunnels built in 1900. The 1923 improvements were to bring the flume sections up to 70 million gallons per day, equivalent to the concrete-lined tunnels. When constructed in 1900, redwood flumes were a relatively inexpensive type of conduit, but wood flumes rot and must be replaced every 15 to 25 years. The 1923 work can be seen as replacement of the original structure with a view toward greater permanence, as well as to utilize the maximum capacity of the aqueduct.

Comprised of four long box (covered) flumes of reinforced concrete, the new construction was joined to the concrete-lined tunnels of 1900. Interior dimensions of the 1923 box flume sections of the aqueduct are 5' x 6' with walls and bottom 6" thick and top 4" thick. The four concrete box flume sections appear to follow the same alignment as the 1900 flumes, but in two locations new elevated structures were designed to span depressed topographical contours. A concrete arch bridge with open spandrels carrying the concrete box flume has an 88' span over a 70' deep, 100' wide gully, and was designed by Edward A. Nickel of SVWC Engineering Dept. Also designed by Nickel as part of the 1923 project is a reinforced concrete trestle, 500' long by 20' deep.

SVWC took advantage of the parallel Western Pacific Railroad (constructed through Niles Canyon 1908-1910) and had two spur tracks set up to bring materials to the construction sites. Construction began 1 April 1923 and progressed rapidly: at one point 900 feet of aqueduct were completed every week; the aqueduct was completed 15 September 1923.

During construction the old Vallejo conduit was temporarily put into service again to bring water to the transbay pipeline at Niles. Concern about water contamination compelled SVWC to fence off Alameda Creek to prevent public use during the summer of 1923, and SVWC installed a temporary chlorination plant at Niles.

In 1923, SVWC also constructed Niles Reservoir above Niles at the junction of the Sunol Aqueduct and the transbay pipeline to regulate the flow of water between them. The structure is an earthen reservoir with concrete lining. Interior concrete columns support a nearly flat gable wooden roof approximately 180' by 320' in overall footprint; capacity is 5 million gallons.

Upgrading of the water conveyance system from the East Bay to the San Francisco peninsula was undertaken in 1924. A new 48" pipeline (Pipeline No. 1) was installed (buried) from Niles Reservoir along a new route, paralleling the Western Pacific Railroad south to Irvington to join the 60" Hetch Hetchy pipelines then under construction by the San Francisco Water Department.

Construction of Calaveras Reservoir began in 1914 but was not completed until 1925 due to a failure of the dam during construction in 1918. Calaveras was the highest earth-fill dam in the world when completed, and holds 31.56 billion gallons with a 139-square mile watershed. The dam features a rock-faced, arched dam surface and an outlet tower with a

B10. **Significance** (continued)

classical architectural treatment reminiscent of Sunol Water Temple. Calaveras was the first significant East Bay addition to San Francisco's local water storage system, and the last major development under private ownership. Calaveras provided roughly twice the storage capacity of Spring Valley's reservoirs on the Peninsula.

Alterations to the Present

Few alterations to the Sunol Aqueduct have been made since it was upgraded in 1923 to its full capacity and current appearance. In terms of physical changes, a small concrete structure was erected c. 1965 on top of the aqueduct structure approximately 1 1/4 miles west of Sunol Dam to permit chlorination of water. Maintenance and repair of the aqueduct and patching occasional leaks is undertaken by San Francisco Water Department, although keeping the aqueduct clear of overgrowth has declined in recent years. At a few locations the aqueduct has become obscured and nearly buried under road fill, including when the Division of Highways (now Caltrans) constructed a new bridge over Alameda Creek at Brightside in 1946-1948.

The primary change to the aqueduct occurred in 1934, when water from Calaveras and San Antonio reservoirs and Alameda Creek watershed was re-routed to San Francisco through the Hetch Hetchy pipelines, thereby bypassing Niles Canyon and the Sunol Aqueduct. The Coast Range Tunnel of the Hetch Hetchy System goes under the East Bay hills to Irvington; the huge Hetch Hetchy pipelines meet the bay at Dumbarton Point at the same location where SVWC's original pipeline of 1887-1888 once did. Since 1934, when the Hetch Hetchy pipelines were completed, the Sunol Aqueduct has been used mainly for local water customers in Niles Canyon. At present, San Francisco Water Department plans to phase out this local service, and has begun a replacement project of well drilling for its few Niles Canyon customers. Primarily due to liability concerns, plans are under way to sell the Sunol Aqueduct and the land owned by San Francisco Water Department in Niles Canyon.

Major alterations to the original Alameda Creek System but not directly related to the Sunol Aqueduct include the following. Since 1949 no water has been diverted from the Pleasanton well fields in the Livermore Valley due to a low water table. The Pleasanton pumping plant structure, designed by Willis Polk, was demolished at an unknown date. The roof of Sunol Water Temple has been removed due to safety concerns, and stored. A tunnel from upper Alameda Creek to Calaveras Reservoir was completed in 1931 to increase capacity, and the reservoir was seismically strengthened in 1975. San Antonio Reservoir/ Turner Dam was completed in 1965. A Filtration and Pumping Plant at Sunol was constructed in 1966 and expanded in 1976. Pipelines from Niles to San Francisco Bay have been abandoned.

Integrity

This discussion will assess the integrity of the Sunol Aqueduct as a component of the Alameda Creek System; an integrity evaluation of the entire Alameda Creek System is beyond the scope of this project.

Integrity of the Sunol Aqueduct, or the ability to convey its significance, is high because the Hetch Hetchy pipelines to the south have effectively bypassed the Sunol Aqueduct since 1934. The Sunol Aqueduct has a high degree of integrity of location and setting: much of Niles Canyon is owned by San Francisco Water Department, East Bay Regional Park District, or in large parcels which have remained relatively undeveloped due to the hilly terrain. Integrity of design, materials, and workmanship are also very high, because only minor changes to the aqueduct have been carried out since its completion in 1923.

According to a recent survey of water conveyance systems in California, it is fairly common for early water systems, particularly those for irrigation, to be absorbed by later systems, and to reflect more than one construction method or conduit type. The history of the Alameda Creek System is an excellent example of this characteristic, because it includes a dam from an earlier water use, it altered a pre-existing aqueduct, and contains components dating from 1898 through 1925. The Alameda Creek System, in turn, was subsumed into the much larger Hetch Hetchy System. As noted above, the original pipelines leading from the Niles end of the aqueduct to San Francisco Bay have been abandoned, so that the Sunol Aqueduct has been severed from its original function, to convey water to San Francisco.

B10. **Significance** (continued)

Boundary of the Eligible Property

The boundary of the eligible property, Sunol Aqueduct, is the footprint of the structure itself, from Sunol Dam to Niles Reservoir.

Periods of Significance

The period of significance of the Alameda Creek System as developed by Spring Valley Water Company is 1887 to 1930 (the Sunol Aqueduct, as a segment of this system, would have a shorter period of significance, from 1900-1930). The system's period of significance begins with SVWC's first development of Alameda Creek as a water source for San Francisco in 1887, the construction of filter galleries, Sunol Dam and Sunol Aqueduct in 1898-1900 and the development of the Pleasanton Well Fields in 1903. Also included in this period of significance are the 1923 upgrade of the aqueduct to increase its capacity, and the completion of Calaveras Dam in 1925, the last major project under private company ownership. The period of significance ends with the change from a private water company to municipal ownership in 1930. This end date also roughly coincides with the city's completion of the Hetch Hetchy aqueduct in 1934 which brought exponentially more water to San Francisco, and which overshadowed the function of the Sunol Aqueduct.

National Register Eligibility

Sunol Aqueduct, the segment of the Alameda Creek System under consideration, is eligible for the National Register of Historic Places and for the California Register of Historical Resources in California. Significance is on the local and regional levels under Criterion A for its association with the history of urban water supply in California. The Alameda Creek System as a whole appears likely to be significant because stands out in the context of northern California as a very early project which for its time went a considerable distance from its customer base to obtain a water supply. In addition, the Alameda Creek System is an unusually late example of a private water company providing services for a municipality as was typical of the nineteenth century, in contrast to the trend toward governmental ownership of public utilities during the twentieth century.

Criterion A

The Sunol Aqueduct of the Alameda Creek System is a predecessor of the great Hetch Hetchy System (constructed 1914-1934), and it also largely predates the Owens Valley Aqueduct to Los Angeles (constructed 1908-1913). The system represents an early, ambitious effort by a private company to go farther afield to obtain a city water supply, before the public ownership of utilities became the norm during the 20th century in a legacy of the Progressive era. The City of San Francisco continued to do business with privately-owned SVWC until 1930. This endurance of a private utility serving a major city is in marked contrast to the City of Los Angeles's quest for water. Los Angeles formed a municipal water department by 1903, when it had less than a third of San Francisco's population.

Potential Eligibility under Criterion C

The Alameda Creek System appears likely to be additionally eligible under Criterion C as a work of engineering and because it embodies the distinctive characteristics of a type, period, and method of construction. At minimum the Sunol filter galleries of the Alameda Creek System appear to be eligible under Criterion C, but a formal evaluation is beyond the scope of this project. Spring Valley's Chief Engineer Schussler observed this geologic formation and planned for its eventual use before 1875, when he successfully persuaded SVWC to purchase the Sunol Valley filter beds. This was a very early use of an aquifer to store and collect water, planned before State Engineer William Hammond Hall had published his surveys in 1880 and 1888 which noted the frequent occurrence of aquifers in California's gravely coastal geology.

The Sunol Aqueduct's concrete-lined tunnels constructed in 1900 may be additionally significant under Criterion C as a work of engineering, but we do not have sufficient information as yet to make a definitive evaluation. The 1923 concrete box flume which replaced the wood flume built in 1900 appears to be a somewhat unusual solution (as compared with the more common riveted iron pipes) but not a technologically advanced one. The concrete arch bridge which carries the aqueduct is a handsome design. By 1923, the concrete arched bridge carrying a flume had been in use in California for some time, notably in the Modesto Irrigation District, built c. 1915. The concrete arch bridge carrying the aqueduct may be the only survival of its kind in California, though this has not been verified. In addition, the 1923 project received little notice in engineering journals of the day.

B10. Significance (continued)

Other System Designations of Significance

Neither the Alameda Creek System as a whole nor the Sunol Aqueduct has been evaluated previously under National Register criteria. No evidence could be found in SHPO records, as provided by the Northwest Information Center/ California Archaeological Inventory. However, the San Francisco Public Utilities Commission began to prepare a National Register application in 1995 for the Sunol Water Temple as part of an unsuccessful application for Transportation Enhancement Activities funding, although the National Register nomination was never completed. The *California Inventory of Historic Resources* (1976) lists the "San Francisco Water Temple" at Sunol.

The American Society of Civil Engineers (ASCE) designated the Sunol Water Temple, Sunol Dam and filtration galleries as a Historic Civil Engineering Landmark in 1976. Sunol Dam and filter galleries "represent an original method of utilizing California's characteristically gravely coastal geology and subsurface flowing water courses to develop and filter a municipal water supply." According to the ASCE, Spring Valley Water Company's novel system of subsurface water entrapment served as a model for a similar system in Los Angeles.

Lower Crystal Springs Dam in San Mateo County was formally determined eligible for the National Register of Historic Places in 1989, and was designated a Civil Engineering Landmark in 1976 for its advanced construction methods and design.

The San Joaquin Pipelines, as a section of the Hetch Hetchy System, was proposed for National Register eligibility in 1995. The Hetch Hetchy Project's Coast Range Tunnel, the longest water tunnel in the world when completed, was designated a Civil Engineering Landmark by the ASCE in 1976.

A related resource, Vallejo Flour Mill is California Historical Landmark No. 46. The mill (site) is listed in the *California Inventory of Historic Resources* (1976) and is additionally listed in the State Office of Historic Preservation's Historic Property Data Files (with National Register status of 3S, meaning that it appears eligible for individual National Register listing).

B12. References (continued from Building, Structure and Object Record)

"A Deed of Conveyance." *Oakland News* (28 August 1873): 3.
"A Water Grab: Spring Valley Seizing Alameda County's Running Streams: The People Indignant." *San Francisco Examiner* (13 November 1887): 11.
"A Water Meeting." *Oakland Enquirer* (22 April 1889): 4.
American Society of Civil Engineers San Francisco Section, *Historic Civil Engineering Landmarks of San Francisco and Northern California.* San Francisco: Pacific Gas and Electric Company, 1977.
Cooper, Erwin. *Aqueduct Empire: A Guide to Water in California.* Glendale: Arthur Clark, 1968.
Country Club of Washington Township Research Committee. *The History of Washington Township.* Stanford: Stanford University Press, 1950.
Dalin, David G. and Charles A. Fracchia. "Forgotten Financier: François L. A. Pioche." *California Historical Quarterly* LIII:1 (Spring 1974): 17-24.
"Dry Wells: The Grievances of the Farmers in the Vicinity of Niles and Alvarado." *Oakland Enquirer* (29 February 1889): 3.
Hansen, Warren D. *San Francisco Water and Power: A History of the Municipal Water Department and Hetch Hetchy System.* San Francisco: City and County of San Francisco, 1985, 1994 editions.
Hundley, Norris, Jr. *The Great Thirst: Californians and Water, 1770s-1990s.* Berkeley: University of California Press, 1992.
Kahrl, William L. *Water and Power.* Berkeley: University of California Press, 1982.
Lockwood, Herbert W. "Skeletons Closet: The Wooden Flume." *San Diego Metropolitan Magazine* (October 1997). Internet address: http://www.sandiegometro.com/1997/oct/skeleton.html.
Munro-Fraser, J. P. *History of Alameda County, California* Oakland: M. W. Wood, 1883; reprint ed., 1969.
"New Water Company" [Alameda Water Co.]. *Oakland News* (12 November 1873): 3.
"The Other Side: Damage Caused by the Diversion of Alameda Creek." *Oakland Enquirer* (12 December 1888): 3.
San Francisco Water [a publication of the Spring Valley Water Company, 1922-1930]. Following articles:
"Editorial," I:1 (January 1922): 1, 10.
O'Day, Edward F. "The Architecture of the Water Temple." I:3 (July 1922: 3-5.
Elliott, George A. "Reconstruction of the Sunol Aqueduct." II:3 (July 1923) 7-8.
Eastman, S. P. "Keeping Faith." III:1 (January 1924): 1-4.
Espy, T. W. "Calaveras Reservoir." III:1 (January 1924): 6-9.
Elliott, George A. "A Year of Construction Activity." III:1 (January 1924): 4-5.
Flaa, I. E. "Sunol Aqueduct" III:1 (January 1924): 12-13.
Edward A. Nickel. "The New Niles Reservoir" III:1: (January 1924): 13-14.
Porter, Bruce. "Willis Polk." III:4 (October 1924): 12.
Elliott, George A. "Calaveras is Ready." IV:1 (January 1925): 1-9.
Eastman, S. P. "The Public's Use of Lands Devoted to its Service." IV:4 (October 1925): 1
Espy, T. W. and George W. Pracy. "Abundant Water for Civic Prosperity." VII:2 (April 1928): 1-10.
"Four Spring Valley Engineers." VIII: 2 (August 1929): 1-11.
Eastman, S. P. "Valedictory" VIII:3 (January 1930): 1-14.

a.

B12. References (continued)

Schussler, Hermann. "The Water Supply of San Francisco." *Journal of Electricity, Power and Gas* XXIII:24 (11 December 1909): 7-16.
Scott, Mel. *The San Francisco Bay Area: A Metropolis in Perspective.* 2nd ed. Berkeley: University of California Press, 1985.
"Spring Valley's Share." *Oakland Enquirer* (3 December 1888): 3.
"Spring Valley Sued." *Oakland Enquirer* (14 August 1893): 1.
"Sunol Glen: Campers Are to be Kept Out This Summer." *Oakland Enquirer* (23 January 1892): 3.
Thane, Mrs. L. E. "Pride of the Valley: Niles, the Center of Alameda County Fruit-Growing Districts." *Oakland Enquirer* (16 May 1891):1-2.
"Water Ditches." *Oakland Transcript* (1 January 1877): 8.
"The Water Problem." *Oakland Enquirer* (29 July 1889): 3.
Wing, Robert L. "Surface Water Supplies in the San Francisco Bay Area," in Division of Mines-Department of Natural Resources, State of California, *Geologic Guidebook of the San Francisco Bay Counties*, Bulletin 154. San Francisco, 1951.

Unpublished or Rare Sources
At University of California at Berkeley, Water Resources Center Archives:
Lippincott, Joseph. B., and William Mulholland, compilers. "Physical Data: Alameda Creek Catchment Area: Spring Valley Water Company." (1912). [Typewritten letter and report compiled by engineers of Los Angeles Aqueduct.]
Schussler, Hermann. "The Past, Present and Future Water Supply of San Francisco." Affidavit made at San Francisco, July 23, 1908. [Reprint.]
"The Spring Valley Purchase: Facts Figures Arguments" (1921) UCB Water Resources Library.
"The Spring Valley Water Works of San Francisco" reprint from *San Francisco News Letter* (11 February 1893).

At University of California at Berkeley, Bancroft Library:
Child, Robert E., compiler, Niles Canyon Lands: Alameda County [map]. n.p.: Spring Valley Water Co., c. 1914.
Kern, Ruy E, "The Vallejo Flour Mills and the Rancho Arroyo de la Alameda." (1990). [Photocopy of typescript mss.]
"Properties and Works of the Spring Valley Water Company . . ." (1 January 1910).
Schussler, Hermann. "Report of H. Schussler . . . on the Various Projects for Supplying San Francisco with Water." (1876).
Schussler, Hermann. "The Water Supply of San Francisco, California Before, During and After the Earthquake of April 18, 1906 and the Subsequent Conflagration." (23 July 1906).

At University of California at Berkeley, Map Library:
San Francisco Public Utilities Commission. San Francisco Water and Power Systems: General Map, 1970.

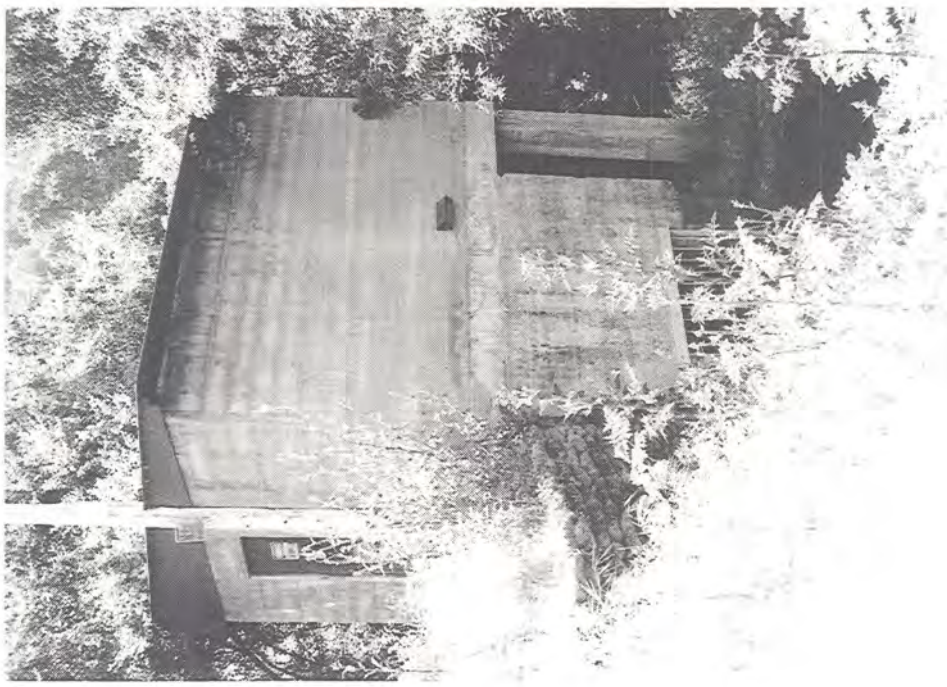
Other Unpublished or Governmental Records
Alameda County Deeds. Book 109, pages 463-466 [Spring Valley Water Works' initial purchase of Alameda Creek water rights.]
Ambro, Richard D. "Report of Archival Research to Identify Potential Historic Cultural Resources in the Mission Valley Rock Project Area, Sunol, Alameda County, California." Prepared for Holman and Associates, San Francisco, 1992. [On file at Northwest Information Center, Sonoma State University.]
Baker, Suzanne. "Archaeological Survey Report, Widening of Mission Boulevard in Hayward, Union City, and Fremont, Alameda County" 1992. [On file at Northwest Information Center, Sonoma State University.]
California Department of Transportyation, "An Evaluation of San Diego Flume and Lankershim Tunnel, 04-SD-8/67, P.M. 19.5/19.6," (August 1981).
City and County of San Francisco Public Utilities Commission, "1996 ISTEA Transportation Enhancement Activities Program: Sunol Water Temple Historic Restoration" (4 December 1995).
City and County of San Francisco Public Utilities Commission (San Francisco Water Department), Map sheets of Alameda Creek System on file at Alameda Operations and Maintenance, 505 Paloma Way, Sunol and 1000 El Camino Real, Millbrae. Sheet numbers F-345A, F-344-A, F-343-A, F-342A, F-339-A, F-338-A, F-340A (originally drawn 1925-1929 by Spring Valley Water Company, revised through 1960).
Conversations in June 1998 with the following employees of San Francisco Public Utilities Commission (San Francisco Water Department), Water Supply and Treatment Division: Steven P. Lombardi, Rob Cyr, and Frank Marino (at Alameda Operations and Maintenance, 505 Paloma Way, Sunol) and with Norman Luge and Jonathan Chow (1000 El Camino Real, Millbrae).
Conversation with Jim Gunther, Director, Alameda County Water District, 12 July 1998.
Conversation with Joshua Milstein, Deputy City Attorney, City and County of San Francisco, 4 June 1998.
Conversation with Patricia Schieffer, U.S.G.S Water Resources Unit, Sacramento, 10 July 1998.
Grunsky, C. E. *Appraisement of the Properties of the Spring Valley Water Works for the Board of Public Works.* San Francisco: City and County of San Francisco, 1901.
Hall, William Hammond. *Annual Report of the State Engineer to the Governor of California.* October 1880.
Hall, William Hammond. *Irrigation in California.* Sacramento: State Printing Office, 1888.
JRP Historical Consulting Services and California Department of Transportation Cultural Studies Office. *Water Conveyance Systems in California: An Historic Context and Evaluation Procedure* (draft version). Sacramento: California Department of Transportation, May 1997.
Pastron, Allen G. et al. "Vallejo Mills Historic Park: Archaeological Testing Program." Prepared for Page, Anderson & Turnbull, Inc. San Francisco, 1986. [On file at Northwest Information Center, Sonoma State University.]
Langenbach, Randolph. "Sunol Water Temple Conservation Report." Prepared for San Francisco Public Utilities Commission (March 1993), as quoted in E. H. Stewart, "Sunol Water Temple Assessment Report." City and County of San Francisco Public Utilities Commission (September 1995).

a.



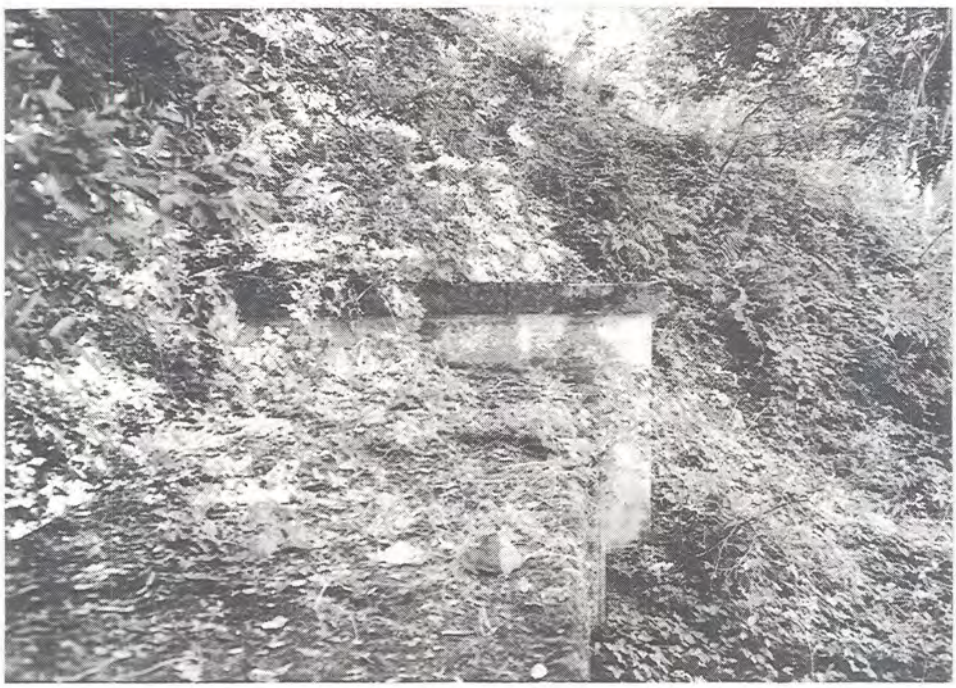
Above: View of Sunol Dam, looking southeast from Western Pacific Railroad (now Union Pacific) bridge crossing Alameda Creek.

Below: View looking southwest at structure built c. 1965 on top of aqueduct to add chlorine.





Above and below: Two views of box flume aqueduct connections to headwalls of aqueduct tunnels.

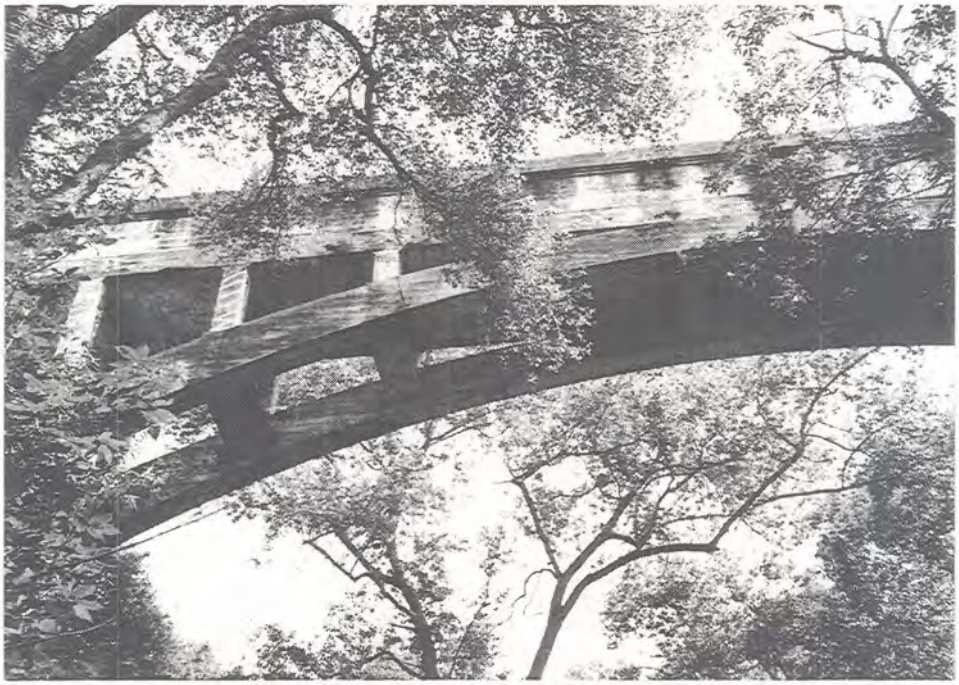




Above: View of trestle carrying concrete box flume, looking east of Mission Clay Products Co. property.

Below: View looking southeast below trestle carrying concrete box flume.



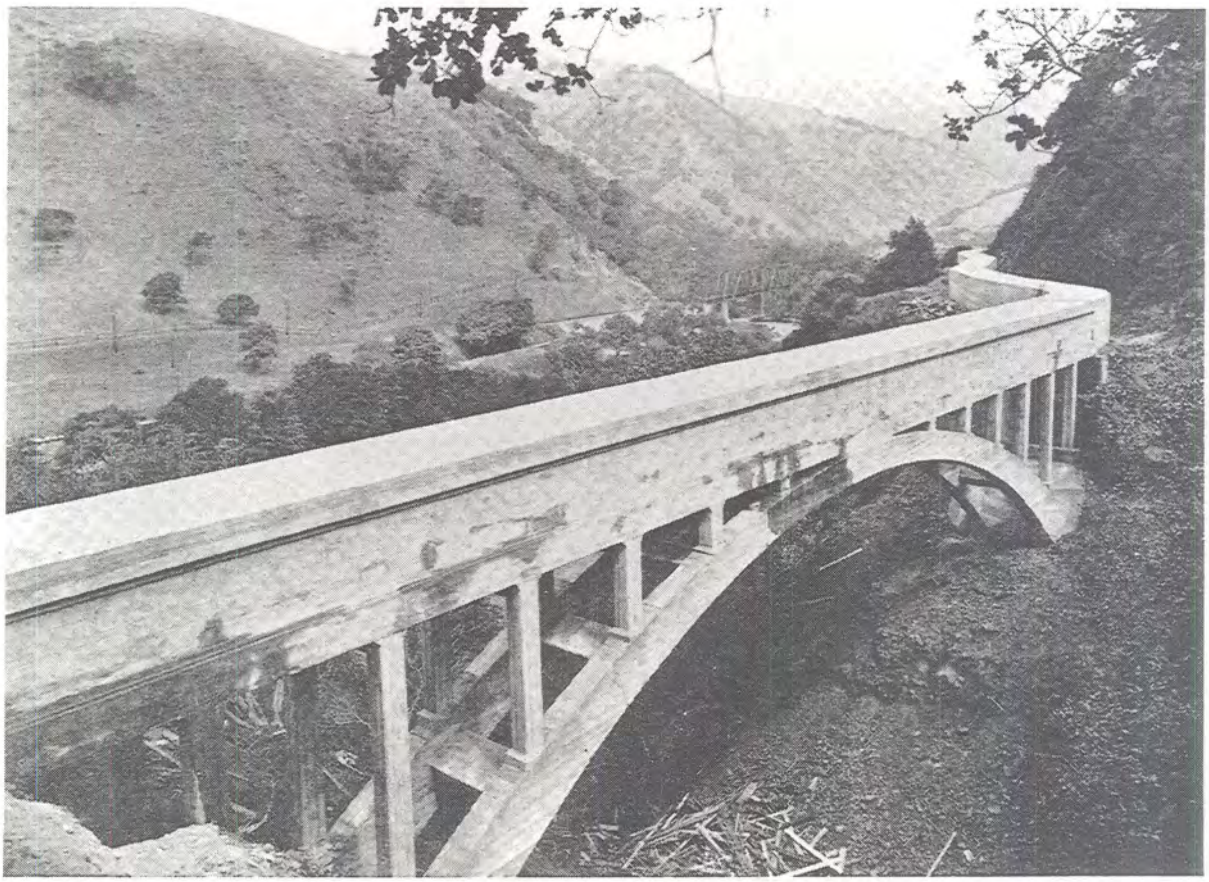


Above: View of open-spandrel concrete arch bridge carrying box flume aqueduct, looking southeast.

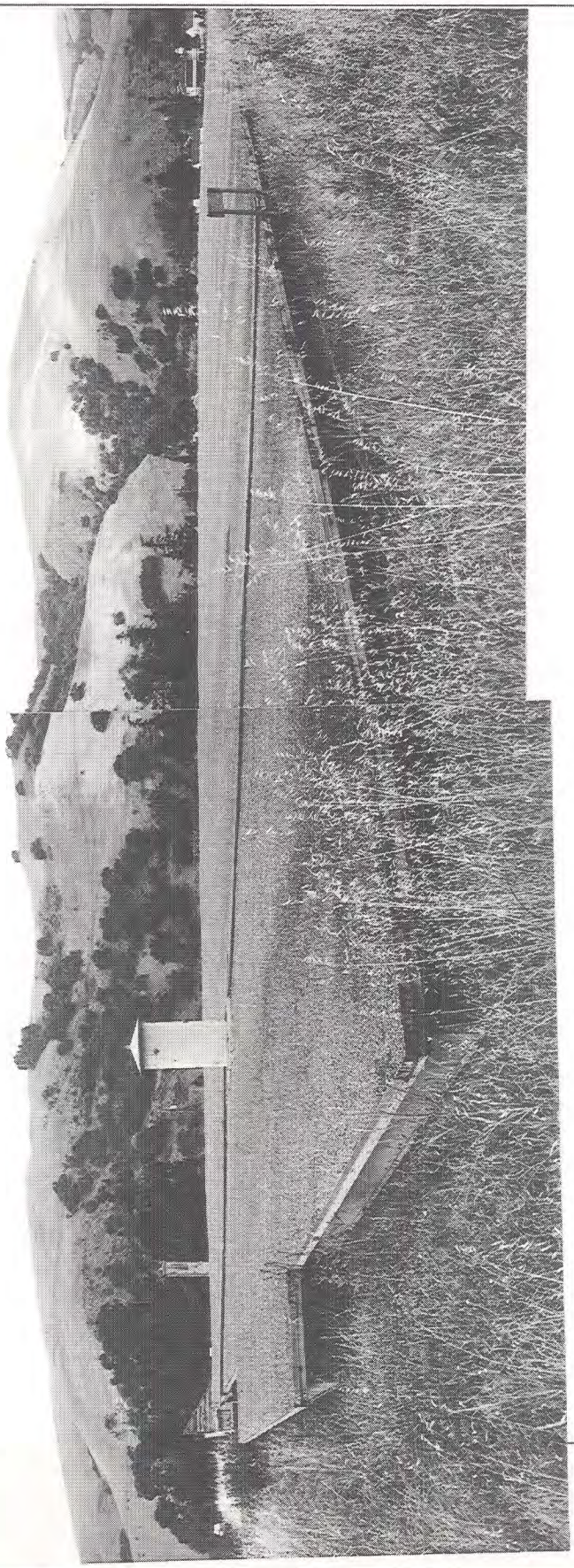
Below: Historic view of concrete arch bridge looking southeast with Western Pacific Railroad tracks in foreground. Courtesy San Francisco Public Library; from cover of *San Francisco Water* III:1 (January 1924).



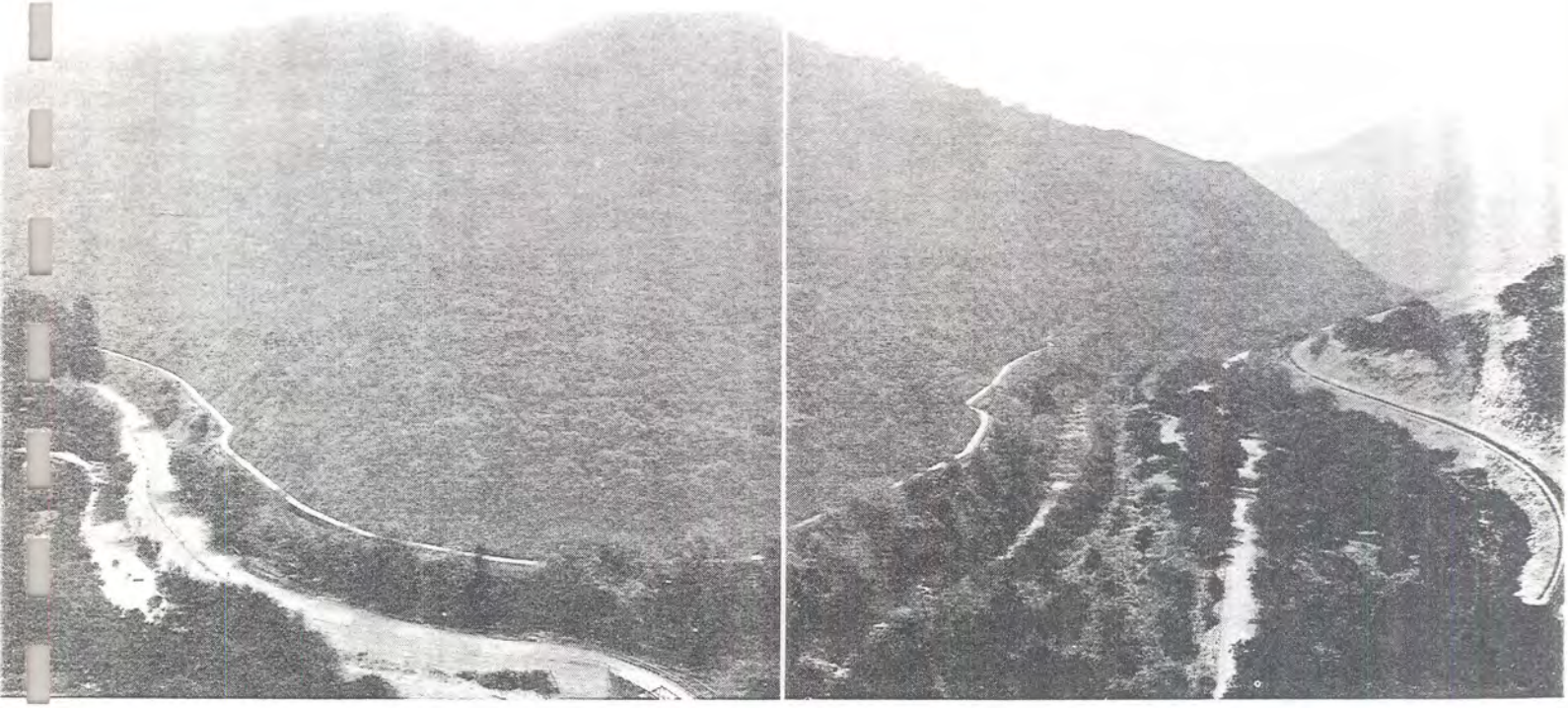
a.



Historic view of open-spandrel concrete arch bridge carrying Sunol Aqueduct. View is looking northeast with Southern Pacific Railroad bridge at Dresser over Alameda Creek in background. Courtesy San Francisco Public Library; from *San Francisco Water* III:1 (January 1924), page 5.



View of Niles Reservoir, looking north.

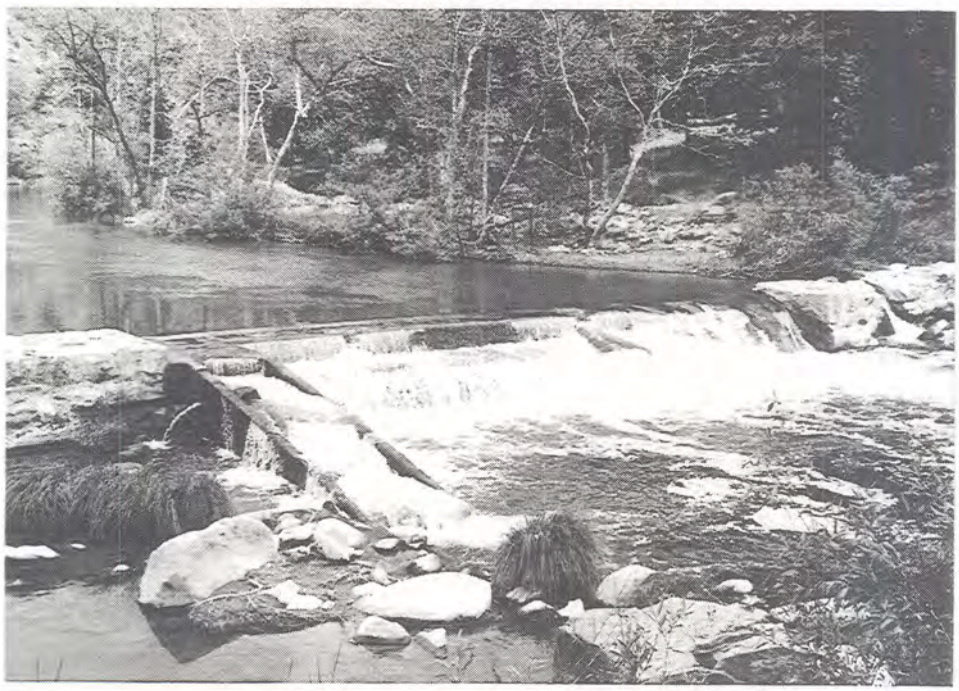


Historic view of Niles Canyon, looking south from approximately 2000' east of Farwell. Sunol Aqueduct is the light-colored narrow line curving along the far slope of the hill. On left photo, note county road (now State Highway 84) to left of aqueduct and farther left, Alameda Creek. On right photo, note Southern Pacific railroad at far right side.
Courtesy San Francisco Public Library; from *San Francisco Water* III:1 (January 1924), pages 8,9.



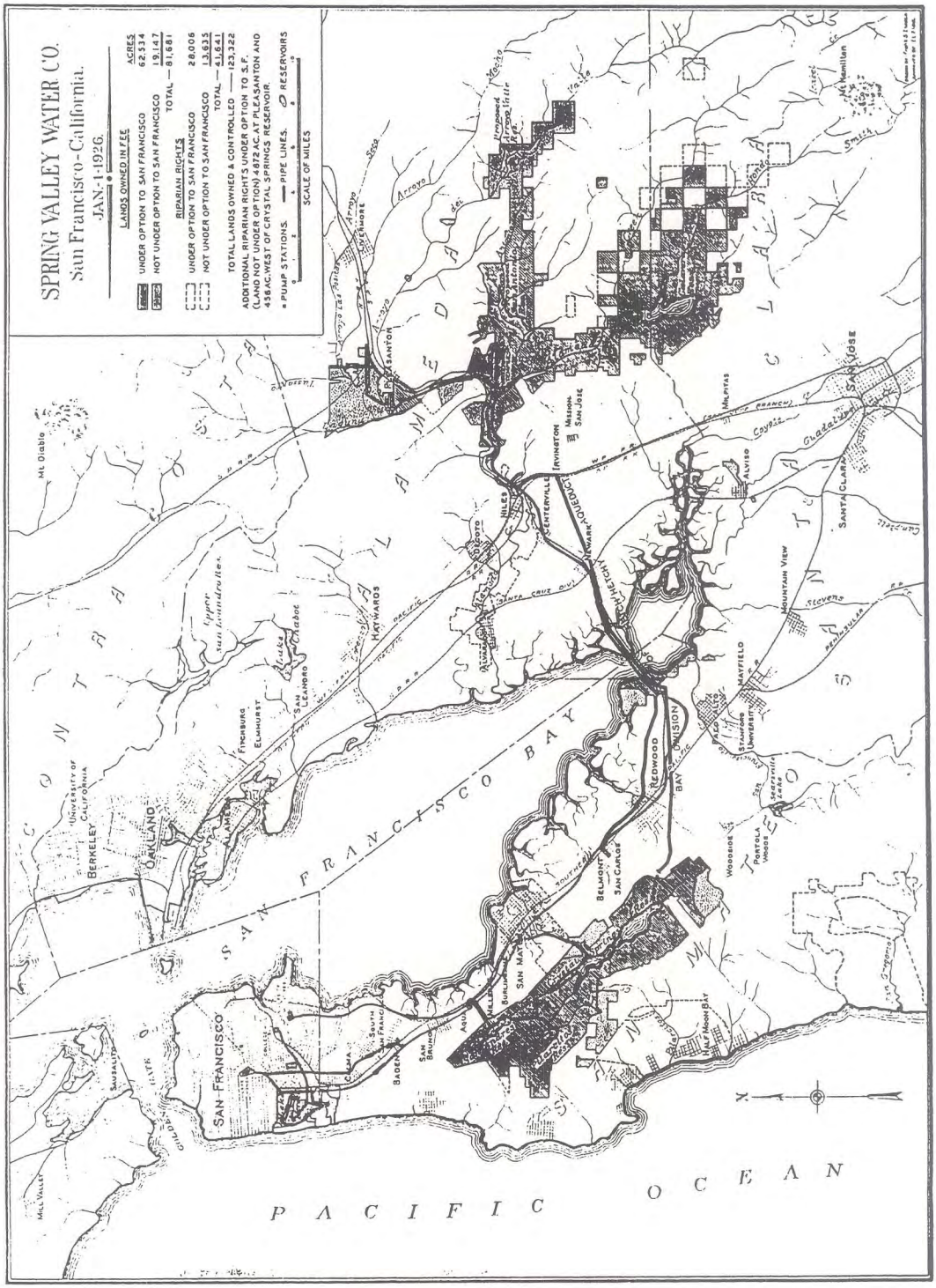
Above: Vallejo's stone-lined aqueduct (1841-1856) as later reconstructed by Spring Valley Water Company in 1887-1888. View is looking southwest along Route 84; Southern Pacific Railroad Rosewarnes bridge at Dresser is in background. (This resource is associated with Sunol Aqueduct, but is not included in this evaluation.)

Below: Niles Dam, originally constructed of stone 1841-1856 for Vallejo's Mill; reconstructed in concrete 1887-1888 by Spring Valley Water Company. View is looking southeast. (Niles Dam is associated with Sunol Aqueduct, but is not included in this evaluation.)

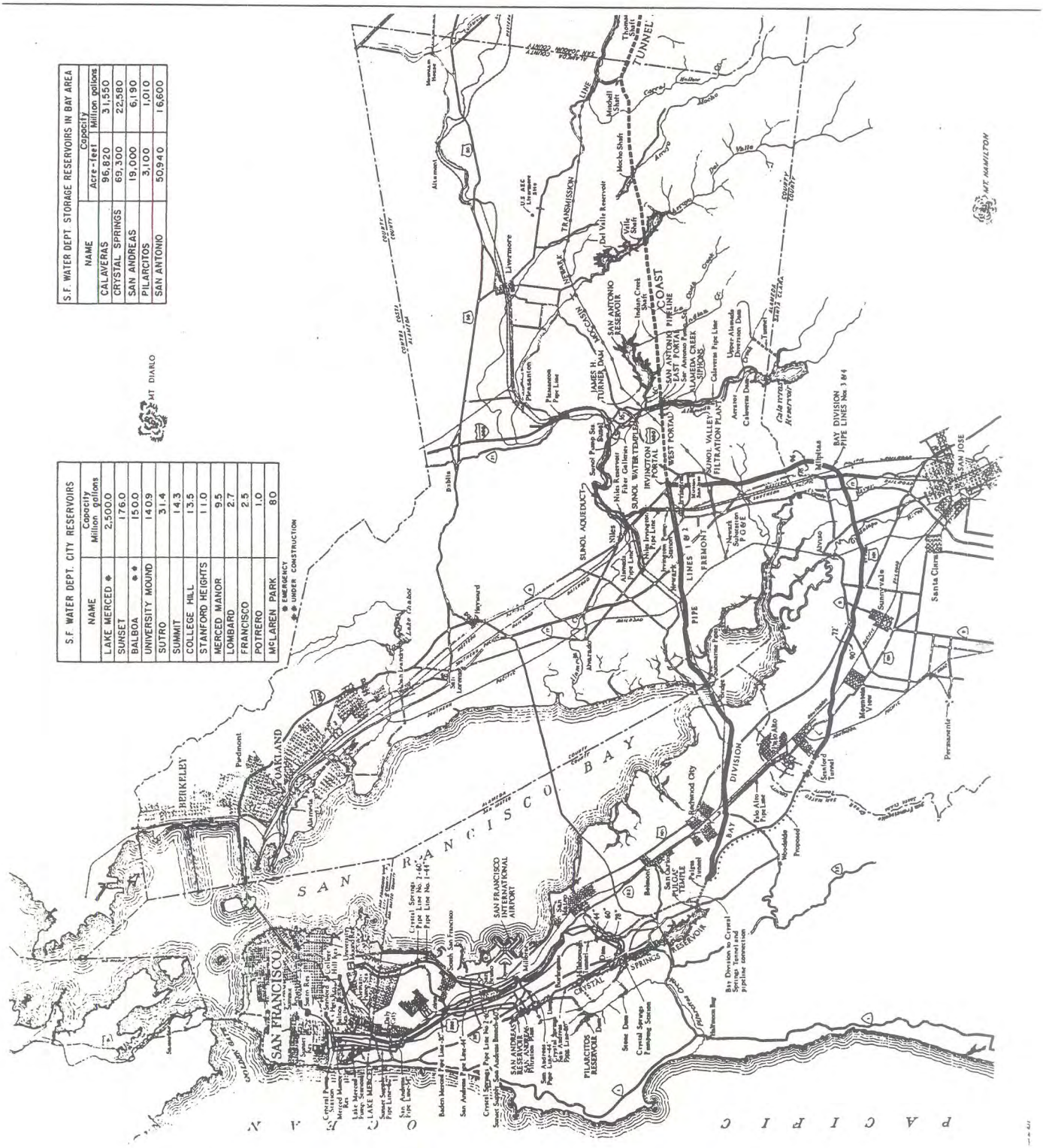




View of Sunol Water Temple, looking north. (Temple is associated with Sunol Aqueduct, but is not included in this evaluation.)



Historic map of Spring Valley Water Company's water supply system for San Francisco in 1926, shortly before the system was taken over by the City of San Francisco in 1930. This map also shows the beginning of the Hetch Hetchy Aqueduct from Irvington to the peninsula, then under construction by the city. Courtesy of University of California at Berkeley, Water Resources Center Archives.



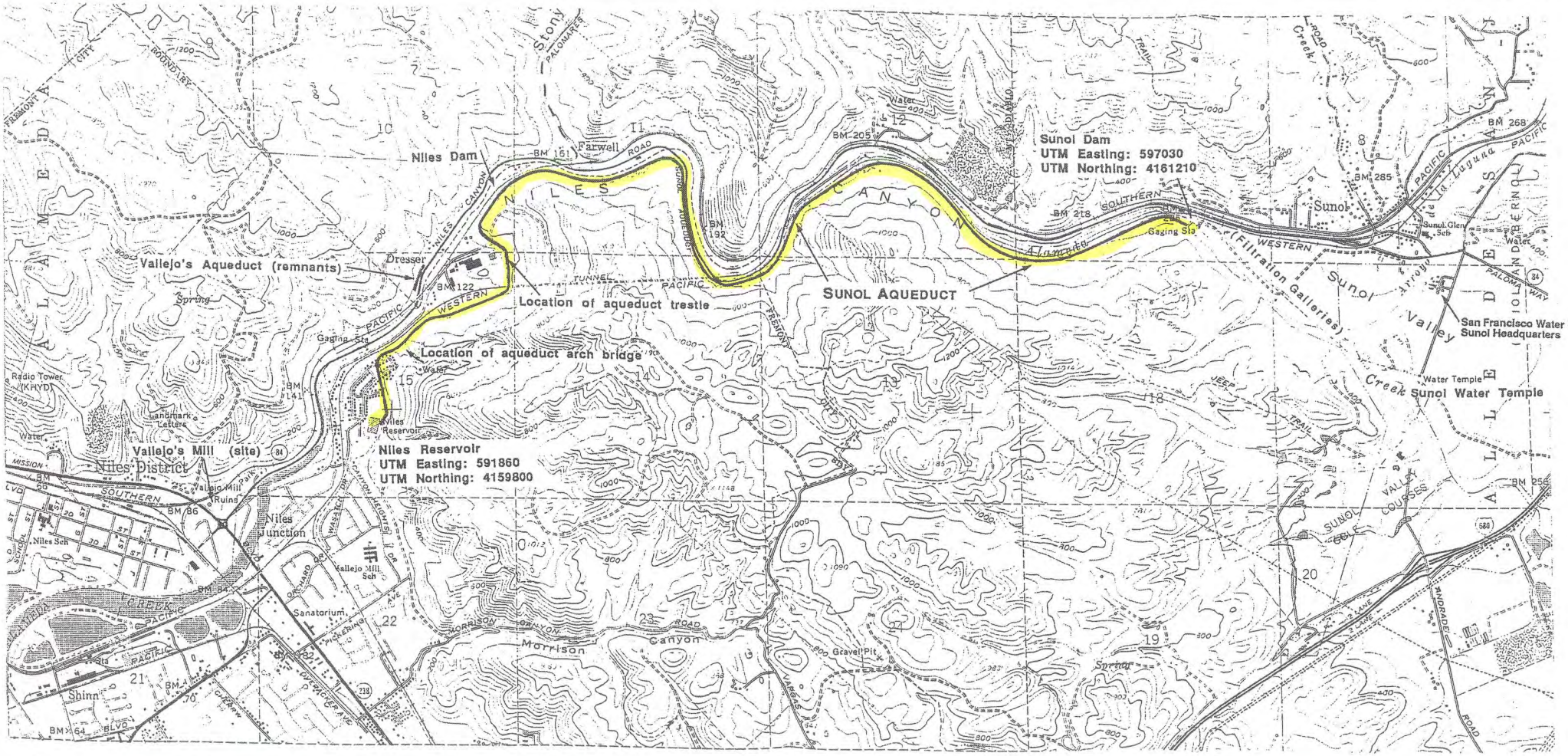
Partial Map of San Francisco Water Department's water and power systems in the San Francisco Bay Area in 1970, showing the Hetch Hetchy Aqueduct extending across Alameda County via the Coast Tunnel. Courtesy of University of California at Berkeley, Map Room.

State of California -- The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # P-01-002192
HRI #
Trinomial CA-ALA-583

Page 25 of 25 *Resource Name or # (Assigned by recorder) Sunol Aqueduct

*Map Name: U.S.G.S. quad Niles, Calif. *Scale: 1:24000 *Date of Map: 1961, rev. 1980



DPR 523E (1/95)

LOCATION MAP a.

P-01-003280

P-01-003280

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

HISTORIC RESOURCES INVENTORY

1. County Alameda

Site 01-00059
(State Use Only)

2. Common Name Niles Old Town Complex (Vallejo Mills, Gopher Town) 4538.14.9999
0003.0603

3. Location At mouth of Alameda Canyon adjacent to Niles Blvd. and Mission Blvd., Niles District, Fremont

4538-14-1 thru 25

4. Date of Inventory April 1974

5. Status: Occupied X Unoccupied ____ Preservation Work in Progress X

6. Accessible to Public: Yes, Restricted X Yes, Unrestricted ____ Not Accessible to Public ____

7. Owner of Property: Name multiple ownership Address Niles District
City Fremont State California Zip 94536 Phone ____

8. Approximate Acreage 10 or Approximate Lot Size ____

9. Representation in existing historic or prehistoric survey (see instructions): Yes X No ____ Unknown ____
Name of Survey Primary Historic Resources, City of Fremont, PHR, A designated Historic district protective zone with Historic Architectural Review

10. Depository for Records: Name City of Fremont
Address Civic Center Drive City Fremont State California Unknown ____

11. Representation on current Historic Landmark Registery programs: Yes X No ____ Unknown ____
Which Program Portions: JJ Vallejo Adobe National trust HABS: Vallejo Mills State Landmark HABS

12. Description (multiple choice): Altered X Unaltered ___ /Condition: Excellent ___ Good ___ Fair ___
Deteriorated ___ Ruins ___ Unexposed (archeological site) ___

13. Briefly describe the present and original physical appearance of site or structure and note any major alterations:
A complex of historic sites and existing resources about JJ Vallejo Mill (old Spanish town) and early transcontinental Railroad Depot-terminus and small town with remainder of Essanay Studio activities and concentration of Victorian commercial and residential structures. (Historic District overlay protective zoning with Architectural Review) Note: Major individual component Historic Resources listed on separate form.

14. Event of Historical Importance: None ___ Local X State X National X Describe briefly (see instructions for architectural exceptions): Early mill activities of Californian and Grantee of Rancho Arroyo Del Alameda - JJ Valejo; Transcontinental train terminus (Central Pacific, Essanay Film Studio (1912-1916)

15. Person of historical importance: Name Jose de Jesus Vallejo, Broncho Billy Anderson, Charlie Chaplin etc.
Local X State X National X Unknown ____ None ____

16. Statement of Significance: Old Spanish town which developed about JJ Vallejo Mill became a railroad town when San Jose branch of original Western Pacific terminated here and later linked via Oakland to transcontinental (Central Pacific) railway and became the site of internationall recognized embryo motion picture industry when Essanay Studios films in town and Niles Canyon; the first "Cowboy hero" Western, the western comedy and Charlie Chaplin one reel classics; Alameda County derives its name from the DeAnza's Expedition designation of the Alameda Creek at this site.

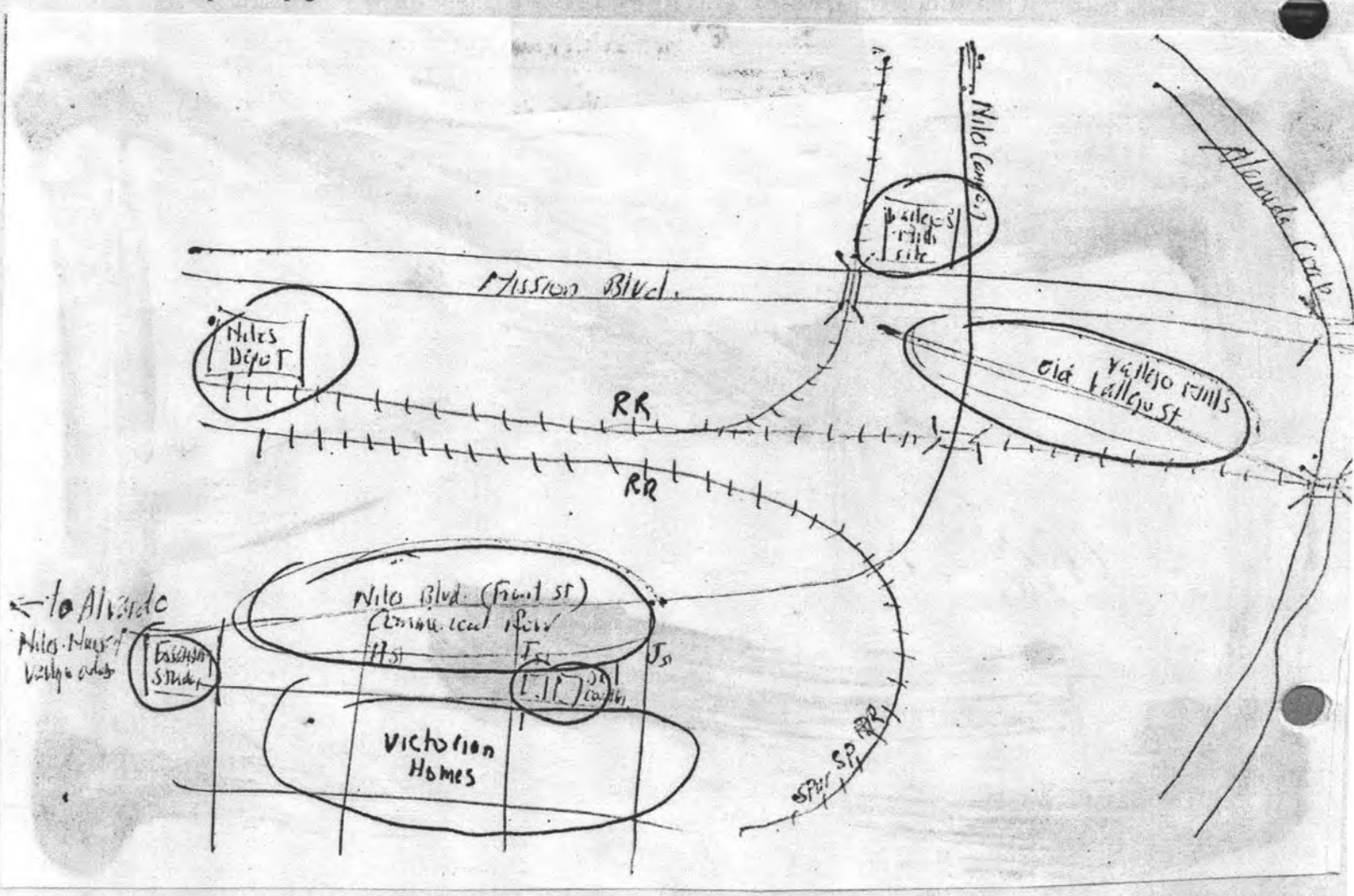
17. Documents and Books (bibliography): Halley "Centennial Bood of Alameda County"; Wood "History of Alameda County; Washington Township History CC WT; Historic Landmarks of Alameda County Tay; History of Alameda County, McCann and Winkle Autobiography: Chaplin, Films of Charlie Chaplin. McDonald Conway and Ricci.

18. Photographs included of site or structure: Yes X No (see instructions)

00548

AT06V5-01

19. Sketch map:
In the space below, draw a sketch map showing the location of the site or structure being inventoried. Label streets and roads and show the distance from the nearest major intersection. Add an arrow to show north on the map. As a rule, show north to the top of the page.



20. Form prepared by: Name Mission Peak Heritage Foundation Address P. O. Box 3405
City Fremont Phone 656-2541 Organization Washington Township Inventory Committee

THE FOLLOWING (21-26) ARE FOR STRUCTURES ONLY.

21. Date of Construction _____ Factual ____ Estimated ____ Unknown ____
Architect _____ Unknown ____ Builder _____ Unknown ____

22. Basic historic use of structure (see instructions): _____

23. Basic present use of structure (see instructions): _____

24. Is structure on original site? Yes _____ No _____ Unknown _____

25. Present Environment and Threat of Destruction (see instructions) _____
Secure ____ Threatened ____ Unknown ____

26. Area of structure at ground level: Width _____ Length _____ Unknown _____

P-01-003280

27. County [ ] (1-2) (State Use Only) 28. Site [ ] (3-7)

0003.0683

HISTORIC RESOURCES INVENTORY

Key Information

This page of the form is designed for computer programming of key information. There will be some duplication of material from the first page.

29. Historic Name: NILES TOWN COMPLEX (8-31)

30. City, town or rural postal area: FREMONT (32-49)

Card Number: 1 / 80

31. Street or rural address: NILES BLVD (50-80)

32. Public Ownership (Agency): (8-27)

33. Private Ownership: X (28)

34. Item of Interest

Site	Object	Structure
X (29)	(30)	X (31)

DIST. (X)

35. Type

Historic	Prehistoric
X (32)	X (33)

36. Period: Month / Year (34-39) to Month / Year (40-45)

UTM 10/540480/4159140
Quad # 446C
Niles

Numbers 37 – 39 are for State Use Only.

37. Geographic Coordinates: Latitude (46 47) (48 49) Longitude (50 51 52) (53 54)

38. Era

Indian	Hispanic	American
(56)	(57)	X (58)

Card Number: 2 / 80

39. Interpretation

Explor/Settle

Theme: D+ (8-23)

Subtheme: (24-39)

Element: (40-55)

Subelement: (56-71)

Card Number: 3 / 80

P-01-003280

1 2 | 3 4 5 6 7 | 8 9
County | Site (State Use Only) | Card No.

HISTORIC RESOURCES INVENTORY

Architectural Supplement

Mark the answer sheet for this section in the same way that you marked answers to questions 29 – 36, placing one number per block. As this section will be computerized for storage and retrieval of information, please make your numbers clear and legible. Disregard the small numbers under each answer bracket; they are for keypunch reference.

Card 4

40. Placement [10 11]
41. Plan [12 13]
42. Stories [14 15]
43. Basement [16 17]
44. Foundation [18 19]
45. Exterior Walls - Wood [20 21], [22 23], [24 25], [26 27]
46. Exterior Walls - Stone [28 29], [30 31], [32 33], [34 35]
47. Exterior Walls - Adobe, Other Earth [36 37], [38 39], [40 41], [42 43]
48. Exterior Walls - Brick, Composition, Tile [44 45], [46 47], [48 49], [50 51]
49. Exterior Walls - Coursing [52 53], [54 55], [56 57], [58 59]
50. Exterior Walls - Concrete [60 61], [62 63], [64 65], [66 67]
51. Exterior Walls - Metal, Glass [71 72], [73 74], [75 76], [77 78]

Card 5

52. Exterior Sheathing [10 11], [12 13], [14 15], [16 17]
53. Wall Design [18 19], [20 21], [22 23], [24 25]
54. Roof Shape [26 27], [28 29], [30 31], [32 33]
55. Roof Material [34 35], [36 37], [38 39], [40 41]
56. Chimneys [42 43]
57. Chimney Material [44 45], [46 47], [48 49], [50 51]
58. Dormer Shape [52 53], [54 55], [56 57], [58 59]
59. Roof Trim - Eaves [60 61]
60. Roof Trim - Gable End [62 63], [64 65], [66 67], [68 69]
61. Roof Trim - Special Features [70 71]
62. Window Location [72 73]
63. Window Opening Shape [74 75]
64. Window Top Surrounding Detail [76 77]
65. Window Sides Surrounding Detail [78 79]

Card 6

[10 11]

67. Window Division [12 13]
68. Window Movement [14 15]
69A. Window Panes - Upper or Left [16 17]
69B. Window Panes - Lower or right [18 19]
70. Special Window Shapes [20 21], [22 23], [24 25], [26 27]
71. Special Window Types [28 29], [30 31], [32 33], [34 35]
72. Main Door Location [36 37]
73. Main Door Opening [38 39]
74. Main Door Top Surrounding Detail [40 41]
75. Main Door Sides Surrounding Detail [42 43]
76. Main Doorway Type [44 45]
77. Main Doorway Side Panels [46 47]
78. Main Doorway Transom Panels [48 49]
79A. Main Door Type [50 51]
79B. Main Door Type [52 53], [54 55], [56 57], [58 59]
80. Main Door Material [60 61], [62 63], [64 65], [66 67]
81. Main Door Glazing [68 69]
82. Stairs, Location and Design [70 71]

Card 7

83. Stairs, Shape [10 11]
84. Main Porch [12 13]
85. Porch Supports [14 15]
86. Porch Supports Material [16 17], [18 19], [20 21], [22 23]
87. Porch Height [24 25]
88. Additional Building Features [26 27], [28 29], [30 31], [32 33]
89. Ornamentation [34 35], [36 37], [38 39], [40 41]
90. Property Features [42 43], [44 45], [46 47], [48 49]

AT06V5-02

P-01-003280

MISSION PEAK HERITAGE FOUNDATION

Endorsed by Council Action by the Cities of Fremont • Union City • Newark

FREMONT-UNION CITY-NEWARK

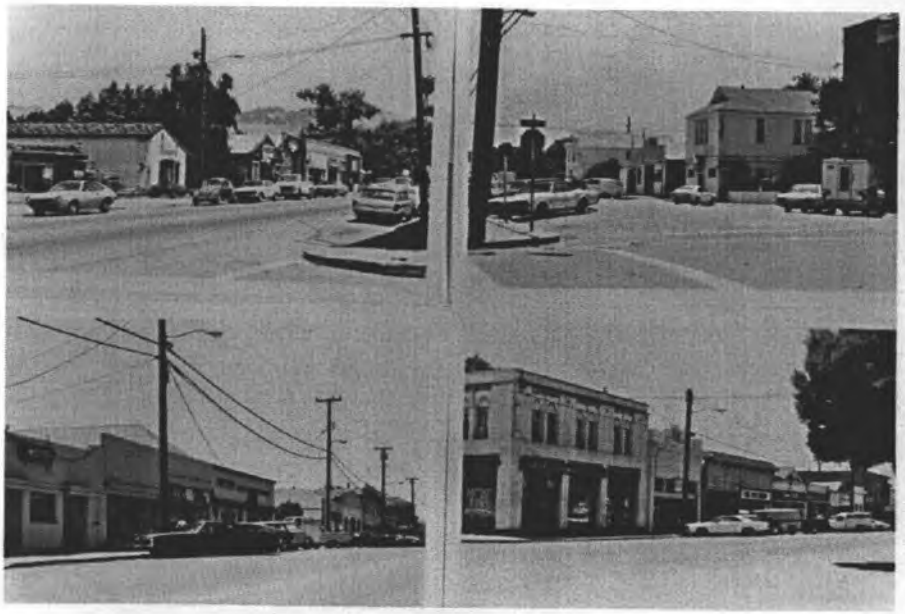
COMPONENTS OF NILES OLD TOWN COMPLEX

A. Sites
   1. Indian community site 4538-14-1
   2. Vallejo Mills - old town (Gopher town) on Vallejo St. 4538-14-2
   3. J.J. Vallejo Mill 4538-14-3
   4. Essanay Film Studio (2nd) 4538-14-4
   5. Site of I.O.O.F. Hall (1st) 4538-14-5
   6. Niles Hotel Martin House 4538-14-6
   7. Site of 1st and 2nd Niles Schools 4538-14-7

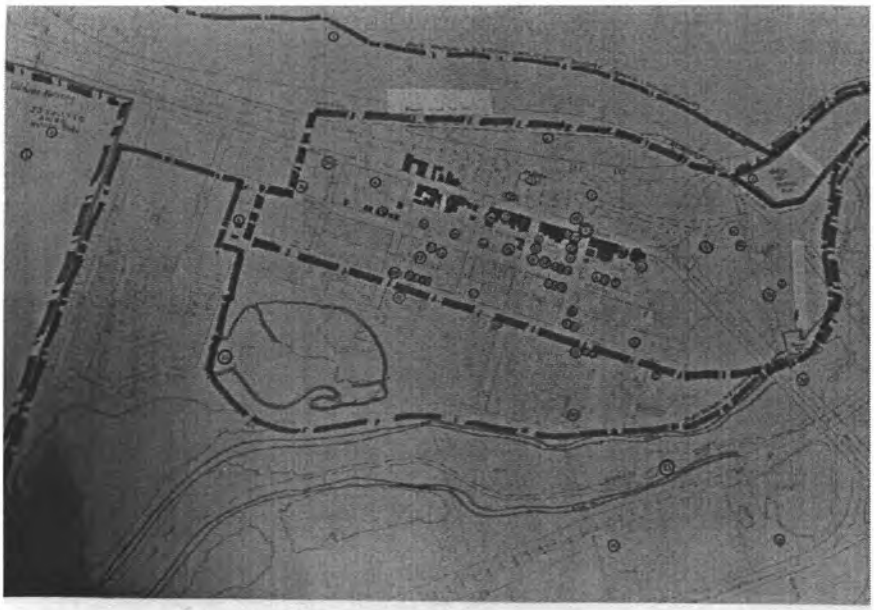
B. Structural Resources 4538-14-8
   1. Commercial Row
      a. Fire station 4538-14-9
      b. 1st I.O.O.F. Hall 4538-14-10
      c. Ellsworth Bldg and Moore Saloon 4538-13-11
   2. Niles Jail 4538-14-12
   3. Niles Court House 4538-14-13
   4. Essanay 1st Studio (Oliver Barn) 4538-14-14
   5. Essanay stars cottages 4538-14-15
   6. 1st Railroad Depot (Central Pacific) 4538-14-16
   7. Present SP Depot and yards 4538-14-17
   8. Victorian residences 2nd and 3rd St.
      a. 37782 2nd 4538-14-18
      b. 37510 3rd 4538-14-19
      c. 37664 2nd 4538-14-20
      d. 377-- 2nd 4538-14-21
      e. 37899 3rd Butts Home 4538-14-22
   9. Snyder Store and 1st Post office and Snyder home 4536-13-23
   10. Westley Hotel 4538-14-24
   11. Belvoir Hotel 4538-14-25

B-01-003280

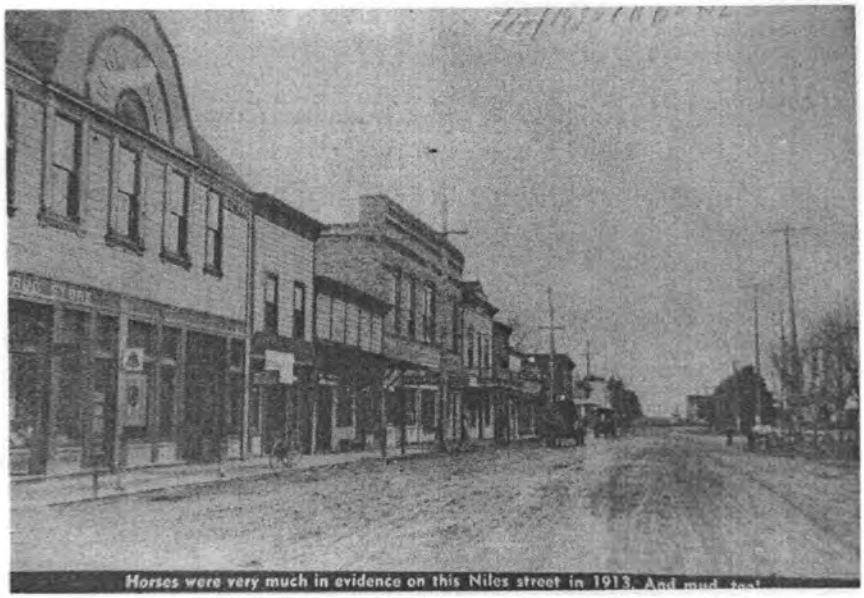












Horses were very much in evidence on this Niles street in 1913. And mud, too!

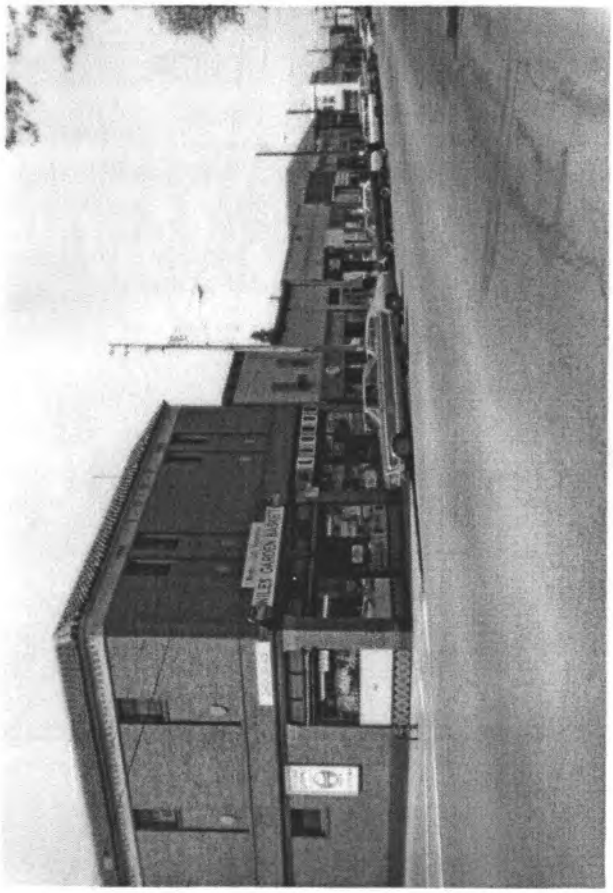
P-01-003280







P-01-003280



P-01-008189

METADATA SHEET

DOE-01-94-0009-0000

DOE-01-94-0008-0000

This resource was recorded under one or more of the Office of Historic Preservation's programs. It has also been assigned a Primary Number, and therefore, all records for this resource have been moved to the Primary Files. Please see the following Primary Number:

P-01-008189

P-01-008190

Date: August 6, 2012
NWIC Staff: Annette Neal

PROPERTY-NUMBER	PRIMARY-#	STREET.ADDRESS.....	NAMES.....	CITY.NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
							PROJ.REVW.	BUR050125A	03/16/05	2S2	AC
135919		MIDWAY RD	BRIDGE #33-0195 / MIDWAY ROAD UNDE	(VIC) LIVERMORE	S	1953	HIST.RES.	DOE-01-02-0030-0000	05/30/02	6Y	
							PROJ.REVW.	FHWA020415A	05/30/02	6Y	
183198		36614 BONNIE ST		NEWARK	P		PROJ.REVW.	HUD110701L	07/07/11	6Y	
065834	01-005784	36328 CEDAR BLVD	SERRA HOMES REHABILITATION	NEWARK	U		PROJ.REVW.	HUD890426A	05/25/89	6Y	
010529	01-003613	7200 CENTRAL AVE	CALIFORNIA SALT CO, LESLIE SALT CO	NEWARK	P	1900	HIST.SURV.	4560-0008-0000		7N	
069281	01-005920	5453 JARVIS AVE	G.W.PATTERSON HOUSE	NEWARK	U		PROJ.REVW.	HUD830711AJ	06/30/81	3S	BC
							PROJ.REVW.	65000957	08/20/81	2S	
185027		5739 PARKSIDE PL		NEWARK	P		PROJ.REVW.	HUD101129H	12/08/10	6Y	
183801		36635 RUSCHIN DR		NEWARK	P		PROJ.REVW.	HUD110720B	07/22/11	6Y	
010528	01-003612	SR 84	BR. 33-279	NEWARK	S	1926	HIST.SURV.	4560-0007-0000		7R	
010522	01-003606	SR 84	BR. 33-210	NEWARK	S	1926	PROJ.REVW.	BLM921130R	11/30/92	7J	
							HIST.SURV.	4560-0001-0000		7R	
010523	01-003607	SR 84	BRIDGE #33-205	NEWARK	S	1926	HIST.SURV.	4560-0002-0000		7R	
010527	01-003611	SR 84	BR. 33-209	NEWARK	S	1926	HIST.SURV.	4560-0006-0000		7R	
010524	01-003608	SR 84	BR. 33-206	NEWARK	S	1926	HIST.SURV.	4560-0003-0000		7R	
010526	01-003610	SR 84	BR. 33-208	NEWARK	S	1926	HIST.SURV.	4560-0005-0000		7R	
010525	01-003609	SR 84	BR. 33-207	NEWARK	S	1926	HIST.SURV.	4560-0004-0000		7R	
010530	01-003614	SYCAMORE AVE	NEWARK RAILROAD COMPLEX	NEWARK	P	1876	PROJ.REVW.	BLM921130I	11/30/92	7K	
							HIST.SURV.	4560-0009-9999		3D	
010531	01-003615	36507 SYCAMORE ST		NEWARK	P	1920	HIST.SURV.	4560-0010-0000		7R	
066704	01-005817	36507 SYCAMORE ST	SYCAMORE STREET WIDENING	NEWARK	U		HIST.RES.	DOE-01-88-0019-0000	07/06/88	6Y	
							PROJ.REVW.	FHWA880615A	07/06/88	6Y	
092541	01-008190		ROSEWARNES UNDERPASS BRIDGE, BRIDG	NILES	C	1906	HIST.RES.	DOE-01-94-0008-0000	10/30/94	6Y	
							PROJ.REVW.	FHWA940805C	10/30/94	6Y	
092540	01-008189		FARWELL UNDERPASS BRIDGE, BRIDGE #	NILES	C	1906	HIST.RES.	DOE-01-94-0009-0000	10/30/94	6Y	
							PROJ.REVW.	FHWA940805D	10/30/94	6Y	
153020			NILES CANYON RAILROAD AND CONTRIBU	(VIC) NILES	M	1865	HIST.RES.	NPS-10000843-9999	10/13/10	1S	A
							NAT.REG.	01-0090	09/22/09	3S	A
							PROJ.REVW.	FHWA041116A	11/29/04	2S2	AC
153021			VALLEJO'S AQUEDUCT AND NILES DAM	(VIC) NILES	M	1841	PROJ.REVW.	FHWA041116A	11/29/04	2S2	CD
113401	01-009998		WPRR OAKLAND MOLE	OAKLAND	M	1909	HIST.RES.	DOE-01-97-0049-0000	01/06/98	6Y	
							PROJ.REVW.	COE970808A	01/06/98	6Y	
113402	01-009999		PORT OF OAKLAND - NORTH JETTY	OAKLAND	M	1874	HIST.RES.	DOE-01-97-0050-0000	01/06/98	2S2	AC
							PROJ.REVW.	COE970808A	01/06/97	2S2	AC
115871	01-010164		BUILDING 111 - GARAGE OFFICE - NAV	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0040-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	
113860	01-010088		POSEY TUBE	OAKLAND	S	1928	HIST.RES.	DOE-01-97-0052-0000	01/15/98	2S2	AC
							PROJ.REVW.	FHWA971210A	01/15/98	2S2	AC
115870	01-010163		BUILDING 110 - PUBLIC WORKS STORAG	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0039-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	
115869	01-010162		BUILDING 107 - NAVAL MEDICAL CENTE	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0038-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	
115867	01-010161		BUILDING 103 - BOWLING ALLEY - NAV	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0037-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	
115864	01-010160		BUILDING 102 - OCCUPATIONAL THERAP	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0036-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	
115859	01-010159		BUILDING 101 - ADMINISTRATION BUIL	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0035-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	
115858	01-010158		BUILDING #85 - NAVAL MEDICAL CENTE	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0034-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	

C

P-01-008189

P-01-008189

PROJ.REVW AND RES.PROT.UNIT LOG-OUT PRINTOUT CLARENCE CAESAR

Undertaking Identifier: FHWA940805D 05/27/98 Page: 1
Undertaking Name: FARWELL UNDERPASS(BRIDGE #33-0035),84-ALA-13.03
Applicant: FHWA City: UNION CITY
County(ies): ALA

RECEIVED
JUN 15 1998

Due: 09/04/94

TRANSACTION HISTORY

DATE IN	TO		DATE OUT	BY	ACTION
08/05/94	CC	-	10/30/94	CC	C5

****
****
There are 1 Hist. Prop. and no Arch. Sites involved in this undertaking :
****

Property number: 092540
FARWELL UNDERPASS (BRIDGE #33-0035)
Address: County: ALA
X-Street:
NILES Vicinity:
Parcel #:

Category: S # of Props:
Owner Type: C Pres. Use: P
Other Recognition: CHL #:
Dates of Construction: 1906 -
Architect: Builder:
Historic Attributes: 18,19,70,72,78,96
Eth:

Previous Determinations on this property:

Program	Prog. Ref Number	Eval	Crit	Eval-date	Evaluator
HIST.RES.	DOE-01-94-0009-0000	6Y2		10/30/94	CLARENCE CAESAR
PROJ.REVW.	FHWA940805D	6Y2		10/30/94	CLARENCE CAESAR

C

STATE OF CALIFORNIA — THE RESOURCES AGENCY

PETE WILSON, *Governor*

OFFICE OF HISTORIC PRESERVATION
DEPARTMENT OF PARKS AND RECREATION
P.O. BOX 942896
SACRAMENTO 94296-0001
(916) 653-6624
FAX: (916) 653-9824

P-01-008189

(916) 653-6624
FAX (916) 653-9824

October 30, 1994

FHWA940805D

Peter C. Markle, Acting Division Administrator
Federal Highway Administration
Region Nine, California Division
980 9th Street, Suite 400
SACRAMENTO CA 95814-2724

Re: Eligibility Determinations for the Farwell Underpass (Bridge #33-0035), Post Mile 13.03, Route 84, Alameda County.

Dear Mr. Markle:

Thank you for submitting to our office your August 2, 1994 letter and supporting documentation regarding your determination of eligibility for the Farwell Underpass (Bridge #33-0035) located at post mile 13.03, Route 84, Alameda County. The underpass is scheduled for future seismic retrofit work, and was not included in Caltran's statewide bridge survey. The bridge was built in 1906 as a replacement for an earlier crossing of Alameda Creek at this location.

You are seeking our comments on your determination of the eligibility of the Farwell Underpass for inclusion on the National Register of Historic Places (NRHP) in accordance with Section 106 of the National Historic Preservation Act. Our review of the submitted documentation leads us to concur with your determination that the Farwell Underpass is ineligible for inclusion on the NRHP under any of the criteria established by 36 CFR 60.4. The structure has no strong associations with significant historic events or persons, nor is it architecturally significant.

Thank you again for seeking our comments on your project. If you have any questions, please contact staff historian Clarence Caesar at (916) 653-8902.

Sincerely,

Cherilyn Widell
State Historic Preservation Officer

REC'D FHWA
NOV 14 1994

C

METADATA SHEET

P-01-011357

A District Record had been mistakenly added as a supplement to the primary record for the Western Pacific Railroad, P-01-002190. It was also incorrectly mapped in GIS. It has now been separated out and given its' own Primary Number as a District (Niles Canyon Railroad District) and remapped to match the description and location stated in the record.

Two records were included with the district record for elements of the district. These have now been given individual primary numbers.

Please see the individual Primary Numbers for these resources:

** P-01-008189

P-01-008190

Date: August 3, 2012

NWIC Staff: *Annette Neal*

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #: ~~P-01-002190~~ P-01-008189
HRI #
Trinomial ~~CA-ALA-582H~~
NRHP Status Code:
Other Listings
Review Code ____ Reviewer _____ Date __ ____

~~Page X of X~~

***Resource Name or #: Bridge # 33-0035**
Map Reference No.: #2

P1. Other Identifier: Farwell Bridge/Farwell Underpass

***P2. Location:** ☐ **Not for Publication** ■ **Unrestricted** ***a. County** Alameda
***b. USGS 7.5' Quad:** Niles **Date:** 1961, **rev.** 1980
c. Address N/A **City:** Niles (vicinity) **Zip** N/A
***d. UTM:** N/A
***e. Other Locational Data:** Railroad bridge over State Route 84, just east of Palomares Road, post mile 13.03

***P3a. Description:**

The Farwell Bridge (resource #2), like Dresser Bridge (resource #3) is a structure that is primarily a blend of two construction eras and carries a single railroad track over State Route 84 and Alameda Creek. The steel bridge super-structure was built in 1896, ten years prior to Dresser, by Edge Moor Bridge Works of Edge Moor, Delaware. It is a pin-connected structure, a construction technique once commonly used and now rarely found. The truss design is a Pratt, originally designed by Thomas and Caleb Pratt in 1844.

> ...[it is] a design with vertical compression members and diagonal tension members. The Pratts' patent application illustrated a combination structure with wooden compression members, although the vast majority of Pratt trusses built in the United States were entirely of metal. The Pratt truss achieved enormous popularity because of its strength and straightforward design. It was not a complicated structure that required complex shop work, and it was adaptable to a wide variety of situations. (Great American Bridges and Dams)

See continuation sheet, page 7



***P3b. Resource Attributes:**

***P4. Resources Present:**
☐ Building ■ Structure ☐ Object
☐ Site ☐ District ☐ Element of District
☐ Other

P5b. Description of Photo: Facing west, showing first of four spans where it meets second span with first truss. Original 1865/6 support is reinforced with a coat of concrete with faux stone surface pattern, painted white for safety. (2003)

***P6. Date Constructed/Age:** 1865/6, 1896
and Sources: Report of the Commissioners on the 1st Section, 1866. 1896 punched into bridge super-structure.

***P7. Owner and Address:**
Alameda County
1221 Oak Street
Oakland, CA

***P8. Recorded by:**
Meg Scantlebury
Caltrans District 4
111 Grand Avenue
Oakland, CA 94623

***P9. Date Recorded:** June, 2004

***P10. Survey Type:** Intensive

***Attachments:** ☐ NONE ■ Location Map ☐ Sketch Map ■ Continuation Sheet ■ Building, Structure, and Object Record
☐ Archaeological Record ■ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ■ Photograph Record ☐ Other (List)

b

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

BUILDING, STRUCTURE, AND OBJECT RECORD

P-01-008189

Primary #: ~~P-01-002190~~
HRI#:
~~CA-ALA-582H~~

~~Page X of X~~ *Resource Name or #: Bridge #33-0035

*NRHP Status Code: 2S4
Map Reference No.: #2

B1. **Historic Name:** Farwell Railroad Bridge
B2. **Common Name:** Farwell Underpass
B3. **Original Use:** Railroad Bridge B4. **Present Use:** Railroad Bridge
*B5. **Architectural Style:** N/A
*B6. **Construction History:** Originally built 1865/6; stone piers retained and reinforced, wood bridge structure replaced by steel truss in 1896. Additional piers were also built in 1896. A new abutment was built and a single span over the highway was replaced in 1932. Subsequent maintenance includes concrete facing over of one stone pier.

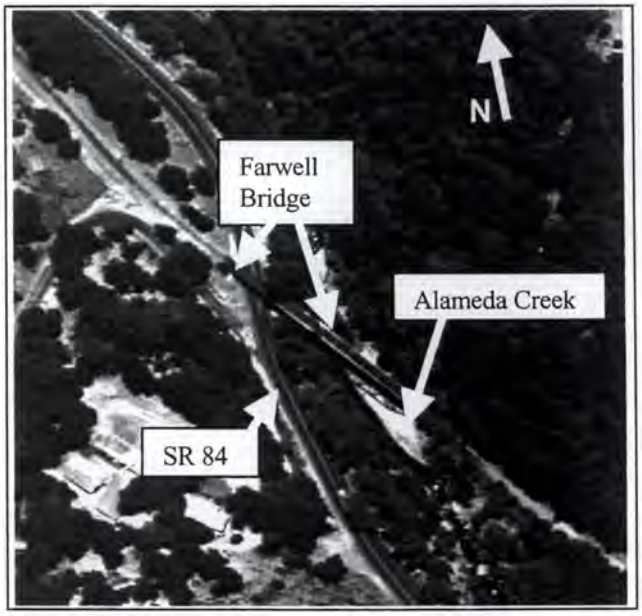
*B7. **Moved?** No ■ Yes ☐ Unknown **Date:** N/A **Original Location:** N/A
*B8. **Related Features:** Western Pacific Railroad/Central Pacific Railroad. Originally part of the 1869 Transcontinental Railroad
B9a. **Architect:** N/A b. **Builder:** Western Pacific Railroad (1865), Southern Pacific Railroad (1869) Edge Moor Bridge Works (1896)
*B10. **Significance: Theme:** Transportation, engineering **Area:** State
Period of Significance: 1865-1912 **Property Type:** Railroad Bridge **Applicable Criteria:** A, C

The historical significance of this bridge is discussed in conjunction with the Dresser Railroad Bridge, also of the Niles Canyon railroad, beginning on continuation sheet page 10.

B11. **Additional Resource Attributes:** N/A
*B12. **References:** see bibliography on continuation sheet page 16.

B13. **Remarks:**
B14. **Evaluator:** Meg Scantlebury
Caltrans, District 4
111 Grand Avenue
Oakland, CA 94623
(510) 286-5616

Date of Evaluation: June 2004



b

(This space reserved for official comments.)

xx

P3a. Description, continued from page 5

Three stone abutments and piers are essentially original to the 1865/6 structure; some have been reinforced, patched or coated with concrete since. Two additional piers were constructed in 1896 between existing original piers and abutments.

This bridge is a five-span structure. The highway is spanned by a steel girder deck structure 21 meters (69 feet) long, with a concrete retaining wall at its east end and a stone pier at its west end. Extending west from the pier is a Warren pony truss approximately 32 meters (75 feet) long, followed by a Pratt half-hip through truss, approximately 50 meters (165 feet) long, which spans the creek. The center beams are supported separately from the side plates at the abutments and piers by an additional masonry support atop the existing work. The pier between the two truss spans is concrete. Because the piers are not perpendicular to the trusses, the two truss frames that make up the creek span are offset, so that corresponding end panels are of different lengths. The trusses are made up of solid and lattice-braced members with riveted and pinned connections. At the west end of the bridge are two short steel girder deck spans, each less than 10 meters (32 feet) in length, supported by piers and an abutment that are the result of alternating building periods (1865/6 and 1896), and materials (stone and concrete). On either end of the Pratt truss the year, 1896, has been cut into tension members.

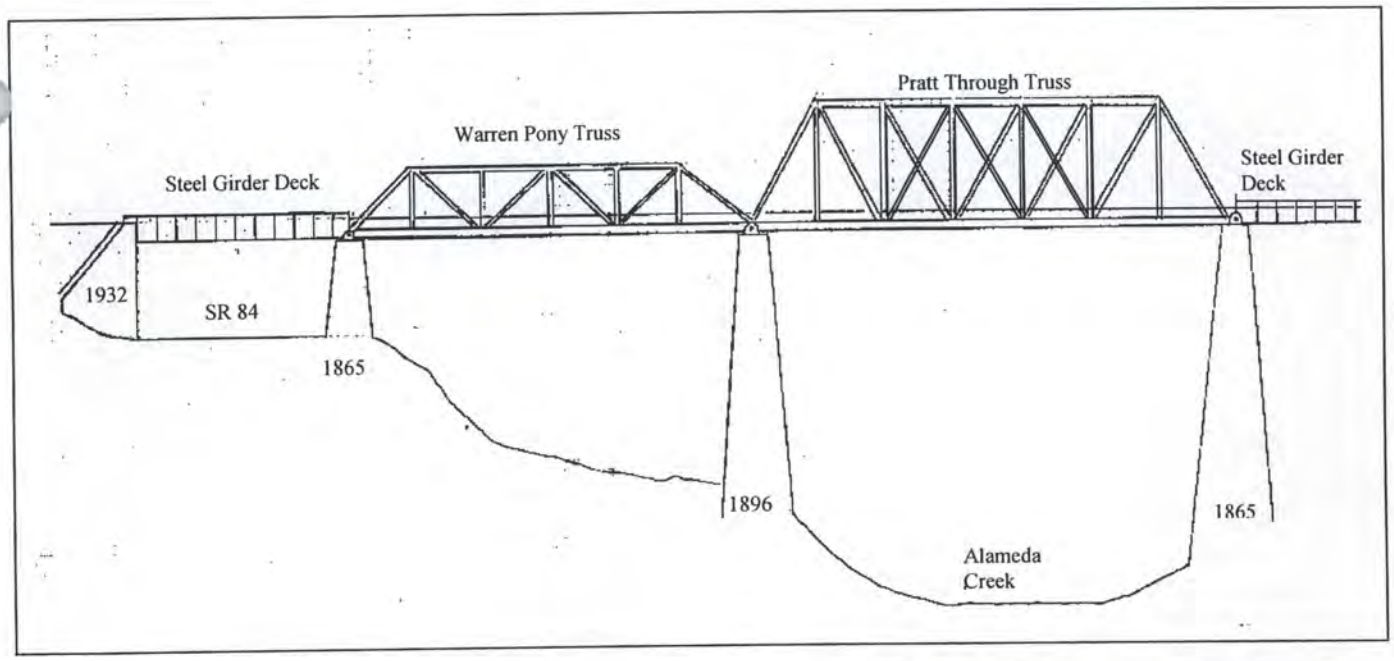


Figure 2: Farwell bridge construction dates and types. Illustration by author. (Not to scale)

b

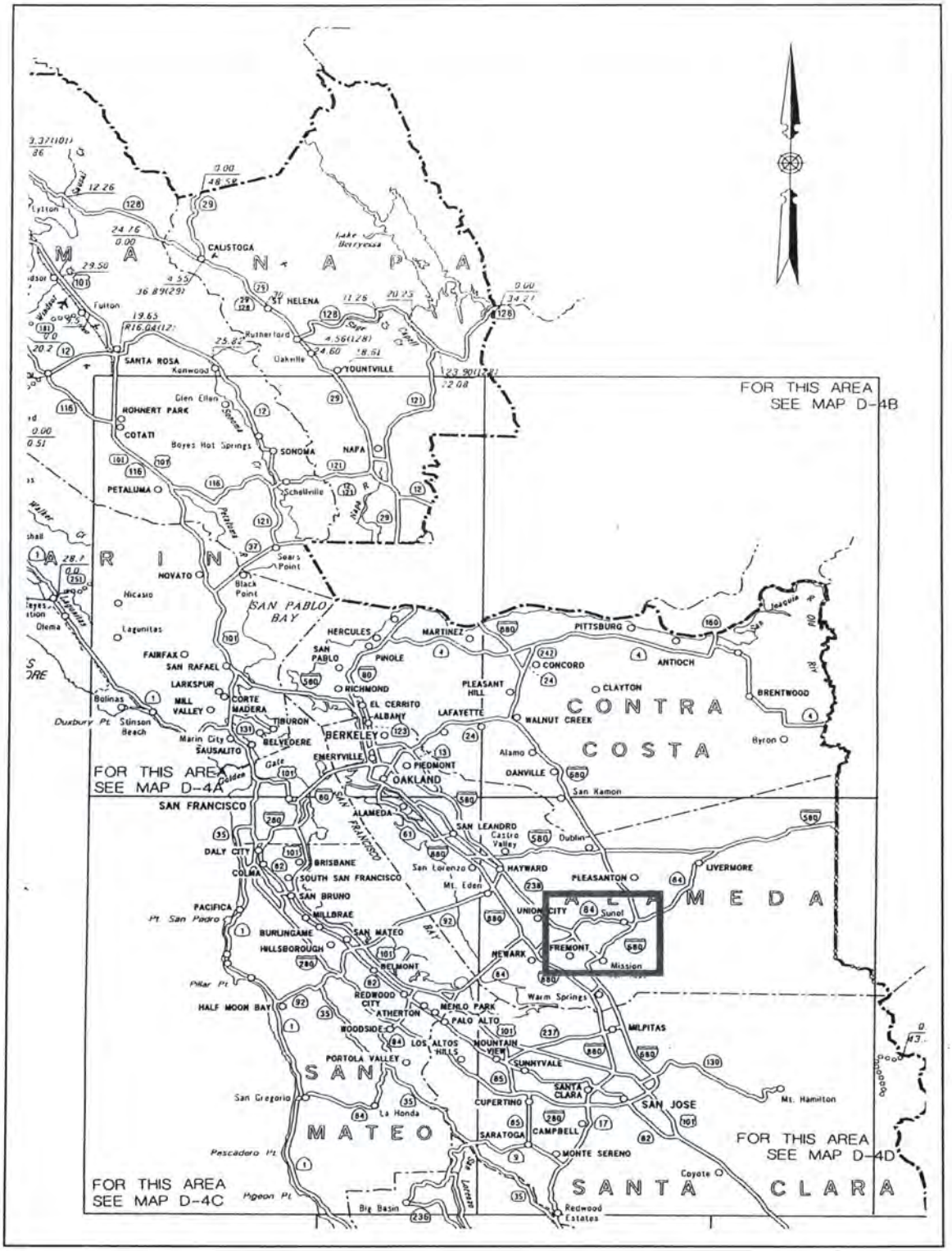


FIGURE 1: PROJECT VICINITY MAP

b

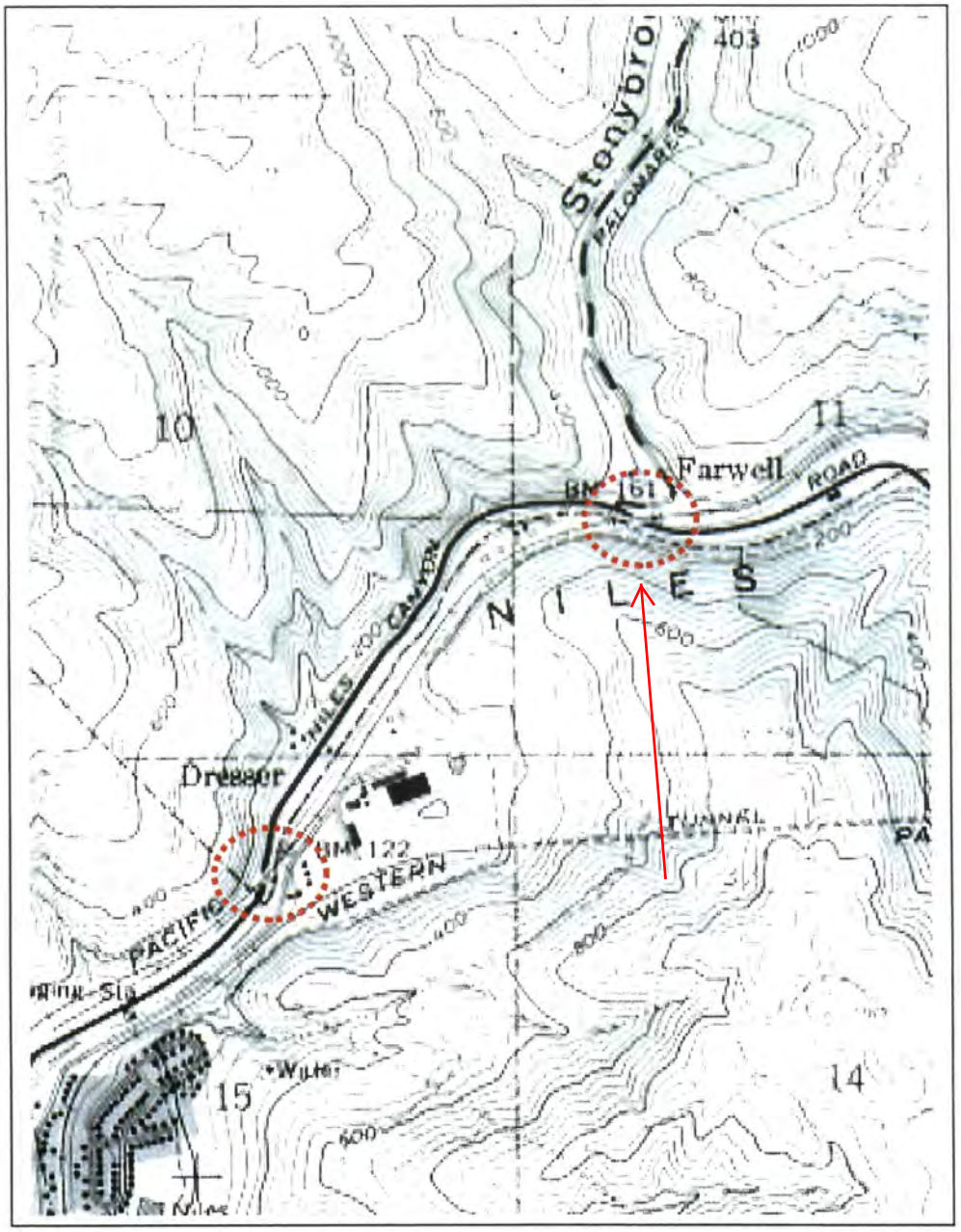


Figure 3: USGS map: Niles Quadrangle. 1962, photorevised 1980. The dotted red circles indicate the location of Dresser Railroad Bridge and Farwell Railroad Bridge.

b

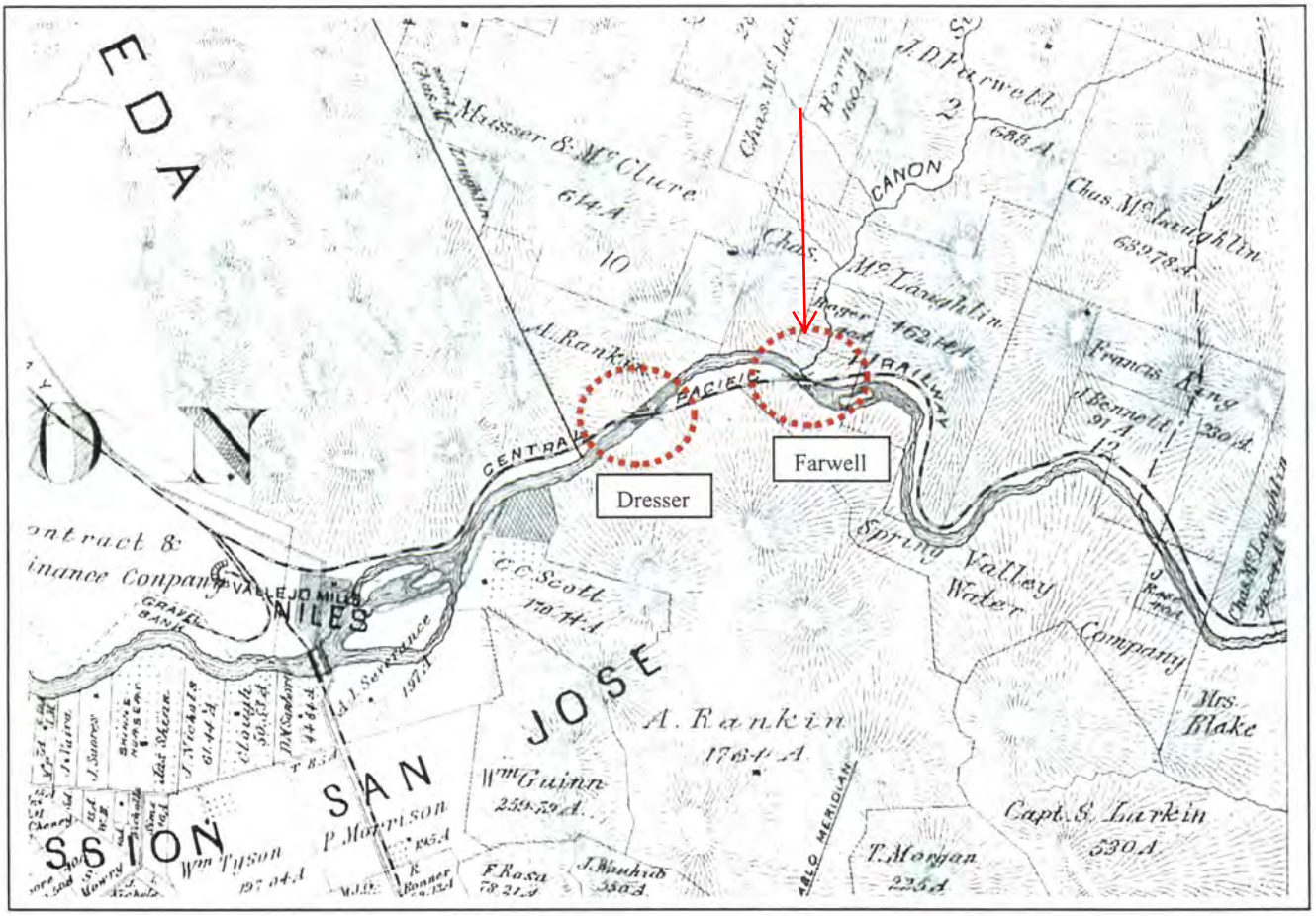


Figure 4: Portion of a map published in Thompson and West's Historical Atlas of Alameda County, California, Illustrated, 1878. The dotted red circles indicate the location of the Dresser and Farwell Railroad Bridges.

b

~~P-01-002190~~
~~CA-ALA-582H~~

Historical Significance - State Bridges

Alameda County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
33 0002	04	EDENVALE UNDERPASS	04-ALA-238-2.19-FMT	5 Not eligible for NRHP	1921	1937
33 0003	04	ALAMEDA CREEK	04-ALA-238-3.46-FMT	5 Not eligible for NRHP	1937	
33 0004	04	NORTH NILES UNDERPASS	04-ALA-238-3.77-FMT	5 Not eligible for NRHP	1937	
33 0005	04	DRY CREEK	04-ALA-238-7.19-UNC	5 Not eligible for NRHP	1929	1969
33 0006	04	SAN LORENZO CREEK	04-ALA-238-13.21-HAY	5 Not eligible for NRHP	1909	1957
33 0007	04	SAN LEANDRO CREEK	04-ALA-580-R34.55-SLN	5 Not eligible for NRHP	1964	
33 0009Z	04	LANDVALE SIDEHILL VIAD	04-ALA-013-R9.55-OAK	5 Not eligible for NRHP	1934	1970
33 0011	04	ARROYO SECO	04-ALA-084-29.52	5 Not eligible for NRHP		1932
33 0012	04	ARROYO POSITAS	04-ALA-580-13.82	5 Not eligible for NRHP	1972	
33 0013	04	COTTONWOOD CREEK	04-ALA-580-15.63	5 Not eligible for NRHP	1972	
33 0014	04	RANCHO DRAIN	04-ALA-580-17.57-PLE	5 Not eligible for NRHP	1970	
33 0015L	04	TASSAJARA CREEK	04-ALA-580-18.32-PLE	5 Not eligible for NRHP	1965	1994
33 0015R	04	TASSAJARA CREEK	04-ALA-580-18.32-PLE	5 Not eligible for NRHP	1965	
33 0015Y	04	TASSAJARA CREEK	04-ALA-580-18.32-PLE	5 Not eligible for NRHP	1965	
33 0016G	04	W580-N&S680 CONNECTOR	04-ALA-580-20.56-PLE	5 Not eligible for NRHP	1965	1989
33 0016L	04	ALAMO CANAL	04-ALA-580-20.56-PLE	5 Not eligible for NRHP	1952	1996
33 0016R	04	ALAMO CANAL	04-ALA-580-20.56-PLE	5 Not eligible for NRHP	1952	1965
33 0020	04	POWELL STREET UC	04-ALA-080-3.79-EMV	5 Not eligible for NRHP	1954	1968
33 0023	04	UNIVERSITY AVENUE OC	04-ALA-080-5.82-BER	5 Not eligible for NRHP	1939	1956
33 0024	04	SOUTH NILES UNDERPASS	04-ALA-238-3.40-FMT	5 Not eligible for NRHP	1937	
33 0024W	04	SOUTH NILES UP PP	04-ALA-238-3.41-FMT	5 Not eligible for NRHP	1937	
33 0025	04	SFOBB EAST BAY	04-ALA-080-1.15-OAK	1 Br on Natl Reg Hist Pl	1936	1962
33 0026L	04	GREENVILLE ROAD UC	04-ALA-580-R8.29	5 Not eligible for NRHP	1969	
33 0026R	04	GREENVILLE ROAD UC	04-ALA-580-R8.29	5 Not eligible for NRHP	1969	
33 0027	04	FIFTH AVENUE OVERHEAD	04-ALA-880-30.38-OAK	5 Not eligible for NRHP	1948	1963
33 0028M	04	FIBREBOARD UC	04-ALA-080-3.96-EMV	5 Not eligible for NRHP	1954	1968
33 0030	04	EAST NILES UNDERPASS	04-ALA-084-10.71-FMT	5 Not eligible for NRHP	1937	
33 0034	04	ROSEWARNES UNDERPASS	04-ALA-084-12.10-FMT	5 Not eligible for NRHP	1906	
33 0035	04	FARWELL UNDERPASS	04-ALA-084-13.03	5 Not eligible for NRHP	1932	
33 0036	04	ALAMEDA CREEK	04-ALA-084-13.33	5 Not eligible for NRHP	1928	
33 0039	04	ALAMEDA CREEK BRIDGE/OH	04-ALA-084-14.32	5 Not eligible for NRHP	1947	
33 0040L	04	HIGH STREET SEP & OH	04-ALA-880-27.63-OAK	5 Not eligible for NRHP	1950	1963
33 0040R	04	HIGH STREET SEP & OH	04-ALA-880-27.63-OAK	5 Not eligible for NRHP	1950	1963
33 0041	04	FRUITVALE AVENUE OH	04-ALA-880-28.24-OAK	5 Not eligible for NRHP	1948	1963
33 0042	04	SILVER SPRINGS UP	04-ALA-084-16.93	5 Not eligible for NRHP	1941	
33 0042W	04	SILVER SPRINGS OC PP	04-ALA-084-16.96	5 Not eligible for NRHP	1941	
33 0043	04	ARROYO DE LA LAGUNA	04-ALA-084-17.22	5 Not eligible for NRHP	1939	
33 0046Y	04	ARROYO DE LA LAGUNA	04-ALA-680-14.10	5 Not eligible for NRHP	1941	1983
33 0047	04	ALAMEDA CREEK	04-ALA-680-R10.15	5 Not eligible for NRHP	1927	1990
33 0049	04	ARROYO DEL VALLE	04-ALA-084-24.45	5 Not eligible for NRHP	1940	
33 0050	04	ARROYO MOCHO	04-ALA-084-26.61-LVMR	5 Not eligible for NRHP	1939	1968
33 0051L	04	EL CERRITO SEP & OH	04-ALA-080-7.20-ALB	5 Not eligible for NRHP	1960	1997
33 0051R	04	80/580 EL CERRITO SEP OH	04-ALA-080-7.20-ALB	5 Not eligible for NRHP	1999	
33 0053	04	NILES JUNCTION UNDERPASS	04-ALA-084-10.63-FMT	5 Not eligible for NRHP	1937	



Figure 17: Farwell Bridge, looking east. This abutment was built in 1932, the same year this span was replaced. Portions of the original 1865 stone abutment are about 14 feet east of the newer abutment.
October, 2003.



Figure 18: 1896 Farwell Bridge structure, looking west. October, 2003.

b



Figure 19: Farwell Bridge truss, looking southwest. October, 2003.



Figure 20: 1896 Farwell Bridge structure, supported by original 1865 stone pier. October, 2003.

b



Figure 21: Farwell Bridge truss ends supported by 1896 additional pier. October, 2003.



Figure 22: 1896 Farwell Bridge structure, supported by original 1865 stone pier. October, 2003.

b

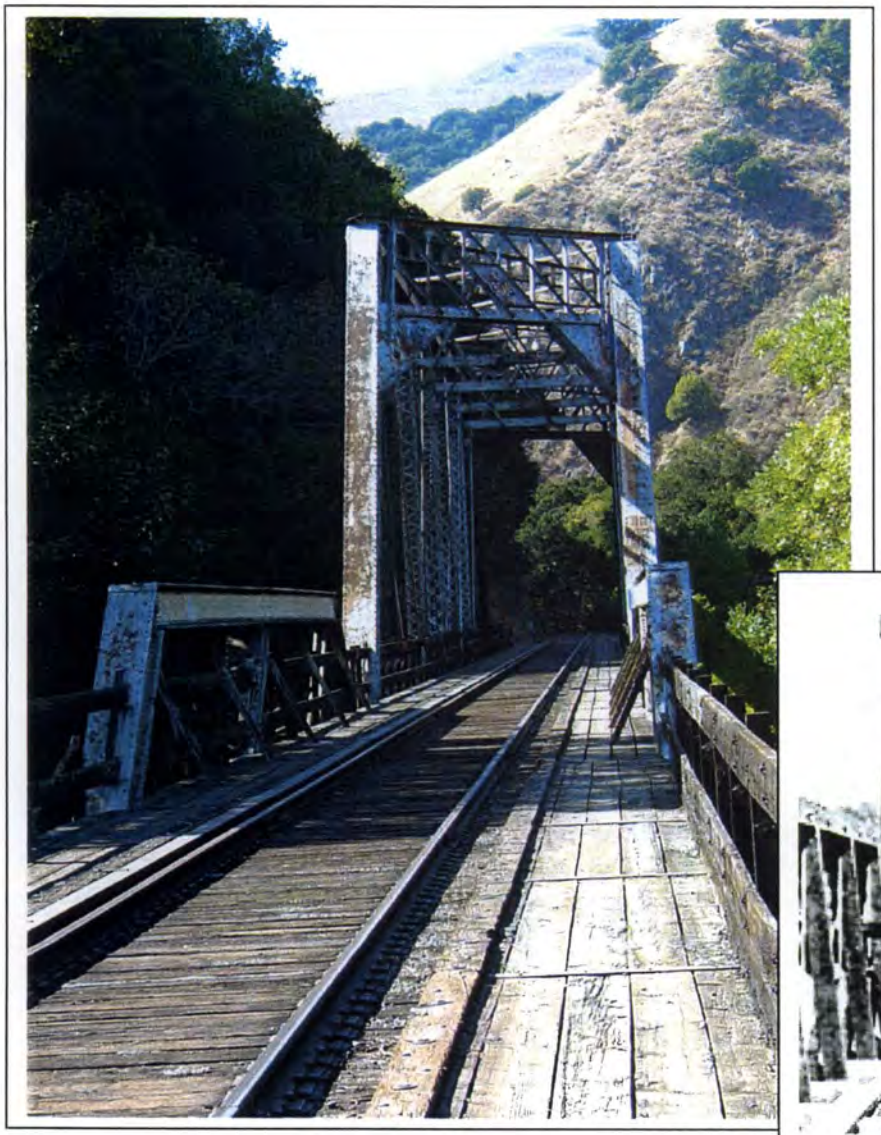




Figure 23: Left: Farwell Bridge. October, 2003.

Figure 24: Below: Farwell Bridge under construction, 1865. From the Clyde Arbuckle Collection.

b

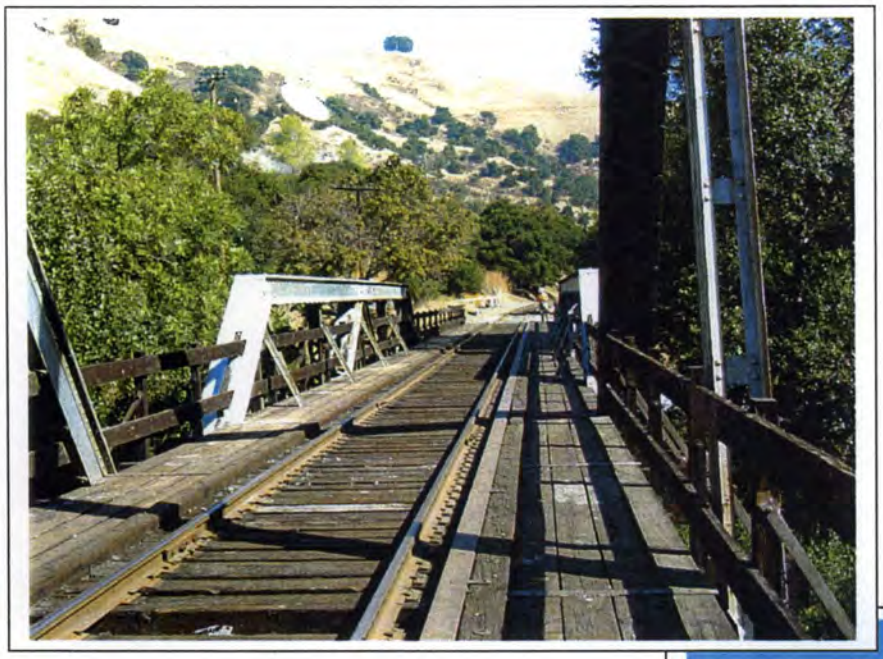


Figure 25: Farwell Bridge, looking northeast. October, 2003.

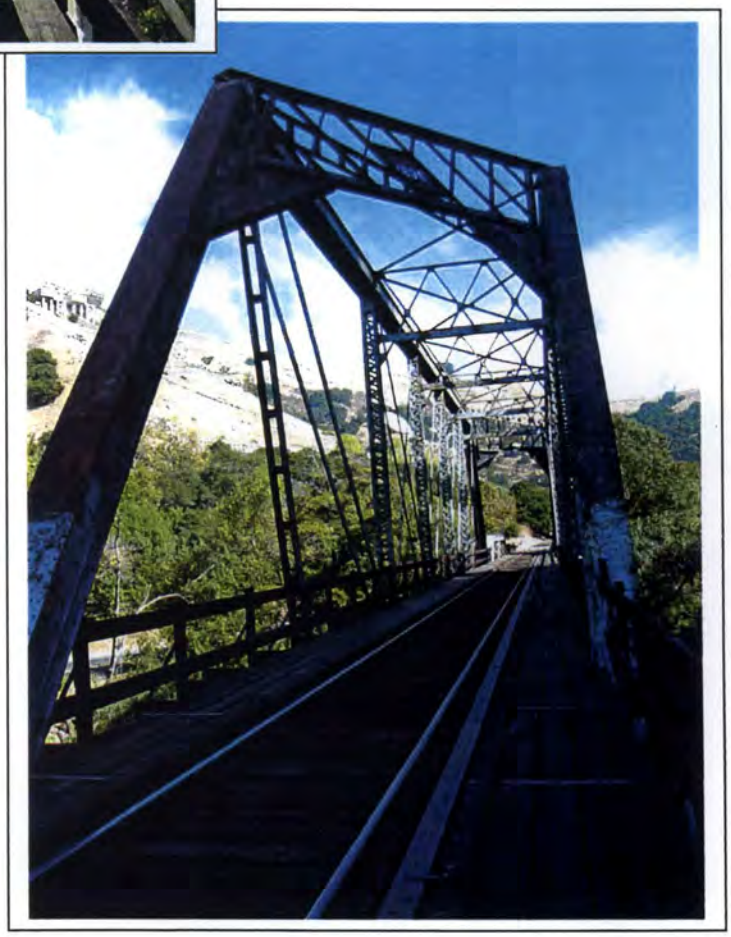


Figure 26: 1896 Farwell Bridge, looking southwest. October, 2003.

b



Figure 27: Farwell Bridge in the distance. This photograph was likely taken after 1869, when, at the time of the completion of this railroad line, the bridges built four years earlier were likely covered. Clyde Arbuckle Collection.

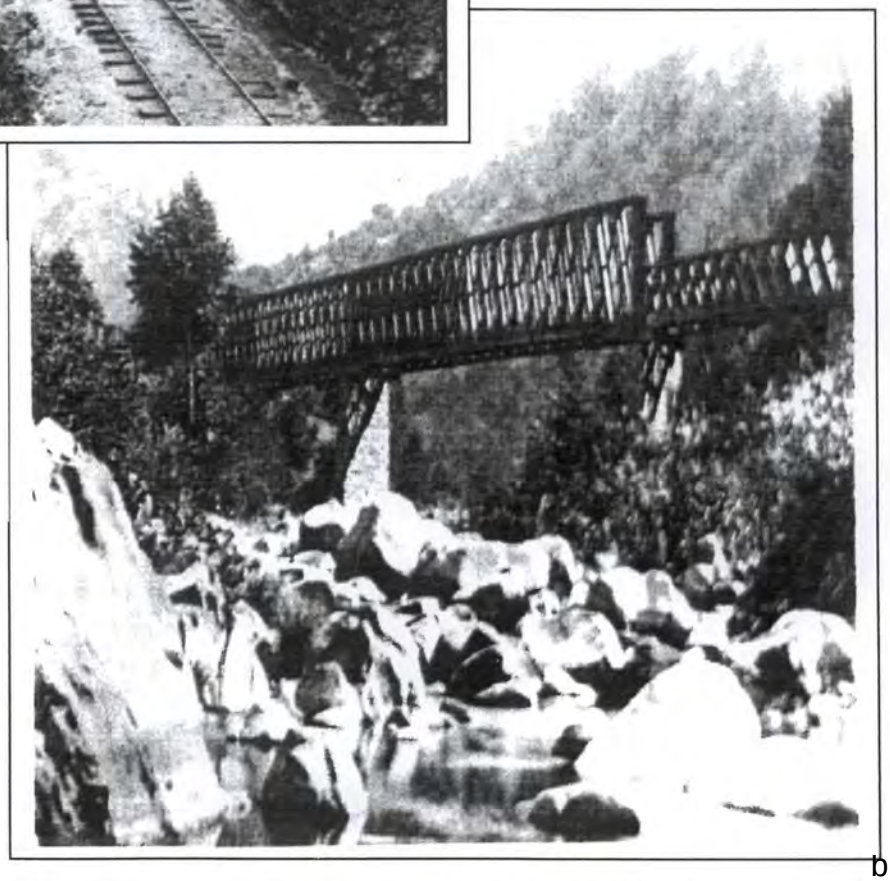


Figure 28: Farwell Bridge, October 2, 1866. Clyde Arbuckle Collection.

b

092540
DOE-01-94-0009-0000

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary # P-01-008189
HRI # DOE-01-94-0009-0000
Trinomial
NRHP Status Code ~~6Z~~ 6Y2

Page 1 of 5

Other Listings
Review Code _____ Reviewer _____ Date _____

P1. Resource Identifier: Farwell Underpass (Bridge #33-0035)

P2. Location: **a. County** Alameda **and** (Address and/or UTM coordinates. Attach Location Map as Required.)

b. Address N/A **Zip** N/A
City Niles (vicinity)

c. UTM: USGS Quad Niles (7.5') **Date** 1961 ('80) ; **Zone** 10 , 593040 **mE/** 4161510 **mN**

d. Other Locational Data (e.g. parcel #, legal description, directions to resource, additional UTMs, etc. when appropriate):

Railroad bridge over State Route 84, just east of Palomares Road (post mile 13.03)

P3. Description (Describe the resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries):

The Farwell Underpass is a five-span structure which carries a single railroad track over State Route 84 and Alameda Creek. The highway is spanned by a steel girder deck structure 21 meters (69') long, with a concrete abutment and retaining wall at its east end and a stone pier at its west end. Extending west from the pier is a Warren pony truss approximately 23 m (75') long, followed by a Pratt half-hip through truss, approximately 50 m (165') long, which spans the creek. The pier between the two truss spans is concrete or concrete-faced stone. Because the piers are not perpendicular to the trusses, the two truss frames which make up the creek span are offset, so that corresponding end panels are of different lengths. The trusses are made up of solid and lattice-braced members with riveted and pinned connections. At the west end of the bridge are two short steel girder deck spans, each less than 10 m (32') in length, supported by piers and an abutment that are either concrete or concrete-faced stone. A metal plaque attached to the bridge lists the builder (American Bridge Company) and date (1906).

P4. Resources present: ___Building _X_Structure ___Object ___Site ___District ___Element of District



P6. Date Constructed/Age:
__Prehistoric _X_Historic __Both
1906

P7. Owner and Address:
Alameda County
1221 Oak Street
Oakland, California

P8. Recorded by (Name, affiliation, add.):
Andrew Hope, Caltrans Dist. 4
111 Grand Avenue
Oakland, CA 94623

P9. Date Recorded: May 1994

P10. Type of Survey: _X_ Intensive
__ Reconnaissance __ Other
Describe: Bridge Evaluation

P11. Report Citation (Provide full citation or enter "none"): none

Attachments: __ NONE _X_ Map Sheet _X_ Contin. Sheet _X_ Bldg., Str. & Object Record __ Linear Resource Rec.
__ Archaeological Record __ District Rec. __ Milling Station Rec. __ Rock Art Rec. __ Artifact Rec. __ Photo Rec.
__ Other (List):

a

DPR 523A-Test (12/93)

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

BUILDING, STRUCTURE AND OBJECT RECORD

Primary # P-01-008189
HRI # DOE-01-94-0009-0000

B1. Resource Identifier: Farwell Underpass (Bridge #33-0035)
B2. Historic Name: N/A
B3. Common Name: Farwell Underpass
B4. Address: State Route 84, just east of Palomares Road
City: Niles (vicinity) **County:** Alameda **Zip:** N/A
B5. Zoning: _____ B6. Threats: Seismic retrofit project
B7. Architectural Style: Steel Railroad Bridge (plate girder, Warren pony truss and Pratt half-hip through truss spans)
B8. Alterations and Date(s):

Caltrans' "Log of Bridges on State Highways" lists this bridge as having been constructed in 1932. It may be that the plate-girder span over the highway was replaced or enlarged at that time. The facing of stone piers and abutments with concrete may have also occurred at that time.

B9. Moved? X No __ Yes __ Unknown Date: _____ Original Location: _____
B10. Related Features:

none

B11. Architect: unknown Builder: American Bridge Company
B12. Historic Attributes (List attributes and codes): HP19 - Railroad Bridge

B13. Significance: Theme: _____ Area: _____
Period of Significance: _____ Property Type: _____ Applicable Criteria: _____
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

This steel truss bridge, fabricated by the American Bridge Company for the Southern Pacific Railroad, does not meet the criteria for inclusion in the National Register of Historic Places. It is not significant for its age or size and does not possess significant artistic or aesthetic values. At approximately 50 meters (165'), the main span approaches the normal upper limit for the use of a Pratt half-hip truss. However, the overall design of this multi-span structure evidences a conservative approach to a routine engineering problem.

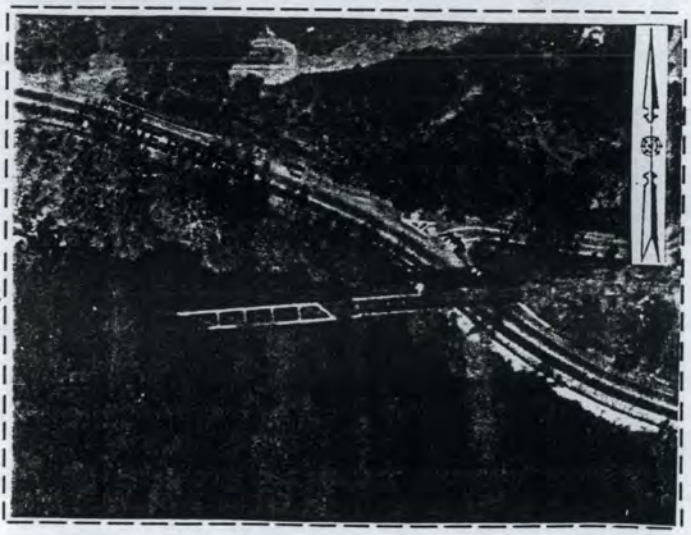
The railroad line through Niles Valley is the original route of the Transcontinental Railroad from Sacramento to Niles, where it then turned north to Oakland. However, this bridge is not associated with the initial period of the Transcontinental Railroad, as it was constructed in 1906 as a replacement for an earlier crossing of Alameda Creek at this location. By the time of its construction in 1906, there were several alternative routes by rail to the Bay Area. The American Bridge Company dominated metal truss bridge manufacturing in the first decades of the twentieth century, and built many railroad and highway bridges in California during this period. In addition, this bridge is not associated with significant persons or events in local or regional history.

B14. References:

Field survey, April & May 1994
"Historic Truss Bridges in California."
Caltrans statewide bridge survey, 1985
"Log of Bridges on State Highways."
Caltrans - District 4, 1992
Trusses: A Study by the Historic American Engineering Record (chart), 1976
County property tax records

B15. Evaluator: Andrew Hope, Caltrans District 4
Date of Evaluation: May 1994

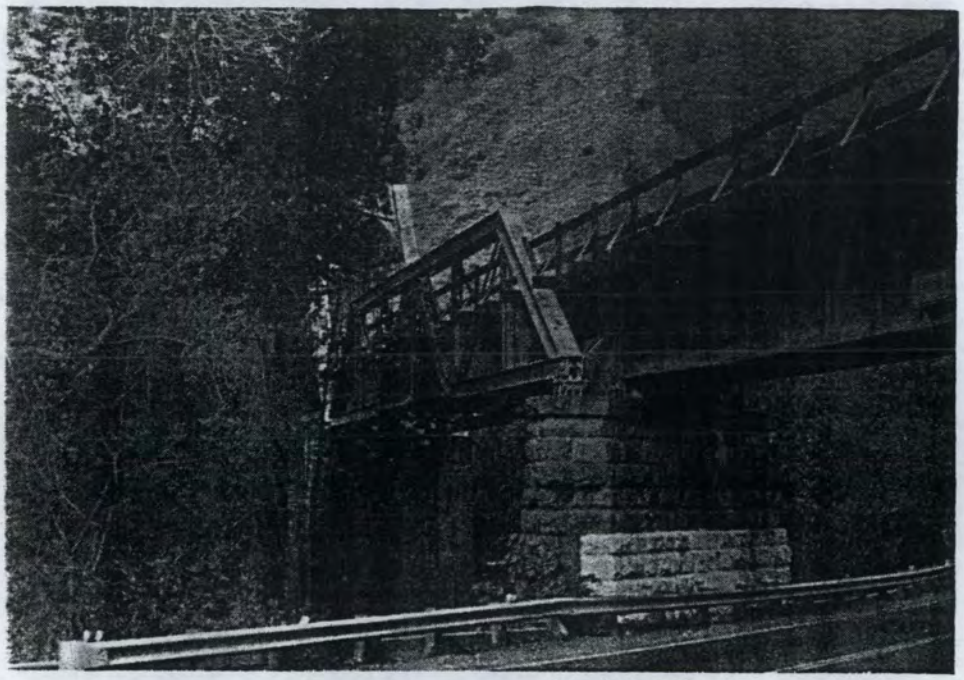
(This space reserved for official comments.)



a



Farwell Underpass (May 1994)
View along railroad tracks - looking southwest



Farwell Underpass (April 1994)
Plate-girder span over roadway and pony truss span - looking west

a

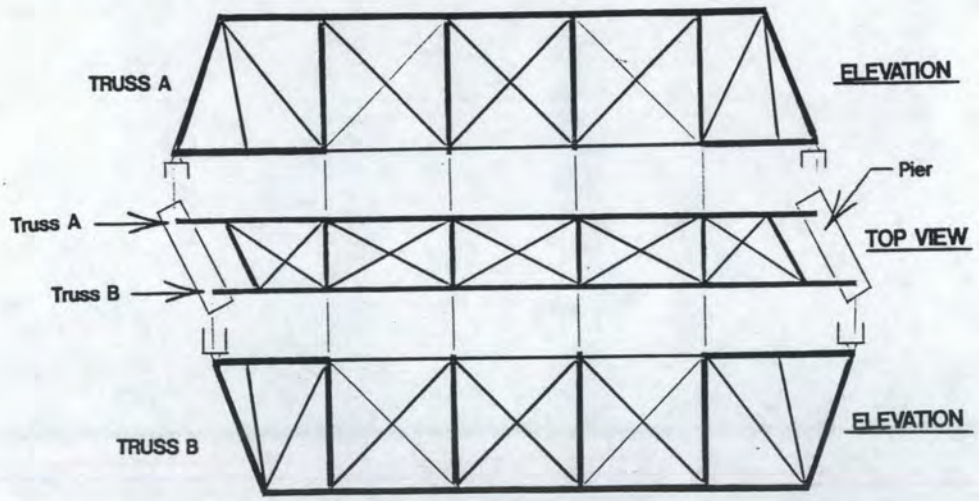
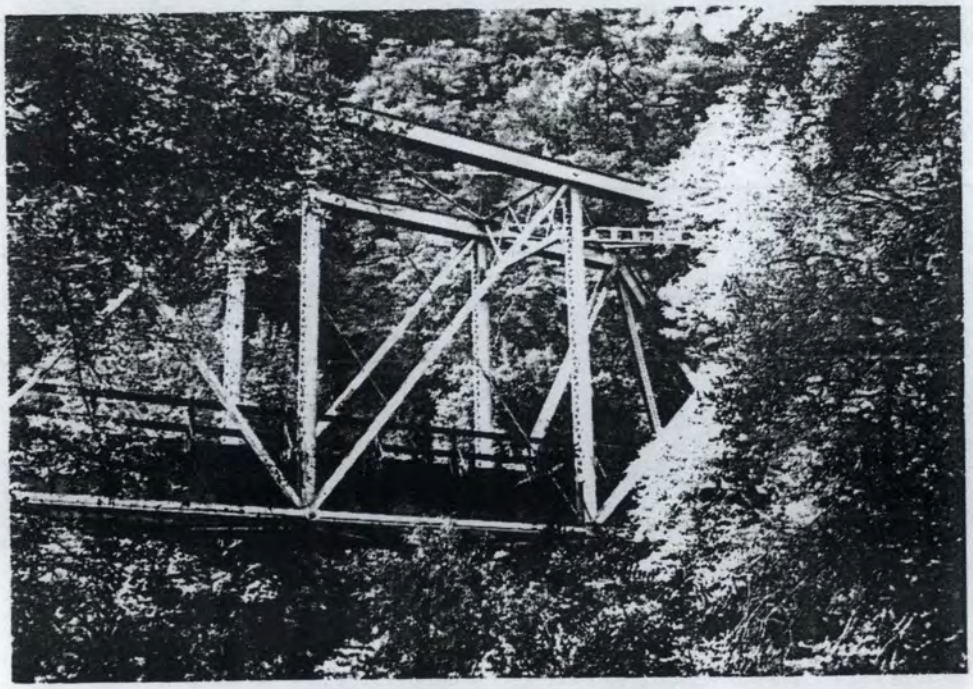


Diagram of Pratt half-hip through truss spanning Alameda Creek
(The truss could not be photographed in its entirety because of the densely wooded site.)



Farwell Underpass (May 1994)
Detail of Pratt half-hip through truss span - looking south

a

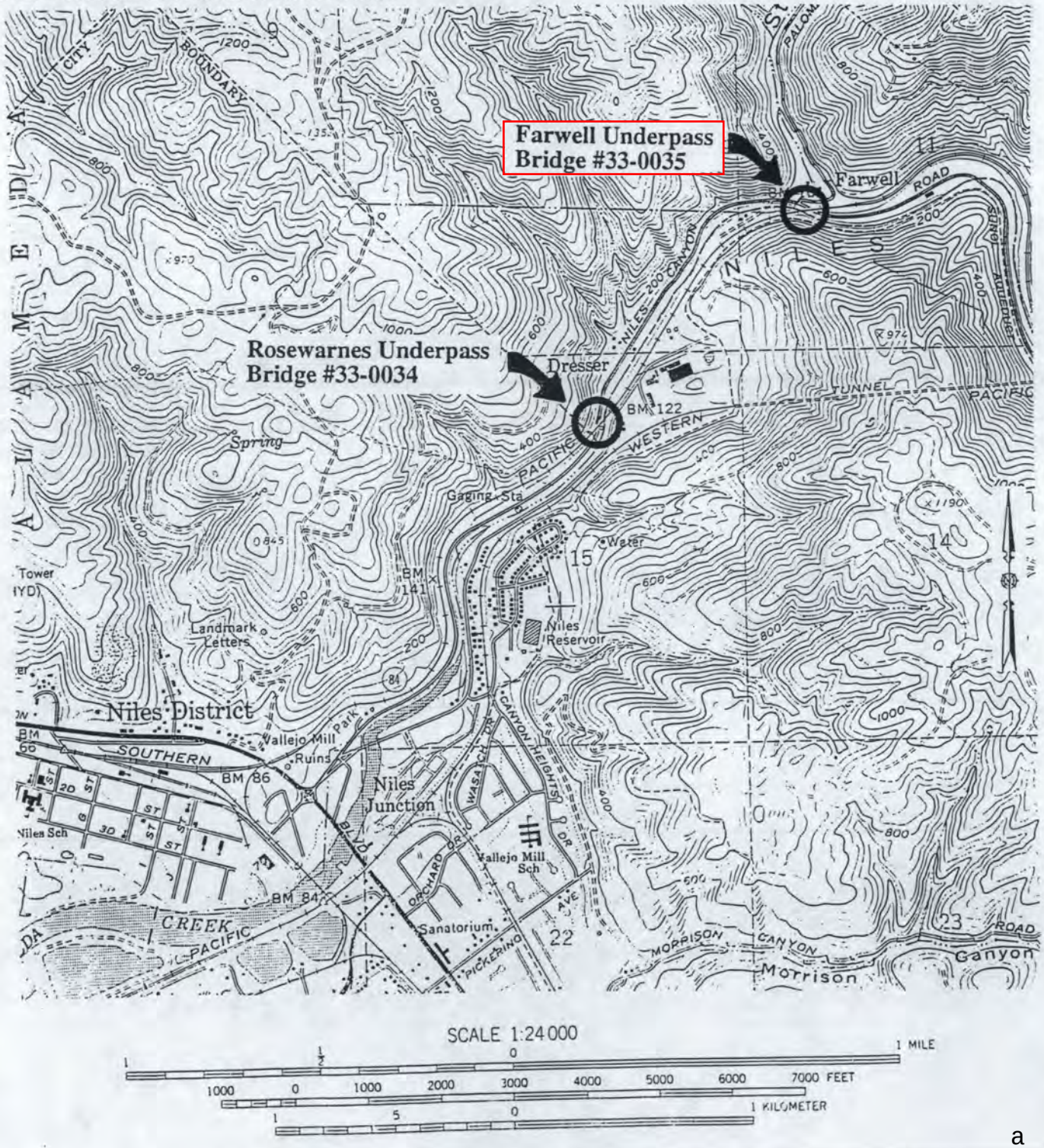
State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary # P-01-008189
HRI #/Trinomial DOE-01-94-0009-0000

MAP SHEET

Resource Identifier: Farwell Underpass (Bridge #33-0035)
Map Name: USGS - Niles Scale: 1 : 24 000 Date: 1961 (Rev. 1980)

NOTE: Include bar scale and north arrow on map.



a

P-01-011357

METADATA SHEET

P-01-001783

A mapped segment of this resource was removed from the GIS maps on 8/18/14. There was no record of this segment in the primary records for P-01-001783.

A District Record for the Niles Canyon Railroad has been completed for this location.

Please see the following Primary Number for this resource:

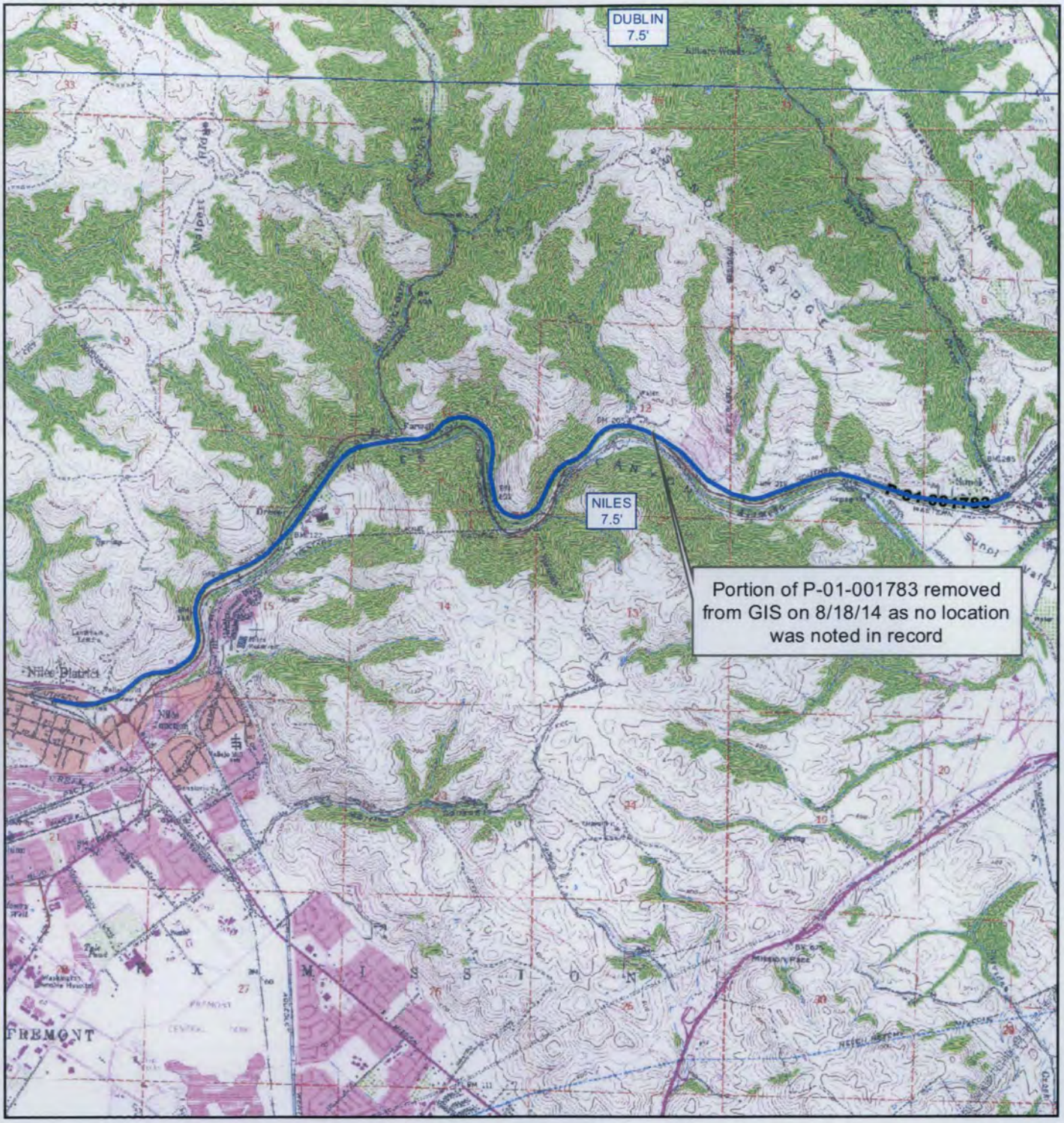
P-01-011357

Date: 8/18/14

NWIC Staff: Lisa Hagel

d

P-01-001783



Northwest Information Center

May depict confidential cultural resource locations.
Do not distribute.

Feet
0 1,300 2,600 3,900 5,200
0 260 520 780 1,040 1,300
Meters

N

Resources (lines) Quad outlines
County outlines

METADATA SHEET

P-01-011357

A District Record had been mistakenly added as a supplement to the primary record for the Western Pacific Railroad, P-01-002190. It was also incorrectly mapped in GIS. It has now been separated out and given its' own Primary Number as a District (Niles Canyon Railroad District) and remapped to match the description and location stated in the record.

Two records were included with the district record for elements of the district. These have now been given individual primary numbers.

Please see the individual Primary Numbers for these resources:

** P-01-008189

P-01-008190

Date: August 3, 2012

NWIC Staff: *Annette Neal*

C

PROPERTY-NUMBER	PRIMARY-#	STREET.ADDRESS.....	NAMES.....	CITY.NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
							PROJ.REVW.	BUR050125A	03/16/05	2S2	AC
135919		MIDWAY RD	BRIDGE #33-0195 / MIDWAY ROAD UNDE	(VIC) LIVERMORE	S	1953	HIST.RES.	DOE-01-02-0030-0000	05/30/02	6Y	
							PROJ.REVW.	FHWA020415A	05/30/02	6Y	
183198		36614 BONNIE ST		NEWARK	P		PROJ.REVW.	HUD110701L	07/07/11	6Y	
065834	01-005784	36328 CEDAR BLVD	SERRA HOMES REHABILITATION	NEWARK	U		PROJ.REVW.	HUD890426A	05/25/89	6Y	
010529	01-003613	7200 CENTRAL AVE	CALIFORNIA SALT CO, LESLIE SALT CO	NEWARK	P	1900	HIST.SURV.	4560-0008-0000		7N	
069281	01-005920	5453 JARVIS AVE	G.W.PATTERSON HOUSE	NEWARK	U		PROJ.REVW.	HUD830711AJ	06/30/81	3S	BC
							PROJ.REVW.	65000957	08/20/81	2S	
185027		5739 PARKSIDE PL		NEWARK	P		PROJ.REVW.	HUD101129H	12/08/10	6Y	
183801		36635 RUSCHIN DR		NEWARK	P		PROJ.REVW.	HUD110720B	07/22/11	6Y	
010528	01-003612	SR 84	BR. 33-279	NEWARK	S	1926	HIST.SURV.	4560-0007-0000		7R	
010522	01-003606	SR 84	BR. 33-210	NEWARK	S	1926	PROJ.REVW.	BLM921130R	11/30/92	7J	
							HIST.SURV.	4560-0001-0000		7R	
010523	01-003607	SR 84	BRIDGE #33-205	NEWARK	S	1926	HIST.SURV.	4560-0002-0000		7R	
010527	01-003611	SR 84	BR. 33-209	NEWARK	S	1926	HIST.SURV.	4560-0006-0000		7R	
010524	01-003608	SR 84	BR. 33-206	NEWARK	S	1926	HIST.SURV.	4560-0003-0000		7R	
010526	01-003610	SR 84	BR. 33-208	NEWARK	S	1926	HIST.SURV.	4560-0005-0000		7R	
010525	01-003609	SR 84	BR. 33-207	NEWARK	S	1926	HIST.SURV.	4560-0004-0000		7R	
010530	01-003614	SYCAMORE AVE	NEWARK RAILROAD COMPLEX	NEWARK	P	1876	PROJ.REVW.	BLM921130I	11/30/92	7K	
							HIST.SURV.	4560-0009-9999		3D	
010531	01-003615	36507 SYCAMORE ST		NEWARK	P	1920	HIST.SURV.	4560-0010-0000		7R	
066704	01-005817	36507 SYCAMORE ST	SYCAMORE STREET WIDENING	NEWARK	U		HIST.RES.	DOE-01-88-0019-0000	07/06/88	6Y	
							PROJ.REVW.	FHWA880615A	07/06/88	6Y	
092541	01-008190		ROSEWARNES UNDERPASS BRIDGE, BRIDG	NILES	C	1906	HIST.RES.	DOE-01-94-0008-0000	10/30/94	6Y	
							PROJ.REVW.	FHWA940805C	10/30/94	6Y	
092540	01-008189		FARWELL UNDERPASS BRIDGE, BRIDGE #	NILES	C	1906	HIST.RES.	DOE-01-94-0009-0000	10/30/94	6Y	
							PROJ.REVW.	FHWA940805D	10/30/94	6Y	
153020			NILES CANYON RAILROAD AND CONTRIBU	(VIC) NILES	M	1865	HIST.RES.	NPS-10000843-9999	10/13/10	1S	A
							NAT.REG.	01-0090	09/22/09	3S	A
							PROJ.REVW.	FHWA041116A	11/29/04	2S2	AC
153021			VALLEJO'S AQUEDUCT AND NILES DAM	(VIC) NILES	M	1841	PROJ.REVW.	FHWA041116A	11/29/04	2S2	CD
113401	01-009998		WPRR OAKLAND MOLE	OAKLAND	M	1909	HIST.RES.	DOE-01-97-0049-0000	01/06/98	6Y	
							PROJ.REVW.	COE970808A	01/06/98	6Y	
113402	01-009999		PORT OF OAKLAND - NORTH JETTY	OAKLAND	M	1874	HIST.RES.	DOE-01-97-0050-0000	01/06/98	2S2	AC
							PROJ.REVW.	COE970808A	01/06/97	2S2	AC
115871	01-010164		BUILDING 111 - GARAGE OFFICE - NAV	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0040-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	
113860	01-010088		POSEY TUBE	OAKLAND	S	1928	HIST.RES.	DOE-01-97-0052-0000	01/15/98	2S2	AC
							PROJ.REVW.	FHWA971210A	01/15/98	2S2	AC
115870	01-010163		BUILDING 110 - PUBLIC WORKS STORAG	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0039-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	
115869	01-010162		BUILDING 107 - NAVAL MEDICAL CENTE	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0038-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	
115867	01-010161		BUILDING 103 - BOWLING ALLEY - NAV	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0037-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	
115864	01-010160		BUILDING 102 - OCCUPATIONAL THERAP	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0036-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	
115859	01-010159		BUILDING 101 - ADMINISTRATION BUIL	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0035-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	
115858	01-010158		BUILDING #85 - NAVAL MEDICAL CENTE	OAKLAND	F	1942	HIST.RES.	DOE-01-94-0034-0000	05/31/94	6Y	
							PROJ.REVW.	USN940228A	05/31/94	6Y	

P-01-011357

b

b

METADATA SHEET

P-01-011357

This District Record had been mistakenly added as a supplement to the primary record for the Western Pacific Railroad, P-01-002190. It was also incorrectly mapped in GIS. It has now been separated out and given its' own Primary Number as a District (Niles Canyon Railroad District) and remapped to match the description and location stated in the record. There were two bridges evaluated as elements of this district that are also part of and included as a supplement (p1 & p2) of the Western Pacific Railroad (P-01-002190).

Date: July 18, 2011

NWIC Staff: *Annette Neal*

State of California —The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

DISTRICT RECORD

Primary # P-01-011357
HRI # NPS-10000843-9999
Trinomial

Page 1 of ____

*NRHP Status Code 2S4

*Resource Name or # (Assigned by recorder) Niles Canyon Railroad

D1. Historic Name: ~~Western Pacific~~/Southern Pacific Railroad – Alameda Canyon Line

D2. Common Name: Niles Canyon Railroad

***D3. Detailed Description**

The Niles Canyon Railroad winds through the narrow gorge of Niles Canyon. It roughly parallels a portion of State Highway 84; Alameda Creek and its associated riparian habitat; a newer rail line, the Western Pacific (completed in 1909, not to be confused with the 1865 Western Pacific); the San Francisco Public Utility District's aqueduct carrying water from Hetch-Hetchy dam, across the bay and into reservoirs; and a second water-conveyance system, abandoned in 1900.

Although the rails and ties have been replaced in kind, for maintenance reasons, since the period of significance (1865-1912), the railroad bed, the two railroad bridge substructures and superstructures, and a dry-masonry culvert are still extant. This report focuses on the integrity of two primary contributing elements of Niles Canyon Railroad: Dresser and Farwell Railroad Bridges. Because the Niles Canyon Safety Project intersects the railroad only at the two bridges, the Area of Potential Effect excludes all other features of the railroad.

~~See continuation sheet, page 10.~~

***D4. Boundary Description:**

The boundary of this resource is the leg of the railroad that runs through Niles Canyon, from the Sunol Railroad Station on the eastern end, to the Niles Railroad Station, on the western end of the canyon. The total length is approximately six miles. The boundary is confined to the rails, railroad bed, associated bridges, culverts, and all other structural components of the line.

***D5. Boundary Justification:**

This boundary was determined by both geographical and historical characteristics. Niles Canyon is a rugged, winding gorge that runs east/west, and contains the Alameda Creek. The approximately six mile long narrow canyon contains little development today, nor did it historically. As part of the original Transcontinental railroad, the Niles Canyon line was the first to connect the San Francisco Bay Area to the Central Valley and points east. At each end of the canyon is a small town; Sunol on the east end and Niles on the west, both of which have railroad stations dating from the period of significance. While there were stops in the canyon, including at Dresser and Farwell Bridges, there were no stations in the canyon. This railroad branch line is currently owned by Alameda county and run by the Pacific Locomotive Association, a non-profit railroad history and preservation group that runs a twice-monthly excursion ride using historic rolling stock.

D6. **Significance: Theme** Transportation, commerce, settlement, engineering and technological development
Area local and regional **Period of Significance** 1865 - 1912 **Applicable Criteria** A & C

The Niles Canyon railroad is eligible for the National Register of Historic Places, with the Dresser Bridge and the Farwell Bridge as contributing components of the line. This evaluation will establish the significance of the Niles Canyon railroad as an original leg of the Transcontinental Railroad, but only the Dresser Bridge and the Farwell Bridge will be evaluated for their individual integrity.

This rail line is significant on local and regional levels under Criterion A for its association with the transcontinental railroad and associated history of transportation, commerce, and settlement. Subsequent alterations to the line and the bridges within the period of significance (1865-1912) are indicative of changes in use patterns, and reflective of growth of the state in terms of both population and economy. These changes to the line and bridges are significant on a local and regional level; the line today exists in a relatively unaltered setting.

Additionally, the Niles Canyon railroad is significant under Criterion C on local and regional levels for its association with the Transcontinental Railroad, and as an example of the progression of technological development in railroad bridge construction. Subsequent alterations to the line and the bridges within the period of significance (1865-1912) are indicative of advances in bridge construction technology, undertaken to facilitate increased use and load. Characteristic is the retention of elements of the original structure as well as the addition of components to accommodate changing needs and incorporate advances in technology.

***D7. References:** See continuation sheet, pg. 15

***D8. Evaluator:** Meg Scantlebury **Date:** July 2004

Affiliation and Address: Caltrans District 4, 1111 Grand Avenue, Oakland, CA

5-31996 a

10. Significance

The Niles Canyon railroad is eligible for the National Register of Historic Places, with the Dresser Bridge and the Farwell Bridge as a contributing components of the line. This evaluation will establish the significance of the Niles Canyon railroad as an original leg of the Transcontinental Railroad, but only the Dresser Bridge and the Farwell Bridge will be evaluated for their individual integrity.

This rail line is significant on local and regional levels under Criterion A for its association with the Transcontinental Railroad and associated history of transportation, commerce, and settlement. Subsequent alterations to the line and the bridges within the period of significance (1865-1912) are indicative of changes in use patterns, and reflective of growth of the state in terms of both population and economy. These changes to the line and bridges are significant on a local and regional level; the line today exists in a relatively unaltered setting.

Niles Canyon railroad is not eligible under Criterion B, for its association with the lives of persons significant in our past. Although it can be considered associated with the "Big Four" of the Southern Pacific Railroad, Leland Stanford, Mark Hopkins, Collis P. Huntington, and Charles Crocker, this line was not initiated by them as an original portion of the Transcontinental railroad. Because there are many resources associated with these men, and the Niles Canyon line of the railroad was only a minor railroad branch and had only a limited association with the Transcontinental railroad, it is not significant under Criterion B in comparison with other properties built by Stanford et al.

The Niles Canyon railroad is significant under Criterion C on local and regional levels for its association with the Transcontinental Railroad, and as an example of the progression of technological development in railroad bridge construction. Subsequent alterations to the line and the bridges within the period of significance (1865-1906) are indicative of advances in bridge construction technology, undertaken to facilitate increased use and load. Characteristic is the retention of elements of the original structure as well as the addition of components to accommodate changing needs and incorporate advances in technology.

Niles Canyon railroad is also not eligible under Criterion D, for it is not likely to yield information important in our history. This railroad and its associated components do not appear to contain any as yet unretrieved data.

Historic Context:

<u>The Transcontinental Railroad</u>

The historical significance of the Transcontinental Railroad, and its impact on the growth and settlement of the Western states has been widely acknowledged, supported by a great deal of research and documentation. An in-depth history of the system is therefore unnecessary for the purpose of this evaluation. The following is a brief discussion of the impact the railroad had on the growth and development of California, and the key players who promoted the railroad's construction, so that its association with the Niles Canyon line can be established.

A motivating factor in the construction of the Transcontinental Railroad was not just to join the East to the West, but the anticipated economic and trade benefit it would yield, even beyond the West coast into the Asian markets. After years of studies and debates in the selection of the route, construction of the railroad finally began in Sacramento on January 8, 1863 and in Omaha on December 2, 1863. But the Civil War sent supply rates soaring, limited available labor, and restricted capital investment. As a result, by February 1864, only 18 miles of rail had been laid in California and none were laid in Omaha until the spring of 1865. This forced the railroads to ask for further assistance from the government, a request which was granted in the form of the Act of 1864, which virtually doubled the resources available to the companies and ensured the project's completion.

Between the years of 1864 and 1869 a total of 1,775 miles of rail were laid to complete the railroad link across the continent. This effort was perhaps the largest single construction project ever undertaken within the country. The task was enormous, both logistically and financially. Construction of the Transcontinental line was fraught with exceptionally difficult obstacles, in particular crossing the Sierra Nevada Mountains, that sorely taxed the technological capabilities of the day.

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The driving of the last spike in 1869 touched off a national celebration, but for the Central Pacific's Big Four – prominent West Coast businessmen, entrepreneurs, and builders of the Central and Southern Pacific Railroads, Leland Stanford, Mark Hopkins, Collis P. Huntington, and Charles Crocker – there was little time to relax. They were in debt, and the expected demand for railroad services had not materialized. The Suez Canal, also completed in 1869, siphoned off Far Eastern trade; Nevada business had declined as the silver mines played out; and California's population was not large or prosperous enough to provide a market for the railroad. The Big Four had built ahead of the frontier, so they used the railroad to open the West to settlement and thus to build their own markets.

Through a huge public relations campaign, Central Pacific (Southern Pacific after 1885) promoted the West and encouraged settlement. The company owned vast tracts of land in California and other Western states through land grants received for railroad construction, and it built new towns on land that the railroad owned. The railroad company promoted California agriculture, taught farmers better farming methods, and sent display trains around the country to attract farmers westward and to create demand for western products. Their *Sunset* magazine lured tourists and settlers with promotional articles proclaiming the state's attractions. They built luxury hotels for wealthy tourists and supported naming Yosemite a national park, all to build California as a major tourist destination and increase its own markets.

The First Niles Canyon Railroad

In 1862 the Pacific Railroad Act granted the Central Pacific the right to build a railroad "from the eastern boundary of California, to the navigable waters of the Sacramento River or to the City of San Francisco."[1] The Big Four were either too distracted with the magnitude of building the line crossing the Sierra Nevada to be concerned with their western connections, or believed that the existing river boat connections were sufficient, and did not make specific plans for the western terminus of the line.

After a great deal of pressure from San Francisco politicians and capitalists, the Central Pacific assigned their rights to build between Sacramento and "the Pacific," to a group of San Francisco capitalists who were currently building the San Francisco and San Jose Railroad (SF&SJ). The group, lead by Judge Timothy Dame, incorporated the new Western Pacific Railroad on December 13, 1862.

The railroad they proposed to build was to be about 120 miles long, running south from Sacramento, through Stockton, then west over the Altamont Pass, across the Livermore Valley (then known as the Almador Valley), to Pleasanton, then continue through Niles Canyon then south to San Jose, where it would meet the San Francisco and San Jose Railroad. This route, seemingly circuitous, was determined to be the most direct by default. Niles Canyon, known then as Alameda Canyon, was the widest passage through the coastal mountains that separated the San Francisco Bay Area from points east. Additionally, the line would incorporate stops at several communities along the way. The only more direct alternative was to construct a line along the unstable terrain of the Suisun-Benicia shoreline and marshland, to the Carquinez Strait, which could then be forded by ferry. Although this route would later prove to take less travel time than the Niles Canyon route, and eventually become the main line, the difficulty in building a heavy structure on the soft marshland eliminated the route during the early planning stages.

Concurrent with the planning of the Western Pacific's San Jose to Sacramento line, another company, the San Francisco & Oakland Railroad, was making plans to connect downtown Oakland with ferries to San Francisco. This line would ultimately become the western terminus of the railroad line through Niles.

In December 1863, the railroad filed papers in Santa Clara County naming Alexander Houston and Charles McLaughlin, who had only recently completed the SF&SJ, as the contractors for the new line. The same papers included the cost of the contract ($5,400,000 for the entire line), the terms of payment (only $480,000 was cash, the remainder was in the form of land grants, county bonds and stock) and finally gave Houston and McLaughlin the first mortgage on the line. Houston and McLaughlin in turn sub-contracted much of the work to the firm of Cox & Arnold, who had also worked on the SF&SJ. In January 1865 construction for the Western Pacific started in San Jose.

The first section of 20 miles was completed in October 1866. It ran from San Jose to Farwell in Niles Canyon.

> Western Pacific Railroad – First Section Completed – Pleasure Excursion –The contractors having completed the first twenty miles of the Western Pacific Railroad from San Jose to Stockton, the Superintendent, B.F.

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> Mann, Esq. tendered an invitation to the citizens of San Jose, and the public generally, to take a free ride over the road, on Tuesday, which invitation, as might have been expected, was extensively accepted... The road passes through a most delightful section of country and appears to be built in a thorough and most substantial manner. The amount of work done in the Alameda canyon is immense. The road winds around through the deep gorge, over huge bridges and viaducts, and amidst scenery at once grand and terrific. When completed, a trip from San Jose to Stockton will present more varied and beautiful scenery than perhaps any other road in the country. The excursion was a splendid express, and was accomplished without accident of any kind.

After the completion of the first section a dispute between the contractors, the sub-contractors, and financiers of the line resulted in a work stoppage. Newspapers reported rumors that the contractors had failed, the sub-contractors had not been paid, and liens had been filed against the company. Over the next two years, the only activity was behind the scenes, when first the financiers, then the contractors sold their interests in the Western Pacific's partially-constructed San Jose to Sacramento line to the Central Pacific Railroad. Among Central Pacific's Big Four, Stanford was the proponent of the purchase, while Huntington and Hopkins were less certain. Ultimately Stanford prevailed, and the line fell into Central Pacific's hands. Stanford became the president of the railroad, and as a result the line was known as the "Governor's Road."

Work resumed on the Western Pacific in early 1869, but this time from the eastern end at Sacramento. With the imminent completion of the Transcontinental line, work, material, and men were shifted to the Western Pacific. On September 8, 1869, four months after the symbolic "last spike" was driven in Promontory, Utah, the line from Sacramento through Niles Canyon to the Alameda Pier was opened.

With the Central Pacific ownership came several changes west of Niles Canyon. First they redirected the line, adding connections first to Alameda, over an expanded San Francisco and Alameda railroad to a San Francisco ferry connection, and later to Oakland, to the site of what would become the Oakland Mole. At the mouth of Niles Canyon they built a new line along the north side of the creek, bypassing one of the large bridges and passing through what would become the town of Niles to meet the old line at a spot named San Jose Junction. They then added a new "cutoff" south from Niles intersecting the original line near Mission San Jose and abandoned the original alignment along the south side of the creek. New "standard" building designs, including larger depots, square water towers, and covered bridges were incorporated.

In 1871, just two years after the completion of the line through Niles Canyon, the Central Pacific began planning for a shorter route, and focused their efforts along the Suisun-Benicia shoreline and the Carquinez Strait. In 1876 they leased the fiscally and physically failing California Pacific Railroad, which included a line from Sacramento to Vallejo. A year later they began integrating a new railroad with the existing line. Construction was difficult, for the heavy rails kept sinking and hundreds of thousands of tons of rock and gravel had to be poured into the unstable marshland before the lines were sufficiently stable. Although it was to continue to require a great deal of maintenance, the line was finally usable, and became the connecting line of the Transcontinental Railroad from Sacramento to Oakland in December of 1879. The rail stopped in Benicia where it was met by the ferry Solano which was designed to carry the trains to Port Costa on the other side of the Carquinez Strait. A line had been built linking Port Costa to Oakland the previous year.

With the loss of the transcontinental passenger trains, the Niles Canyon route initially lost importance, and for about the next 20 years was only a minor line, primarily used by local trains. As a result of accounting issues, Central Pacific was gradually absorbed into the Southern Pacific Railroad Company holdings; by 1885 the Niles Canyon line was officially part of the Southern Pacific Railroad. Other than routine maintenance, few changes or improvements were made during this period. But the coming of the turn of the century found the railroad facing new pressures. The region had developed both industrially and agriculturally, and consequently the railroad was heavily used for transporting goods. Increased freight tonnage strained the carrying capacity of the railroad, and newly-built railroad cars and locomotives were getting larger and heavier. Huntington recognized that, to maintain the viability of the railroad and stay competitive, the infrastructure had to be significantly upgraded.

As a result of these pressures, the Niles Canyon line was heavily rebuilt; new stations were built at Niles, Sunol, and Pleasanton, new signals were added, heavier rail was installed, and minor track realignments were undertaken. The work included replacing the wooden bridges, which were now 30 years old, and likely lacked structural integrity. In 1896 the bridge at Farwell was replaced with a new steel span. Meanwhile, the Big Four were dying off, with Collis P. Huntington the last to go in 1900. With Huntington's death, the railroad passed into the hands of E. H. Harriman, who accelerated upgrades throughout the system.

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Niles Canyon became the primary freight line between San Francisco, Salinas and points south and east. The new traffic patterns were amplified with the construction of the Dumbarton cutoff, which included the first bridge across the San Francisco Bay. At both ends of the canyon, and sporadically along the line, industries and communities grew, as reliable transportation enabled local development. In 1905 a brick works was opened in the canyon. The following year, 1906, the railroad bridge known as Dresser was replaced by a steel structure. Concurrently J.Gould was building a new, competitive branch line through Niles Canyon. The Western Pacific (not to be confused with the Western Pacific of 1862) was built to the modern standards of the day, further inspiring Harriman to aggressively upgrade the infrastructure of the Southern Pacific branch line through Niles Canyon.

Niles and Pleasanton became major shipping points for fruit, flowers and other agricultural goods. New towns were established at Decoto and Sunol. On weekends, city residents crowded the picnic and camp grounds in the canyon. In 1912 a new road was built through the canyon, resulting in a loss of train passenger business. All Southern Pacific passenger service ended in Niles Canyon in 1936. Shipping patterns changed from rail to truck, and, as shipments fell and the road continued to be improved, the line saw less traffic. Finally in 1984, the Southern Pacific closed the Niles Canyon and Dumbarton Bridge tracks. The Niles Canyon line was then sold to Alameda County. Today rail travel in Niles Canyon has resumed on a very limited basis; sightseeing excursions by historic rail cars are offered on the first and third Sunday of each month.

The Bridges:

Three railroad bridges were built in 1865/6 in Niles Canyon, west of Sunol, to accommodate this leg of the Transcontinental Railroad; two are in the APE. These include the Dresser Bridge (resource #1), and the Farwell Bridge (resource #2). The original bridges and stone work were documented in a series of Railroad Commissioner's reports filed with the Secretary of the Interior and signed by U.S. Grant. Eleven bridges between San Jose and Farwell were described in "The Report of the Commissioners on the 1st Section" filed December 10, 1866." Although not specifically named, four bridges are described as "Howe [Truss] Bridges", and would have included the three in Niles Canyon: Dresser, Farwell, as well as another crossing the Alameda Creek near Niles. There is no remaining evidence of this third Niles Canyon bridge.

The bridges ranged in length from 332 to 488 feet and were supported by stone abutments and piers. The Dresser Bridge was 380 feet long, and consisted of two spans of wooden Howe truss (190 feet each). The Farwell Bridge was three spans totaling 488 feet in length. Photographic evidence indicates that the 1865/6 bridges were open trusses that were likely covered in the 1869 construction period. There are no records of rebuilding these bridges prior to the construction of the extant bridges; it is likely the original bridges survived until 1906 (Dresser) and 1896 (Farwell) and were replaced when they became structurally unsound and obsolete. The current steel bridges were built as part of the general system upgrade, as a response to competition, and to accommodate increases in locomotive weights, and in conjunction with the construction of the Dumbarton railroad bridge across the San Francisco Bay, which opened in 1909.

When discussing the technological developments made during the period of significance, as represented by both the Dresser Bridge and the Farwell Bridge, it is also important to note the acceleration of technological advances made toward the end of the 19th century. This is illustrated by the "pin-connected" system used to construct the 1896 Farwell Bridge and the more advanced "riveted-through" method used to construct the 1906 Dresser Bridge. Today railroad bridges designed and constructed like the Dresser Bridge are still commonly found, whereas few bridges built with the pin-connected system used on the Farwell Bridge have survived. While no formal survey has been made, Farwell appears to be one of very few surviving examples of this kind of construction in California.

> During most of the late 19th century, American truss bridges used pin connections to hold the various members together. This form of connection required holes to be drilled in the ends of members that were then aligned with one another. Then a cylindrical pin, similar to a large metal dowel, was slipped through the opening to form the structural connection. Pin connections were popular because they allowed for speedy erection of trusses and, theoretically, they made it easier to analyze stresses in a truss. They were also susceptible to loosening, however, especially under the shaking caused by fast-moving trains.

In contrast to pins, riveted connections provided a solid, rigid means of joining together the truss members. Riveted connections could not be easily hand driven in the field, however, and this problem seriously impeded their use for bridge construction until the development of portable pneumatic riveting systems in the late

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1880s and 1890s. Warren trusses, which were rarely built with pin connections, became quite popular with the advent of widespread field riveting. (Great American Bridges and Dams, pages 28-9)

Integrity:

Integrity is the ability of a property to convey its significance. When applying the seven aspects of integrity, location, design, setting, materials, workmanship, feeling, and association, to the Dresser and Farwell Railroad Bridges, it is apparent that, while there is some loss of integrity, enough has been retained to convey their significance.

These bridges were previously determined to be ineligible for listing on the National Register of Historic Places in a survey undertaken in 1992 by the California Department of Transportation. The California State Historic Preservation Officer concurred with the finding of ineligibility of the Dresser Bridge, but did not comment on the finding of ineligibility of the Farwell Bridge. The earlier evaluations argued that the bridges did not retain high degrees of integrity, primarily due to the reconstruction of the bridge super-structures in 1896 and 1906; the potential historical significance of the newer structures was not considered in these earlier evaluations.

When applying the seven aspects of integrity to these bridges, it is necessary to consider that, while they have undergone significant alterations over time, the alterations have occurred primarily within the period of significance, as defined by this evaluation. The period of significance includes two important periods of railroad history in California: 1) the construction of the final line of the Transcontinental Railroad, which was an engineering feat and influenced the economic and settlement patterns of the region; and 2) the technological advances and the economic/corporate developments which inspired the owners of the railroad to alter the system to accommodate bigger, faster, and more efficient trains.

The bridges have undergone continuous maintenance beyond the period of significance, particularly in the areas of design, materials and workmanship. Yet they are still able to provide physical evidence of the early construction. Due to the nature of the structure and its intensive use, and the location of several of the piers in a creek given to frequent flooding, the structures can be considered dynamic. Had maintenance not been performed on a regular basis in order to sustain their original use, the bridges likely would not have retained enough structural integrity to carry trains today. Considering this, the bridges have retained a remarkable amount of material, approximately 75% to 85%, from the period of significance, and, consequently, workmanship and design. The 1865/6 abutments and the alternating 1865/6 and 1896/1906 piers remain largely intact. The abutments adjacent to Caltrans' right-of-way were veneered with removable concrete during a region-wide series of seismic upgrades in the last fifteen years. Those piers not immediately adjacent to the road have not experienced alterations greater than routine maintenance which, out of necessity, means the reinforcement of existing material as well as occasional replacement of material on an as-needed basis. The bridge super-structures have also undergone routine maintenance, including track and tie replacement as needed. The most significant alteration to either bridge was the replacement of a single span of the Farwell Bridge. The steel girder deck currently spanning Highway 84 was replaced in 1932; the original stone abutment was not replaced, but can be seen about twelve feet east of the current concrete abutment. The 1896 Pratt truss bridge structure remains intact.

The location of the bridges has not changed from that of the historic period. The setting remains remarkably the same, as is illustrated by 19th-century photographs. The bridges were built in response to the canyon's varying elevations and the primary natural feature, the Alameda Creek, all of which have retained a high level of integrity. The greater environment is a rugged gorge of folded land formations that grew randomly around the year-round Alameda Creek. The resulting steep hills and gullies of Niles Canyon are covered with annual grasses and oaks, as well as other natural vegetation. Little development has occurred in the canyon. By the time the first railroad and bridges were built, Vallejo's water-conveyance system was already in place, directing a portion of the creek to his mill at the western end of the canyon. A few large rural ranches had also already been established. Today some have been subdivided, however the character of the landscape remains as large rural, and minimally-developed parcels with boundaries influenced by the steep terrain of the canyon walls. A now-defunct pottery manufacturing company stands at the site where clay brick had been made during the 19th century, using the same clay soil found at that location. The tracks of the 20th-century Western Pacific Railroad, completed in 1909, and the aqueduct built by the Spring Valley Water Company, completed in 1926, do not compromise the setting of the subject bridges in Niles Canyon.

Although a travel-way has existed through the canyon since prehistoric times, the road today has changed in orientation, size, and most dramatically, use since the construction of the railroad. The road, Highway 84, has altered the setting of the railroad and its bridges more than any other feature. For example, in 1932 a portion of the Farwell Bridge was replaced to accommodate automobile traffic beneath it. In addition to altering the setting, the road has replaced the railroad as the primary mode of

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transportation through the canyon, thus compromising the integrity of the historical feeling. This is most noticeable at the bridges where the two transportation modes cross, however on different planes. This loss of integrity of setting, feeling, and association is minimal, for when riding in the train the interaction with the highway goes virtually unnoticed, and the bridges are still able to express their sense of feeling and association with the Niles Canyon railroad.

The railroad has been maintained and is still in operation, however minimally, thanks to a local group of railroad enthusiasts. The retained feeling and association is largely due to the Pacific Locomotive Association who "operates the Niles Canyon Railway as a living history museum interpreting the importance of our heritage railroads in the development of California and the nation." Although the bridges do not appear on any official lists of historic resources (local, regional, state, or national), they are historic resources that are popular and can be appreciated in association with the Niles Canyon railroad. In addition, the Pacific Locomotive Association has railroad artifacts on display at the Niles Railroad Station and has plans to restore the Sunol Railroad Station and develop educational interpretive displays at that site.

Conclusion:

In conclusion, the Dresser Railroad Bridge and the Farwell Railroad Bridge of the Niles Canyon railroad, which was an original leg of the Transcontinental Railroad, appear to be eligible as contributors to the Niles Canyon railroad for the National Register of Historic Places, significant under Criteria A and C, with a period of significance from 1865/6 to 1906. These bridges have also been evaluated in accordance with Section 15064.5(a) (2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the California Public Resources Code, and are historical resources for the purpose of CEQA, eligible under Criteria 1 and 3.

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Bibliography

Clement, Dorene
1997 *Historic Resource Evaluation Report and Finding of Effect for the State Route 267 Truckee Bypass.* Prepared for the California Department of Transportation. 03-Nev-267. PM 0.0/R2.8. EA 291001

Country Club of Washington Township Research Committee.
1950 *History of Washington Township, Second Edition.* Stanford, California: Stanford University Press.

Hees, Randy.
n.d. *Niles Canyon and its Railroads: A History in Progress.* Author's notes.

_____.
1998 *The Western Pacific Railroad of 1862.* Samuel Knight Chapter of the Society for Industrial Archaeology Newsletter.

Hope, Andrew.
1992 *Evaluation of Three Railroad Bridges Over State Highways.* Prepared for the California Department of Transportation. Henderson Underpass (Bridge #35-0012), Rosewarnes Underpass (Bridge #33-0034), Farwell Underpass (Bridge #33-0035).

Judah, Theodore.
1866 *Report of the Chief Engineer on the Preliminary Survey.*

Krase, Elizabeth, and Elizabeth McKee and Andrew Hope.
1998 *Historic Property Survey Report for the Seismic Retrofit of Alameda Creek Bridge and Overhead, Alameda County.* 04-ALA-84, PM 14.32, EA 14670K.

Moody, John.
1919 *The Railroad Builders, A Chronicle of the Welding of the States.* New Haven: Yale University Press.

Morton, Don.
1938 *Historical Sites and Landmarks in Alameda County.*
Ed. George Tays.

Munro-Fraser, J.P.
1883 *History of Alameda County, California.* Oakland, California: M.W. Wood, Publisher. Reprinted 1969.

Root, Henry. Surveyor, Engineer and Inventor.
1921 *Personal History and Reminiscences with Personal Opinions on Contemporary Events, 1845-1921.*
Printed for Private Circulation. San Francisco, California.

Scott, Mel.
1983 *The San Francisco Bay Area: A Metropolis in Perspective.* Berkeley, California: University of California Press.

Shinn, Charles Howard
1991 *Historical Sketches of Southern Alameda County.* Oakland, California: Alameda County Historical Society.

Thompson and West
1878 *New Historical Atlas of Alameda County, California, Illustrated.* Oakland, California: Thompson and West.

Van Morleghem, Gail
1994 *National Register of Historic Places Registration Form for the Transcontinental Railroad Grade, Box Elder County, Utah.* Prepared for the Bureau of Land Management, Salt Lake City District Office.

Maps:
Alameda County Assessor Maps, current on file.
Alameda County Map, 1900
USGE, Niles Quadrangle, 1961, photorevised 1980

Periodicals:
Engineering News
The North American Review
Oakland Enquirer
Oakland News

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The Pacific Tourist
San Jose Mercury

Internet:
Centerville Depot: Ancestor Railroads. Centervilledepot.railfan.net
Central Pacific Railroad Photographic History Museum. cprr.org

Other:
BIRIS: Bridge Inspection Records Information System, California Department of Transportation

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FIGURE 1: PROJECT VICINITY MAP

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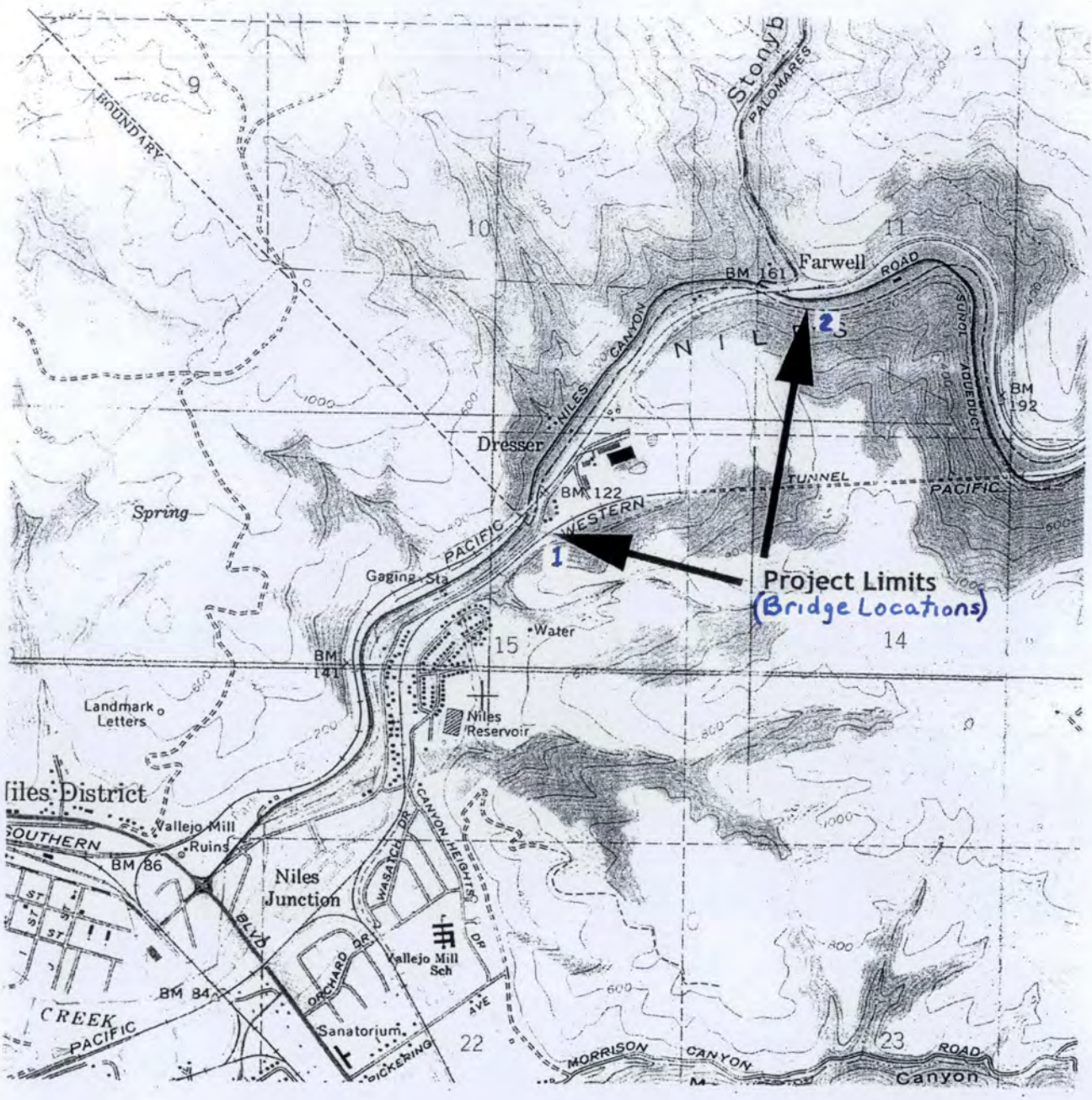
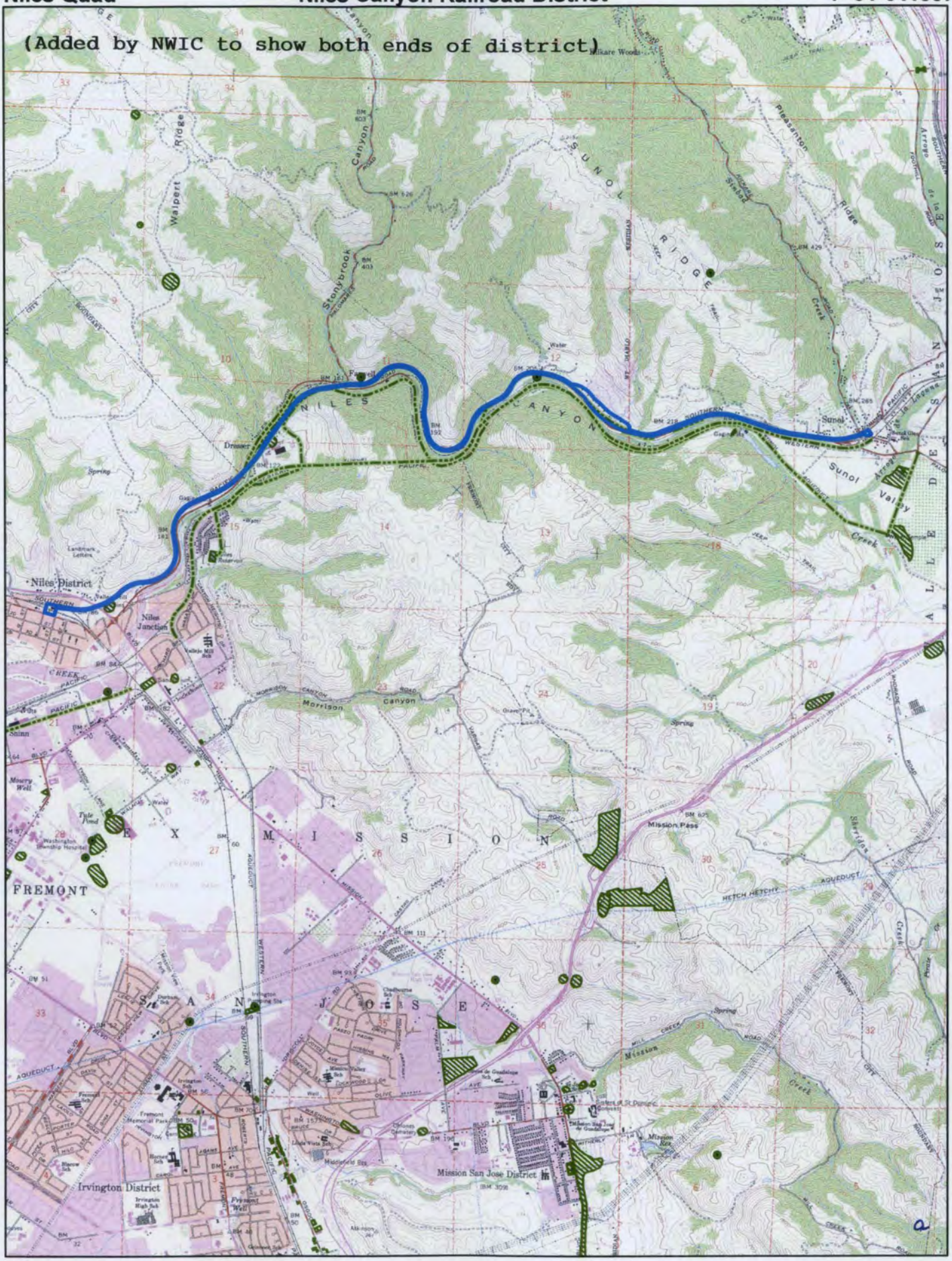


FIGURE 2: PROJECT LOCATION MAP

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(Added by NWIC to show both ends of district)
Niles Canyon
Sunol Ridge
Niles District
Sunol
Mission Pass
FREMONT
Irvington District
Mission San Jose District
Hetch Hetchy Aqueduct
Sunol Valley
Alameda Creek

P-01-011452

(District Record)

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # P-01-011452
HRI # _____
Trinomial _____
NRHP Status Code 3S
Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 17 (16)
(only 16 pages received)

***Resource Name or #** (Assigned by recorder) SVWC's Alameda Creek Water Conveyance System

P1. Other Identifier: Spring Valley Water Company's Alameda Creek System

***P2. Location:** ☐ **Not for Publication** ☒ **Unrestricted** ***a. County** Alameda
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
***b. USGS 7.5' Quad** Niles **Date** 1961 (1968 and 1973) **T** ___; **R** ___; ___ ¼ **of Sec** ___; _____ **B.M.**
c. Address_____ City _____ Zip _____
d. UTM: (give more than one for large and/or linear resources) Zone _____; _____mE/ _____mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The Spring Valley Water Company's Alameda Creek system, constructed from 1898 to 1930, consists of the water conveyance system developed along the Alameda Creek as well as the several properties associated with the functioning of that system. The water conveyance system is composed of the Sunol Dam, Sunol Aqueduct, Sunol Valley Filtration Galleries, Niles Dam, and the Niles Regulating Reservoir, as well as two sets of transbay pipelines. The Alameda Headquarters for the system is located on the western boundary of Alameda Creek and includes 22 buildings and structures that were associated with the daily operations of Alameda Division of the Spring Valley Water Company. (See Continuation Sheet).

***P3b. Resource Attributes:** (List attributes and codes) (HP2) Single Family Property; (HP4) Ancillary Building; (HP9) Public Building; (HP20) Aqueduct; (HP21) Dam; (HP22) Lake, river, reservoir; (HP26) Monument; mural gravestone
***P4. Resources Present:** ☐ Building ☐ Structure ☐ Object ☐ Site ☒ District ☐ Element of District ☐ Other (Isolates, etc.)

P5a. Photo of Drawing (Photo required for buildings, structures, and objects.)



P5b. Description of Photo: (View, date, accession #) View of Sunol Water Temple and carrefour, camera facing south, October 24, 2002

***P6. Date Constructed/Age and Sources:**
☒ Historic ☐ Prehistoric ☐ Both
circa 1875-modern, See B10

***P7. Owner and Address:**
San Francisco Water Department,
1000 El Camino Real,
Milbrae, CA 94030

***P8. Recorded by:** (Name, affiliation, address)
Amanda Blosser,
JRP Historical Consulting Services,
1490 Drew Ave, Suite 110,
Davis, CA 95616

***P9. Date Recorded:** November 2002

***P10. Survey Type:** (Describe)
Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.") JRP Historical Consulting Services, Historic Resources Inventory and Evaluation of SVWC's Alameda Creek System, January 2003.

***Attachments:** NONE ☒ Location Map ☐ Sketch Map ☒ Continuation Sheet ☐ Building, Structure, and Object Record ☐ Archaeological Record
☒ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record
☐ Other (list) _____

DPR 523A (1/95) ***Required Information**

JUL 19 2006

State of California ∏ The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
DISTRICT RECORD

Primary # P-01-011452
HRI #
Trinomial

*NRHP Status Code 3S

*Resource Name or # (Assigned by recorder) Spring Valley Water Company Alameda Creek Water Conveyance System

D1. Historic Name: Spring Valley Water Company's Alameda Creek system

D2. Common Name: San Francisco Water Department, Sunol Headquarters

*D3. Detailed Description (Discuss overall coherence of the district, its setting, visual characteristics, and minor features. List all elements of district.):

(See continuation sheet).

*D4. Boundary Description (Describe limits of district and attach map showing boundary and district elements.):

(See Continuation Sheet)

*D5. Boundary Justification:

(See Continuation Sheet)

*D6. Significance: Theme Urban water conveyance systems; Engineering Area San Francisco

Period of Significance 1898-1930 Applicable Criteria A, C

(Discuss district's importance in terms of its historical context as defined by theme, period of significance, and geographic scope. Also address the integrity of the district as a whole.)

(See Continuation Sheet)

*D7. References (Give full citations including the names and addresses of any informants, where possible.):

JRP Historical Consulting Services, *Historic Resources Inventory and Evaluation of Spring Valley Water Company's Alameda Creek System*, January 2003.

JRP Historical Consulting Services, *Historic Resources Evaluation Report Sunol and Niles Dams*, Alameda County, California, August 2000.

Elizabeth Krase, *Historic Property Survey Report for the Seismic Retrofit of Alameda Creek Bridge and Overhead, Alameda County, 04-ALA-84, PM14.32, EA 14670K (July 1998)*. Department of Parks and Recreation Form 523, Sunol Aqueduct.

(See Continuation Sheet for complete list of citations)

*D8. Evaluator: Amanda Blosser Date: November 2002

Affiliation and Address: JRP Historical Consulting Services, 1490 Drew Ave #110, Davis, CA 95616

District Record (continued)

D3. Detailed Description:

This district is located in southern Alameda County and follows Alameda creek from the upper end of Niles Canyon to the lower end. Niles, at the lower end of the canyon, is at an elevation of 126 feet, at the point where the canyon meets the coastal plain of San Francisco Bay. It is terminus of this system and the location of Niles Regulating Reservoir and the beginning the system's transbay pipelines. The upper end of the project area is located at the site where the waters of Alameda Creek flow out of the wide and gently sloping Sunol Valley and into steep narrow Niles Canyon. The Spring Valley Water Company (SVWC) built several buildings and structures that were associated with the maintenance of this system at the upper end of Niles Canyon. They are included as part of this report. The project area is about five miles long when measured along the creek's path down the winding canyon. Niles Canyon Road, the Sunol Aqueduct, and tracks of the Union Pacific and the Burlington Northern Santa Fe railroads (not part of this system) all run down the canyon along the hillsides above the creek. Vegetation along the creek bed is riparian with grass, coastal scrub brush, and oaks on the hillsides.

D4. Boundary Description:

The boundary for the Spring Valley Water Company's Alameda Creek system is irregularly shaped and largely defined by the course of Alameda Creek. At the eastern end of the system, the boundaries are the widest and take in the large parcel that forms the current San Francisco Water Department Sunol Headquarters, including the Sunol Water Temple and the filter galleries. This parcel abuts Alameda Creek where the boundary takes in the Sunol Dam and its control tower and then the boundary becomes the footprint of the aqueduct itself and continues in this fashion, 5 miles down Niles Canyon to the Niles Dam also included in the boundaries. Within the footprint of the Sunol aqueduct, are two additional structures associated with the aqueduct, the arch bridge and the trestle. At the southwestern edge of the canyon, the boundary widens to include the parcel containing the Niles Regulating Reservoir, which abuts Alameda Creek.

D5. Boundary Justification:

The Office of Historic Preservation offers the following guidance concerning the determination of district boundaries: "Boundaries should encompass, but not exceed, the extent of the significant resources and land area that contribute to the importance of the district."[1] Taken in its entirety, the Alameda Creek water conveyance system includes all of the components that historically make up the water conveyance system constructed by the Spring Valley Water Company as well as those buildings and structures that make up the Alameda Headquarters of the SVWC.

[1] Office of Historic Preservation, "Instructions for Recording Historical Resources," (Sacramento, March 1995), 16.

D6. Significance

Summary Significance

The Spring Valley Water Company's Alameda Creek system appears to meet the criteria for listing as a district in the National Register of Historic Places and the California Register of Historic Resources. It appears to be eligible under Criteria A (Criterion 1), as an important and early development within the context of the urban water supply in California, and Criterion C (Criterion 3), for its design and its innovative use of engineering to utilize the natural features, mainly the gravel beds of Alameda Creek. Under Criterion A (Criterion 1), the Alameda Creek system is significant as one of a few early water conveyance system designed specifically to meet the needs of a large urban population. It predated the other two similar systems, Hetch Hetchy (constructed 1914-1934) and the Owens Valley water project (constructed 1908-1913), which provided a constant and crucial water supply for San Francisco and Los Angeles. The Spring Valley Water Company, a private water company, built the water conveyance system during the Progressive Era when most municipalities had achieved public ownership of their water supplies, making it a relatively late example of a privately developed water supply. The SVWC served San Francisco until 1930, and was one of the last private water companies to serve a major city.[2]

Under Criterion C (Criterion 3), the Alameda Creek system appears to meet the criteria as a significant work of engineering design because it represents distinctive characteristics of a type, period, and method of construction. Chief SVWC Engineer Herman Schussler, made use of the geological formation of the Sunol Valley gravel beds and the naturally occurring subsurface water flow. Schussler encouraged the SVWC to purchase land and riparian rights along Alameda Creek as early as the 1870s in order to develop the creek as an additional source of water for San Francisco. This design represents an early use of an aquifer and subsurface water flow to store and collect water, planned before State Engineer William Hammond Hall published his surveys in 1880 and 1888, that noted the occurrence of aquifers in California's coastal geology.

This collection of resources appears to be eligible as a district because the significance rests on the group as a whole. The Keeper of the National Register has defined a National Register-eligible historic district as follows: "A district possesses a significant concentration, linkage, or continuity of sites, buildings, structures, or objects united historically or aesthetically by plan or physical development."[3] The operative terms in this definition are that it must be a "significant concentration, linkage, or continuity" of properties, and that the properties must be "united historically or aesthetically by plan or physical development." In addition, a historic district may include buildings that lack individual distinction, providing that the district as a whole is significant. The Keeper addresses this issue in National Register Bulletin 15:

> A district can comprise both features that lack individual distinction and individually distinctive features that serve as focal points. It may even be considered eligible if all of the components lack individual distinction, provided that the grouping achieves significance as a whole within its historic context. In either case, the majority of the components that add to the district's historic

[2] *Historic Property Survey Report for the Seismic Retrofit of Alameda Creek Bridge and Overhead, Alameda County, 04-ALA-84, PM14.32, EA 14670K (July 1998)* Department of Parks and Recreation Form 523, Sunol Aqueduct, 11.
[3] USDI, NPS, "How to Apply the National Register Criteria for Evaluation," *National Register Bulletin 15* (Washington, D.C.: 1991), 5.

character, even if they are individually undistinguished, must possess integrity, as must the district as a whole.[4]

The SVWC's Alameda Creek system appears to meet both considerations. First, the collection of resources is "united historically or aesthetically by plan or physical development." Second, the collection is a "significant concentration." Although the collection of resources, individually have been modified to some degree, the district retains sufficient integrity to warrant consideration for listing in the National Register. Only the headquarters complex appears to have lost sufficient integrity that would change its status as part of the district to a non-contributor.

In addition to appearing eligible as a district, several components of the Spring Valley Water Company's Alameda Creek system have been either been evaluated as individual resources or appear to be individually eligible for inclusion in the National Register of Historic Places and the California Register of Historic Resources. Caltrans prepared a report in 1998 documenting the Sunol Aqueduct and at the time found that it appeared to be eligible for the National Register under Criterion A for its association with the history of urban water supply in California. The current National Register status of the aqueduct in the CHRIS list is a 2 or "eligible by consensus determination." In addition to the aqueduct, the Sunol Dam, Niles Dam, and Sunol Filter Galleries were recommended as individually eligible for the National Register and California Register by JRP in 2000; this evaluation was retained and the resultant DPR523 forms for each dam are included in this report. Sunol Dam was recommended as eligible under Criterion A (Criterion 1) for its association with urban water supply history and under Criterion C (Criterion 3) because the construction represents a significant example of a significant design by master engineer Herman Schussler. Niles Dam is also eligible under Criterion A (Criterion 1), for the reasons mentioned above as well as under Criterion B (Criterion 2) for its association with Don Jose de Jesus Vallejo. Copies of the relevant primary forms from previous projects are included as part of the documentation for this district.

Besides Niles Dam and Sunol Dam, the Sunol Water Temple, appears to be individually eligible as well as a contributing resource for the National Register and California Register. Under Criterion C (Criterion 3), the Sunol Water Temple appears to be a significant example of a master architect, Willis Polk. Although a relatively simple architectural commission, the design is representative of Polk's versatility as a designer and his commitment to the principles of academic eclecticism. The tenets of this movement embodied a reaction to the alleged excesses of the Victorian era by exercising restraint in application of design. Simplicity, dignity, and refinement were fundamental values for Polk and history offered the best means to developing sensitivity towards formal design considerations. His simple yet elegant design for the temple, influenced by the study of historical models illustrates his commitment to these principles.

The table below summarizes the current status of each property as well as the recommendations based on this report.

[4] *National Register Bulletin 15*, 5.

Table 1. List of Contributing and Non-Contributing Properties to the Spring Valley Water Company's Alameda Creek System District

Resource Name	Year Built	Associated Resources	Previous Survey and recommendations	NRHP/CRHR Status
Sunol Headquarters Complex	Circa 1875-present	22 buildings, structures, objects, and landscape features	No previous survey	6 (Non-Contributor)
Sunol Water Temple	1910	Fountain, Carrefour, concrete gates, and pumphouse	No previous survey	3B (Contributor and individually eligible)
Sunol Filter Galleries	1920	None	Previous survey; 3S	3D (Contributor)
Sunol Dam	1900	Control Tower	Previous survey; 3S	3B(Contributor and individually eligible)
Sunol Aqueduct	1900, 1921	Arch Bridge, trestle	Previous survey; 2	3B (Contributor and individually eligible)
Niles Dam	1878	None	Previous survey; 3S	3B (Contributor and individually eligible)
Niles Regulating Reservoir	1923	None	No previous survey	3D (Contributor)

Context for the Development of the Alameda Creek System

Early Settlement in the Niles Canyon and Sunol Valley

Niles Canyon was sparsely settled prior to Spring Valley Water Company's development of Alameda Creek in the late 19th century and the lands that make up the project area were originally part of two ranchos, Rancho Arroyo de la Alameda and El Valle de San Jose. The ranchos in the region predominantly engaged in cattle ranching.

Rancho El Valle de San Jose

At the western end of the project area in the Sunol Valley, Rancho El Valle de San Jose was granted to Antonio M. Pico, Augustin Bernal, and M.D. Bernal in 1839.[5] Don Antonio Sunol acquired the rancho through his wife, Delores Bernal, sister of Augustin Bernal, and the Sunol family was responsible for settlement of the western boundary of the rancho. Don Antonio resided in San Jose and there is some confusion as to which member of the Sunol family actually resided on the rancho. However, it appears that it was Sunol's son, Jose Narcisso, built the Sunol adobes.[6] The Sunol adobes were located on the present site of the San Francisco Water Department's Sunol Headquarters.

[5] J.N. Bowman and George W. Hendry, *The Spanish and Mexican adobe and other buildings in the nine San Francisco Bay counties, 1776 to about 1850*, MS., [Berkeley, California: 1940-1945?], 639.
[6] *San Francisco Water*, Volume 1, Number 2, 3.

Charles Hadsell acquired a portion of the rancho between 1856 and 1862 from Narcisso Sunol, and late 19th century Alameda County maps (Figure 1) show that Hadsell accumulated substantial land holdings in the Sunol Valley.[7] Historic accounts indicate that he rehabilitated the Sunol adobe and lived in the house for years with his wife Annie, three children, and nephew.[8] This property became known as the "Hadsell place," and like many farmers in Southern Alameda County, he grew wheat. Hadsell began to transition to orchard farming in the 1870s as Alameda County farmers learned that orchard farming, particularly specialty crops such as walnuts and apricots, was much more lucrative than grain farming. The area's fruit and nursery industry were given a boost when an infestation of scale on fruit trees in San Jose's orchards and nurseries prompted the California Nursery Company to move operations to Niles 1865.[9] Nearby Alameda Creek provided the necessary water for irrigation of the orchards. Hadsell had a small orchard adjacent to his residence, and constructed a ditch to irrigate the orchards with water from Alameda Creek.[10]

Rancho Arroyo de la Alameda

On the eastern end of the project area, at the mouth of Niles Canyon, Rancho Arroyo de la Alameda encompassed 17,705.38 acres and was granted to Don Jose Vallejo in 1842, one year after he established a flourmill on Alameda Creek. Vallejo was familiar with mill operation because he was instructed by his father, Ignacio, on dam and aqueduct construction techniques. Igancio Vallejo had installed irrigation systems in San Luis Obispo, Carmel and other locations in California. In 1824 Jose built a gristmill powered by draft animals and around 1830 he operated his father's mill near Watsonville. Thereafter, Jose Vallejo constructed a dam, aqueduct, and his first mill (made of adobe) in 1841 at the base of Niles Canyon. Grinding stones for the mill came from Spain and when one of the stones was later broken, it was used as a doorstep at a second mill.

Vallejo constructed a second larger mill of redwood and stone in 1856 and then used the adobe as a storage shed (Figure 2).[11] After the construction of the second mill, a settlement known as Vallejo Mills grew up around the mill in Niles Canyon.[12] The ruins of Vallejo's Mill dating from 1841 to 1856, represents one of the earliest water conveyance devices in California (Archeological Site No. CA-ALA-528/H), one of the earliest appropriative water rights in the state, and one of the earliest industries in Alameda County.

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[7] Thompson and West, *New Historical Atlas of Alameda County, California, Illustrated.* Oakland, California: Thompson and West, 1878.

[8] *San Francisco Water*, Vol. 1 No 2, April 1922, 6 and US Census, Population Schedule, 1880.

[9] Charles Howard Shinn, *Historical Sketches of Southern Alameda County* (Oakland, CA: Alameda County Historical Society, 1991), 5-6.

[10] Thompson and West, *New Historical Atlas of Alameda County, California, Illustrated.*

[11] Author Ruy E. Kern believes that the grinding stones for Vallejo's Mills actually came from other California mills and the story of Spanish and French origins of the stones is folklore. His theory on the stone's origins is found in Ruy E. Kern, "The Vallejo Flour Mills and the Rancho Arroyo de la Alameda, [1990]." (photocopy), Bancroft Library, University of California, Berkeley. On page 83 of Kern's *The Vallejo's of Mission San Jose* (Fremont, California: Mission Peak Heritage Foundation, 1983), he notes the inscription of a bronze plaque at Vallejo's first mill: "In 1841, Don J. J. Vallejo, built an adobe mill on Alameda Creek near Niles. Millstone made in Spain. Spring Valley Water Works Company – 1923." The exact date of construction of Vallejo's second mill is unclear. Several sources give the date of 1856; however, in 1878 Thompson and West's *New Historical Atlas of Alameda County, California Illustrated* gave the date of 1853: "Here Don José Vallejo in 1853, at great expense constructed a flouring mill with the water for motive power, which he conducted in a long flume from the Alameda Creek."

[12] Elizabeth Krase, *Historic Property Survey Report for the Seismic Retrofit of Alameda Creek Bridge and Overhead, Alameda County, 04-ALA-84, PM14.32, EA 14670K (July 1998).* Department of Parks and Recreation Form 523, Sunol Aqueduct, 6-7; Ruy Kern, "The Vallejo Flour Mills and the Rancho Arroyo de la Alameda, 3; The Country Club of Washington Township Research Committee, 141; Kern, *The Vallejo's of Mission San Jose.* v, 77.

By 1848 the Mexican Period had come to an end, yet many of the area's new settlers carried on the agricultural tradition with small family farmsteads. By the 1850s American farmers were also growing wheat and barley in what is now southern Alameda County and throughout the Santa Clara Valley, as part of an economic transformation in the entire state. The climate and soil were rapidly recognized as some of the best in the country for growing grains, which soon became the dominant agricultural crop in the state, remaining prominent in the region until the 1890s when farmers in the Midwest started to grow wheat in great quantities.[13]

Additionally, the Central Pacific Railroad laid tracks through Niles Canyon between 1865 and 1869. The Niles railroad station was built only 1,200 feet west of Vallejo's mills. In 1877 the railroad established the town of Niles (named for an executive for the Central Pacific Railroad) which gradually eclipsed the nearby settlement of Vallejo Mills. Nevertheless, the mills continued to play a vital role in the valley's agricultural development until the 1880s, when fruit production began to supplant wheat growing.[14] As mentioned above, the fruit industry expanded in Alameda County with the arrival of California Nursery Company in Niles. In the early 1870s raising vegetables for the San Francisco market became an important business that was dominated by farmers of Portuguese descent who had settled in the area.[15]

Spring Valley Water Company: San Francisco's Search for Water

San Franciscans began to look for distant sources of water for their fast growing city because the peninsular city was without a substantial or reliable source of water. In the Gold Rush era, water was sold by the barrel by entrepreneurs who transported their precious cargo across the Golden Gate from Marin County. Like other cities in the American West, San Francisco franchised competing private companies to supply the city with water from various local sources; however, the first seven decades of the history of water supply in San Francisco are dominated by Spring Valley Water Company. In 1858, George Ensign organized the Spring Valley Water Works and the company built its first reservoir in San Mateo County in 1862 bringing water to San Francisco by way of a tunnel and flume system.[16] (The company eventually became the Spring Valley Water Company in 1903, and will be referred to hereafter as SVWC for the sake of clarity.)[17] The company absorbed the San Francisco City Water Company, incorporated one year after the SVWC, taking over the Lobos Creek supply and its structures. The company became the sole provider of water to the city. Even at that early date it was seen that the city would soon outgrow the water supply available to them on the peninsula and as the demand for water increased, SVWC began to explore other possibilities.

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[13] Shinn, *Historical Sketches of Southern Alameda County,* 5-6.

[14] In December 1884, two years after Vallejo's death, the mill ceased operations. The last miller, William Gorgass, committed suicide by poison in the mill at the time. *Oakland Examiner,* May 16, 1891; The Country Club of Washington Township Research Committee, 141; Kern, *The Vallejo's of Mission San Jose*, 83.

[15] Thompson and West, *New Historical Atlas of Alameda County, California, Illustrated,* 129: Krase, *Historic Property Survey Report*, 7; *Oakland Examiner,* May 16, 1891; The Country Club of Washington Township Research Committee, 142.

[16] The name "Spring Valley" comes from the company's original source of water, a small spring in San Francisco called Valley Spring.

[17] Krase, *Historic Property Survey Report*, 7; "Spring Valley: An Historical Review," *San Francisco Water* Volume 1 Number 2, January, 1926, 30.

City leaders were not only concerned with the potential shortage of water but also with the wisdom of relying on a single private company to develop water sources and deliver water to the city. Additionally, the SVWC was seen as charging high rates for poor service. In 1874 the state legislature passed an act that allowed the city to create a municipal water system, and soon after the city created the San Francisco Water Commission. Over the next five decades the city made several attempts to purchase SVWC but voters failed to approve the deals primarily because of the high price demanded by the company. The City's water commission also investigated the possibility of developing distant water sources for the city. The commission looked at sources in the Sierra Nevada 160 miles to the east, and the Alameda Creek drainage 30 miles across the bay; but before the commission could act the SVWC bought the water rights to Alameda Creek in 1875.[18]

Spring Valley Water Company and Alameda Creek: 1875-1898

At the same time fruit orchards began to dominate agricultural crops in Alameda County, the Spring Valley Water Company gradually started buying property and water rights along the Alameda Creek. The history of Spring Valley Water Company is well-documented elsewhere and this history will mainly deal with the development of the Alameda County properties.[19] Herman Schussler, chief engineer, recommended the development in the Alameda Creek watershed as early as 1865, because of the natural advantage of the gravel beds in the area. Financial troubles, however, prevented the SVWC from developing the Alameda Creek watershed until the late 19th century.

Agriculturalists in Alameda County, especially orchardists who depended on the creek for irrigation purposes, made efforts to protect the water from San Francisco water interests. Local farmers and residents hastily organized the Washington and Murray Township Water Company in just five days in 1871 in response to rumors of a preemptive land acquisition by the SVWC. The company began to build an irrigation ditch from the mouth of Niles Canyon to Centerville in 1874, but before it was finished the newly incorporated Alameda Water Company acquired a controlling interest in the Washington and Murray Township Water Company and bought the Vallejo flourmills. Charles Hadsell was one of five partners who had controlling interest in the incorporated Alameda Water Company and a year early stated that he planned to condemn water from Alameda and Calaveras Creeks. Newspaper accounts report that the intent of the Alameda Water Company was to supply San Francisco with water from these creeks.[20] However, SVWC preempted the Alameda Water Company and purchased the Washington and Murray Township Water Company and 1,915 acres in Sunol and Calaveras Valleys.[21] Shortly after this purchase in 1885, SVWC began to develop the Alameda Creek system as a reliable water source for the City of San Francisco, which at the time only had a one-year supply of water left in their reservoirs on the peninsula.

[18] Krase, *Historic Property Survey Report*, 7.
[19] Marianne Babel's "A History of Spring Valley Water Company" is a complete history of the development of SVWC.
[20] *Oakland Enquirer*, "Spring Valley Share", December 3, 1888.
[21] Elizabeth Krase, *Historic Property Survey, 7.*

Despite the local protest, the Alameda County Board of Supervisors granted SVWC the right of way for its pipes, allowing the SVWC project to begin. The company built a small cottage at the Sunol site, circa 1875, that served as the foreman's cottage for the Alameda Creek system construction.[22] The earliest work on the water conveyance system mainly included rebuilding the earlier system built by Don Jose Vallejo at Vallejo Mills. The SVWC first rebuilt and raised Niles Dam by capping Vallejo's original stone dam with concrete and replacing the wooden fish ladder with a concrete ladder. The stone-lined aqueduct constructed by Vallejo was found to be in good condition, and the SVWC covered it with a brick and mortar arched roof complete with manholes.[23] Covering the aqueduct increased the capacity to as much as seven million gallons of water a day. Water diverted by the dam ran down Vallejo's old aqueduct and flume.[24]

In 1887, the SVWC reconstructed the 3,131 foot long redwood flume built by Vallejo and connected to the aqueduct. Instead of carrying the water to the mill, it conveyed water to the city via a 36" pipe beginning one and three-quarter miles above Vallejo's Mill and running through Centerville and Newark to Dumbarton Point. The pipeline crossed the bay salt marsh at Dumbarton Point with 16,000 feet of pipeline resting on wood trestles. Twin 16" submarine pipes fitted with ball joints and laid across the bottom of the narrow point of the bay brought the water 6,400 feet to Ravenswood on the San Francisco peninsula. From Ravenswood a single pipeline led to Crystal Springs Reservoir, which then supplied the city with water. Depending on the seasonal flow of Alameda Creek the 28.5-mile pipeline and aqueduct supplied eight to ten million gallons per day. Niles Dam and aqueduct remained in operation only until 1900 when the Sunol Dam and aqueduct came into use. Several disadvantages lead to the discontinuation of the Niles system. In addition to pollution problems, turbidity in the water during flooding on the creek sometimes made it necessary to cut off the supply. Also, low flow levels late in the season were not enough to maintain an even draft.[25]

Improvements to the SVWC system: 1898-1921

Spring Valley Water Company began a new phase of development with their Alameda County properties starting in 1898, which included construction of a new water conveyance system and a headquarters complex in Sunol. Construction of the new water delivery system started with Sunol Dam. Located at the upper end of the canyon, the dam was 75 feet higher in elevation than the Niles Dam, and was constructed in 1900 with the aim of increasing the water supply. It was also to allay the public's fears of pollution of the city's water because by the 1880s, an increasing number of people came to Niles Canyon to picnic and camp in close proximity to Alameda Creek.

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[22] Leonard Metcalf, *Inventory of the physical properties and structures of the Spring Valley Water Company in San Francisco, San Mateo, Santa Clara and Alameda Counties, California, as of December 31, 1913*, unpublished, 73.

[23] The May 16, 1891 issue of the *Oakland Examiner* noted the condition of the old aqueduct: "so good was the workmanship of the stone aqueduct, that the company merely roofed it over with brick and used it as a portion of their underground waterway to the city."

[24] Marianne Babal, "A History of the Spring Valley Water Company," 39; C. D. Marx, C. G. Hyde and C. E. Grunsky, "San Francisco Water Supply Investigations. Discharge of Calaveras and Alameda Creeks," MS., August 1912, San Francisco Water Department Archives, 16.

[25] Spring Valley Water Works, "Specifications for the Construction of an Iron Pipeline for the Spring Valley Water Works, July 12, 1887"; Krase, *Historic Property Survey* 7, 8; Cyril Williams Jr., "Report on the Water Supply of the Alameda Creek Watershed," 1912, MS., San Francisco Water Department Archives, 549.

The Sunol Valley is a gravel-filled depression at the upper end of Niles canyon; most of water caught in the 600 square miles of drainage from Alameda Creek must pass through the upper entrance of Niles Canyon on its way downstream.[26] Longtime SVWC Chief Engineer Herman Schussler designed a system to tap the underground waters; he had urged the construction of a dam at this location since 1865. The 28-foot high concrete arch dam caused the underground flows to back up into the Sunol Valley gravel beds. The company installed a reinforced concrete tunnel 8,985 feet long, called a filter gallery, on the bedrock at the bottom of the gravel beds. The filter gallery extended into the valley parallel to Alameda Creek, and was equipped with several thousand screened brass pipes 1¼" and 1½" in diameter that pierced the walls of the gallery. The pipes served to drain the water from the gravel. Water flowed into the filter gallery that was connected to an aqueduct leading 25,900 feet to Niles. The gallery typically produced five million gallons daily; in flood conditions flows might rise to 20 million gallons.

The SVWC built the Sunol Aqueduct at the same time as the Sunol Dam. The aqueduct followed a different alignment than the old Vallejo flume on the north side of the canyon. It sat on a bench carved from the hillside and ran a total length of 25,900 feet from Sunol to Niles. The aqueduct was formed by a combination of redwood flume and five sections of concrete-lined tunnel. The aqueduct conveyed water from Sunol Valley and Pleasanton Well Fields and from Calaveras Reservoir. Water from Calaveras Reservoir joined water from the Pleasanton pipeline in the Sunol Valley at the Sunol Water Temple. From the Water Temple an underground concrete conduit ran to the north side of Sunol Dam. It then passed through the dam to the south side where it entered the first of five tunnels that, together with above-ground sections of concrete conduit, formed the 4.9 mile-long Sunol Aqueduct.[27] The aqueduct conveyed the water down the south side of the canyon to Niles regulating reservoir. After the completion of the Sunol Aqueduct in 1900, Niles Dam served only to supply the riparian rights of landowners downstream.[28]

Expansion and takeover of SVWC: 1922-1930

At the same time that the SVWC was developing its Alameda Creek system, civic-minded interests in San Francisco continued plans for the city to take over the private water company. Efforts to acquire SVWC had started early in its history, and in 1900 San Francisco's citizens adopted a new city charter that mandated creation of a municipal water system. On five separate occasions, the citizens of San Francisco voted to reject purchase of the SVWC.[29] In between these votes, the City of San Francisco and SVWC negotiated an acquisition price for the cost of the water works. Acquiring the SVWC became a necessity, but the city's voters routinely rejected measures to pay for the acquisition of the water company. The 1906 earthquake did little direct damage to the Alameda Creek's dams and aqueducts, but the failure of the water system in San Francisco during the emergency prompted the enlargement of the system and was the seminal event that led to the takeover of SVWC by the city.

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[26] The area of southern Alameda County has particularly abundant gravel beds. The book *History of Washington Township* reports that the town of Niles claims to have the first major gravel pit used by the state. Seventy-five railroad cars of gravel from a pit not far from Vallejo's Mills were used in the construction of the amphitheater on the UC Berkeley campus.

[27] In 1998 the California State Office of Historic Preservation agreed that the Sunol Aqueduct is eligible for listing in the National Register of Historic Places.

[28] In 1923 the old Niles system was put temporarily back in use when reconstruction work was being done on the Sunol Aqueduct. Lewis E. Aslibau, "Preliminary Report on the Usefulness of Structures Spring Valley Water Company," MS. Water Resources Center Archives, Bancroft Library, University of California, Berkeley, 2.

[29] Marianne Babel, *A History of Spring Valley Water Company*, 75.

Although SVWC and the City continued to negotiate terms of a buyout for many years, SVWC continued to improve the Alameda Creek system. The company installed a second set of submarine transbay pipelines in 1902. The lines were also extended on the peninsula side, which doubled the capacity of the Alameda Creek system to 16 million gallons a day. In 1903, the water-filled gravel beds of Pleasanton in the Livermore Valley, five miles north of Sunol, were added to the system. The company installed 28,000 foot long 30" pipe in 1909 to deliver water from the Pleasanton Well fields to the Sunol Filter Beds, and the Sunol filter galleries were extended in 1917.[30] The company also building several new buildings at the Sunol Headquarters, including a superintendents' cottage, a new barn, a separate water system for the caretaker's cottage, a barn, chicken coop, and an agricultural department. At this time SWVC began to plant crops on the lands adjacent to Alameda Creek. The walnuts and peaches produced in 1909 were sold to company employees. By 1910, the acreage for orchards increased and the SWVC began to sell its produce in San Francisco.[31]

The City of San Francisco still pushed ahead with their plans to pursue other water sources in the Sierras and continued negotiations to acquire the SVWC. In 1913, Congress passed the Raker Act and it was signed into law by President Woodrow Wilson, and granted water and power resource right-of-ways on the Tuolumne River, in Yosemite National Park to San Francisco. Under the direction of engineer Michael M. O'Shaughnessy, the City began building the Hetch Hetchy system in 1914. Additionally, the Raker Act also stipulated that the City could not sell or give away any of its water or hydroelectric power to a private firm. This provision required the City to purchase the SVWC because it still owned the City's water distribution system. Continued disputes between the City and SVWC lead the State Railroad Commission to broker an agreement between the parties that allowed water rate increases in return for SVWC developing the Alameda County properties to their full potential and cooperating in planning the Hetch Hetchy pipelines. SVWC enlarged the Sunol aqueduct in 1922 and 1923 and constructed the Niles regulating reservoir in 1923. Construction also continued on Calaveras Reservoir, which had been set back by a failure in the dam. Finally, as the Hetch Hetchy system neared completion, the city's voters agreed to purchase SVWC in 1928; the actual sale took place in 1930 and cost the City nearly $40 million.[32]

Soon after the sale, the SVWC reorganized into Spring Valley Company Limited to dispose of the remaining real property. The company owned approximately 16,679 acres of which substantial portion were agricultural lands in Alameda County. The onset of the depression in the 1930s hampered the sale of this property and the company granted sharecropping leases to portions of the lands in Alameda County. By 1944, SVWC sold the remainder of the property and the company filed for a certificate of winding down and dissolution.

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[30] *San Francisco Water,* Volume I, 3; Krase, *Historic Property Survey* 7-8; Warren D. Hanson, *San Francisco Water and Power: A History of the Municipal Water Department and Hetch Hetchy System.* (San Francisco: City and County of San Francisco, 1994), 16; Anderson, 31; Cyril Williams Jr., "Report on the Water Supply of the Alameda Creek Watershed," 1912 MS. San Francisco Water Department Archives, 550; James H. Leonard, *San Francisco Water and Power.* (San Francisco: City and County of San Francisco), 42; Babal, "History of Spring Valley Water Company," 46.

[31] *San Francisco Water,* Volume I Number 3, July 1922, 5.

[32] Hanson, *San Francisco Water and Power*, 19.

Since the purchase the Alameda Creek System, the City of San Francisco has used the SVWC's Alameda creek system and the administrative complex has served as its Sunol Headquarters. The City has added several buildings to the site. The water delivery system has mainly been used to supply the local residents with water since the completion of the Hetch Hetchy system, and the Sunol Water Temple has been opened to the public as part of a regional park.

D7. References:

Published Sources

American Society of Civil Engineers. *Historic Civil Engineering Landmarks of San Francisco and Northern California,* San Francisco: Pacific Gas and Electric Company, 1977.

The Country Club of Washington Township Research Committee. *History of Washington Township,* Second Edition. Stanford, California: Stanford University Press, 1950.

Grunsky, C. E. *Appraisement of the properties of the Spring Valley Water Works for the Board of Public Works.* San Francisco: P. J. Thomas Printing House, 1901.

Hall, William Hammond. *Irrigation in California.* [Sacramento 1889]. Water Resources Center Archives, Bancroft Library, University of California, Berkeley.

Hansen, Warren D. *San Francisco Water and Power: A History of the Municipal Water Department and Hetch Hetchy System.* San Francisco: City and County of San Francisco, 1985.

Hundley, Norris, Jr. *The Great Thirst: Californians and Water, 1770s-1990s.* Berkeley: University of California Press, 1992.

Kahri, William L. *Water and Power.* Berkeley: University of California Press, 1982.

Kern, Ruy. *The Vallejo's of Mission San Jose.* Fremont, California: Mission Peak Heritage Foundation, 1983.

Leonard, James H. *San Francisco Water and Power.* San Francisco: City and County of San Francisco.

Schussler, Herman. *Report of H. Schussler, chief engineer of the Spring Valley Water Works: on the various projects for supplying San Francisco with water.* San Francisco: J. H. Carmany & Co., Book and Job Printers, 1876. Water Resources Center Archives, UC Berkeley.

Spring Valley Water Company. *The Water Supply of San Francisco.* San Francisco: The Blair-Murdock Company, nd.

Thompson and West. *New Historical Atlas of Alameda County, California, Illustrated.* Oakland, California: Thompson and West, 1878.

_____. *Official and Historical Atlas of Alameda County, California.* Oakland, California: Thompson and West, 1878.

M. W. Wood, *History of Alameda County, California* (Oakland, California: M. W. Wood, Publisher, 1883.)

Periodicals

San Francisco Water

Oakland Examiner

Maps

Spring Valley Water Company, "Discharge Curve and Section of Sunol Dam." n.d. San Francisco Water Department Archives.

_____. "Niles Dam on Alameda Creek." n.d. San Francisco Water Department Archives.

_____. "Plans for raising Sunol Dam" September 28, 1911, San Francisco Water Department Archives.

_____. "Sunol Dam Fish Ladder Weir." n.d. San Francisco Water Department Archives.

USGS. *Niles* 7.5 Minute Series Topographic, Washington, D.C.: GPO, 1961.

Unpublished Sources

Anderson, George G. "Memoranda on the Valuation of the Water Rights of the Spring Valley Water Company," March 20, 1916, Water Resources Center Archives, University of California, Berkeley.

Babal, Marianne. "A History of the Spring Valley Water Company." (MA Thesis, University of California, Santa Barbara, March 1993.

Hendry, George W. "Spanish and Mexican Houses in the Nine Bay Counties." MS., California State Library, 1942.

Hendry, George W. and J. N. Bowmen. "The Spanish and Mexican adobe and other buildings in the nine San Francisco Bay Counties, 1776 to about 1850." MS., [Berkeley, California: 1940-1945?].

Krase, Elizabeth, *Historic Property Survey Report for the Seismic Retrofit of Alameda Creek Bridge and Overhead, Alameda County, 04-ALA-84, PM14.32, EA 14670K (July 1998).* Department of Parks and Recreation Form 523, Sunol Aqueduct.

JRP Historical Consulting Services and California Department of Transportation Cultural Studies Office. *Water Conveyance Systems in California: An Historic Context and Evaluation Procedure.* Sacramento: California Department of Transportation, May 1997.

Schuyler, James D., Consulting Engineer, "Report on the Value of the Water Works and Property of the Spring Valley Water Company, for Rate-Fixing Purposes, January 1, 1904." MS., Water Resources Center Archives, University of California, Berkeley.

Spring Valley Water Company, "Preliminary Report on the Usefulness of Structures, Spring Valley Water Company," February 16, 1912, MS., Water Resources Center Archives, University of California, Berkeley.

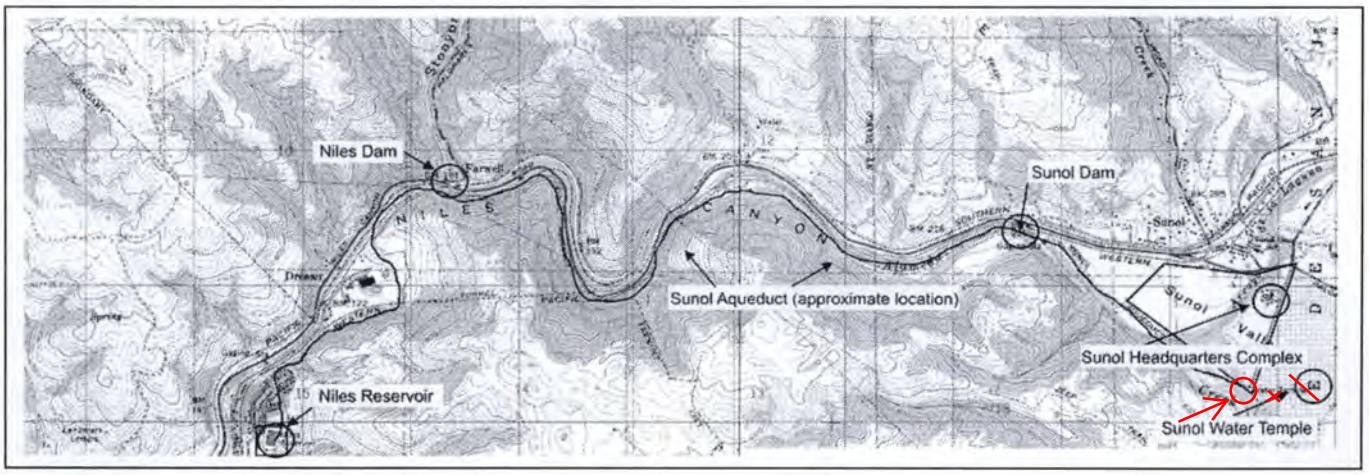
State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

Primary # P-01-011452
HRI #
Trinomial

Page 17 of 17 *Resource Name or # (Assigned by recorder) SVWC's Alameda Creek system

*Recorded by Amanda Blosser *Date October 2002 ☒ Continuation ☐ Update

Location Map

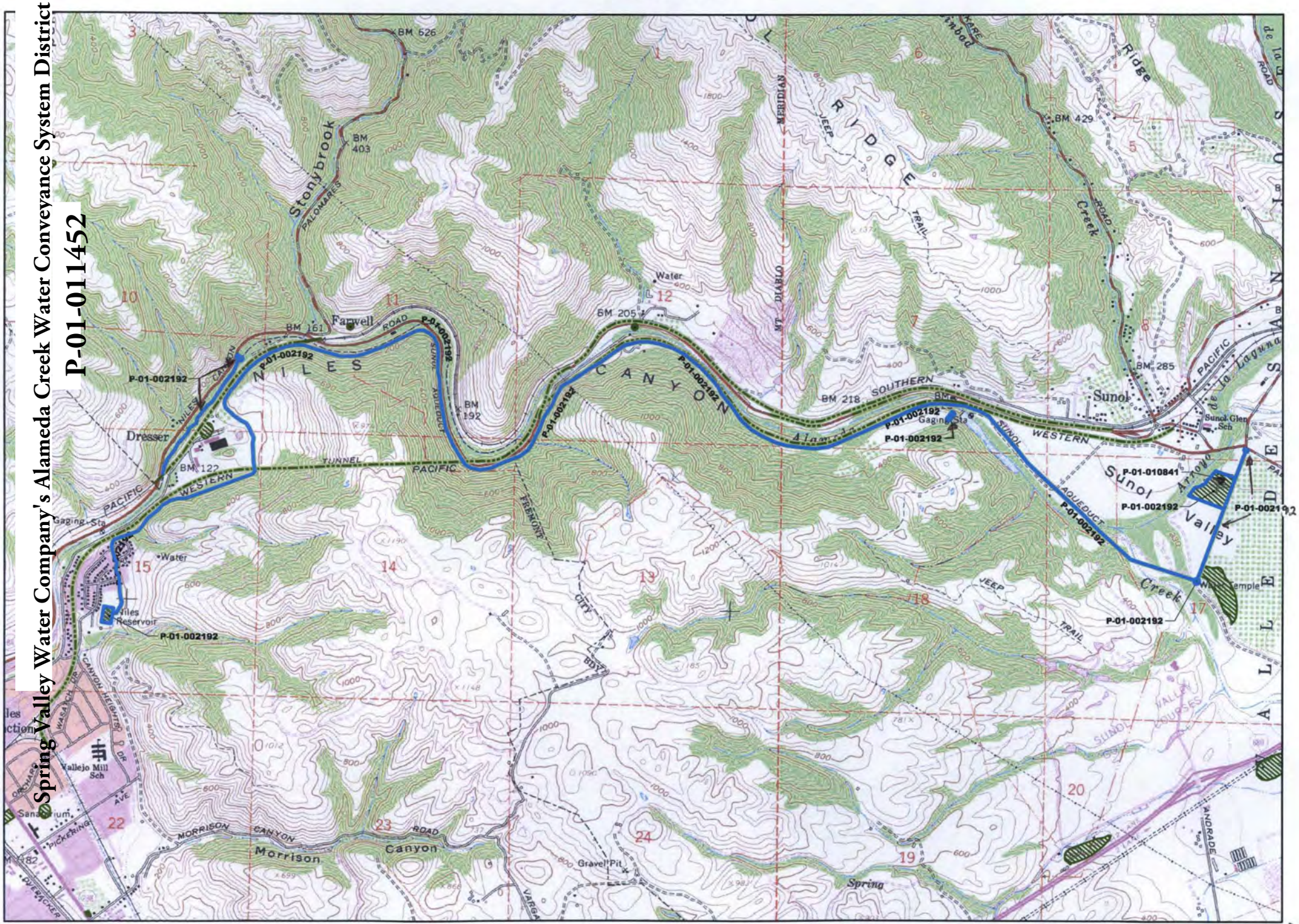


Sunol Water Temple District & elements as of 7/8/2010. Niles Quad

P-01-002192

P-01-011452

Spring Valley Water Company's Alameda Creek Water Conveyance System District 11/2013



ATTACHMENT C

CALTRANS BRIDGE INVENTORY FORM

Caltrans Bridge #33-0035; Farwell Underpass

State Agency Bridges, District 4, September 2022

Structure Maintenance & Investigations



Historical Significance - State Agency Bridges

District 04

Alameda County

Bridge Number	Bridge Name	Location	Historical Significance	Year Built	Year Wid/Ext
33 0002	EDENVALE UNDERPASS	04-ALA-238-2.19-FMT	4. Historical Significance not determined	1921	1937
33 0003	ALAMEDA CREEK	04-ALA-238-3.46-FMT	5. Bridge not eligible for NRHP	1937	2006
33 0005	DRY CREEK	04-ALA-238-7.19-UNC	5. Bridge not eligible for NRHP	1929	1969
33 0007	SAN LEANDRO CREEK	04-ALA-580-R34.55-SLN	5. Bridge not eligible for NRHP	1964	
33 0009Z	LANDVALE SIDEHILL VIADUCT	04-ALA-013-R9.55-OAK	5. Bridge not eligible for NRHP	1934	1970
33 0012	ARROYO LAS POSITAS	04-ALA-580-13.82	5. Bridge not eligible for NRHP	1972	2011
33 0012S	ARROYO LAS POSITAS	04-ALA-580-13.86	5. Bridge not eligible for NRHP	2011	
33 0013	COTTONWOOD CREEK	04-ALA-580-15.63	5. Bridge not eligible for NRHP	1972	
33 0014	RANCHO DRAIN	04-ALA-580-17.57-PLE	5. Bridge not eligible for NRHP	1970	
33 0015L	TASSAJARA CREEK	04-ALA-580-18.32-PLE	5. Bridge not eligible for NRHP	1966	2015
33 0015R	TASSAJARA CREEK	04-ALA-580-18.32-PLE	5. Bridge not eligible for NRHP	1966	2015
33 0016G	W580-N&S680 CONNECTOR	04-ALA-580-20.56-PLE	5. Bridge not eligible for NRHP	1965	1991
33 0016L	ALAMO CANAL	04-ALA-580-20.56-PLE	5. Bridge not eligible for NRHP	1952	1996
33 0016R	ALAMO CANAL	04-ALA-580-20.56-PLE	5. Bridge not eligible for NRHP	1952	1996
33 0020	POWELL STREET UC	04-ALA-080-3.79-EMV	5. Bridge not eligible for NRHP	1954	1998
33 0023	UNIVERSITY AVENUE OC	04-ALA-080-5.82-BER	5. Bridge not eligible for NRHP	1939	1956
33 0026L	GREENVILLE ROAD UC	04-ALA-580-R8.29	5. Bridge not eligible for NRHP	1969	
33 0026R	GREENVILLE ROAD UC	04-ALA-580-R8.29	5. Bridge not eligible for NRHP	1969	
33 0028	FIBREBOARD UC	04-ALA-080-3.96-EMV	5. Bridge not eligible for NRHP	1954	1997
33 0030	EAST NILES UNDERPASS	04-ALA-084-10.71-FMT	4. Historical Significance not determined	1937	
33 0034	ROSEWARNES UNDERPASS	04-ALA-084-12.10-FMT	2. Bridge is eligible for NRHP	1906	
33 0035	FARWELL UNDERPASS	04-ALA-084-13.03	2. Bridge is eligible for NRHP	1932	
33 0036	ALAMEDA CREEK (RICHMOND BRIDGE)	04-ALA-084-13.33	5. Bridge not eligible for NRHP	1928	
33 0039	ALAMEDA CREEK BOH	04-ALA-084-14.32	2. Bridge is eligible for NRHP	1947	
33 0041	FRUITVALE AVENUE OH	04-ALA-880-28.24-OAK	5. Bridge not eligible for NRHP	1947	1963
33 0042	SILVER SPRINGS UP AND OFF RAMP SEPARATION	04-ALA-084-16.93	5. Bridge not eligible for NRHP	1941	
33 0043	ARROYO DE LA LAGUNA	04-ALA-084-17.22	5. Bridge not eligible for NRHP	1939	
33 0046Y	ARROYO DE LA LAGUNA	04-ALA--	5. Bridge not eligible for NRHP	1941	1983
33 0047	ALAMEDA CREEK	04-ALA-680-R10.15	5. Bridge not eligible for NRHP	1927	1990
33 0051L	EL CERRITO SEPARATION & OH	04-ALA-080-R7.20-ALB	5. Bridge not eligible for NRHP	1960	1998
33 0051R	80/580 EL CERRITO SEPARATION OH	04-ALA-080-R7.20-ALB	5. Bridge not eligible for NRHP	1999	
33 0053	NILES JUNCTION UNDERPASS	04-ALA-084-10.63-FMT	4. Historical Significance not determined	1937	
33 0060	FOLGER AVENUE UNDERPASS	04-ALA-013-13.69-BER	4. Historical Significance not determined	1935	
33 0061L	DISTRIBUTION STRUCTURE	04-ALA-580-46.50L-OAK	5. Bridge not eligible for NRHP	1955	2007
33 0061R	DISTRIBUTION STRUCTURE	04-ALA-580-46.50R-OAK	5. Bridge not eligible for NRHP	1935	1999
33 0066	ARROYO SECO	04-ALA-580-11.04-LVMR	5. Bridge not eligible for NRHP	1954	2015
33 0082	MULFORD OVERHEAD	04-ALA-112-R0.06-SLN	5. Bridge not eligible for NRHP	1982	
33 0085	ARROYO LAS POSITAS	04-ALA-580-11.72	5. Bridge not eligible for NRHP	1972	2015
33 0086	SAN LEANDRO BAY	04-ALA-061-18.55-ALA	5. Bridge not eligible for NRHP	1953	
33 0086Z	SAN LEANDRO BAY BIKE BRIDGE	04-ALA---ALA	5. Bridge not eligible for NRHP	1996	
33 0088L	HEGENBERGER ROAD OC	04-ALA-880-25.50-OAK	5. Bridge not eligible for NRHP	1996	
33 0088R	HEGENBERGER ROAD OC	04-ALA-880-25.49-OAK	5. Bridge not eligible for NRHP	1976	
33 0092	MOUNT EDEN OVERHEAD	04-ALA-092-R4.91-HAY	5. Bridge not eligible for NRHP	1966	2014

ATTACHMENT D

PEDESTRIAN FIELD SURVEY IMAGES

September 9, 2022



Niles Canyon Trail Project: Segment 1. Representative image of rails, ties, and ballast. View northeast. LSA photograph, 9/9/2022.



Niles Canyon Trail Project - Segment 1. Proposed trail alignment to left of tree in middle distance. View west. LSA photograph, 9/9/2022.



Niles Canyon Trail Project - Segment 1. Eastern terminus of proposed trail alignment due to fences and uneven terrain. View south of fence line. LSA photograph, 9/9/2022.



Niles Canyon Trail Project - Segment 1. Niles Canyon Railroad segment (at Alston). View east. LSA photograph, 9/9/2022.



Niles Canyon Trail Project - Segment 1. Niles Canyon Railroad segment east of Alston. View of rail line, grade, rails, ties, ballast, and telegraph/code line poles. View east. LSA photograph, 9/9/2022.



Niles Canyon Trail Project - Segment 1. Niles Canyon Railroad segment east of Alston. View of rail line, grade, rails, ties, ballast, and Weller Bridge in distance. View east. LSA photograph, 9/9/2022.



Niles Canyon Trail Project - Segment 1. Niles Canyon Railroad segment east of SR 84. View of rail line, grade, rails, ties, ballast, and Weller Bridge in distance. View west. LSA photograph, 9/9/2022.



Niles Canyon Trail Project - Segment 1. Palomares Road – project staging area. Palomares Road at bottom. View north. LSA photograph, 9/9/2022.

APPENDIX E

PHASE I ENVIRONMENTAL SITE ASSESSMENT

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ALAMEDA COUNTY PUBLIC WORKS NILES CANYON TRAIL PROJECT

FREMONT, CALIFORNIA

DRAFT

PHASE I ENVIRONMENTAL SITE ASSESSMENT

SUBMITTED TO
Mr. Robert Stevens
CSW/Stuber-Stroeh Engineering Group, Inc.
504 Redwood Boulevard
Novato, CA 94947

PREPARED BY
ENGEO Incorporated

July 20, 2023

PROJECT NO.
17268.000.000

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ENGEO
Expect Excellence

Project No.
17268.000.000

July 20, 2023

Mr. Robert Stevens
CSW/Stuber-Stroeh Engineering Group, Inc.
504 Redwood Boulevard
Novato, CA 94947

Subject: Alameda County Public Works Niles Canyon Trail Project
Fremont, California

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Dear Mr. Stevens:

ENGEO is pleased to present our phase I environmental site assessment of the subject property (Property), located in Fremont, California. The attached report includes a description of the site assessment activities, along with ENGEO's findings, opinions, and conclusions regarding the Property.

ENGEO has the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the Property, and has developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312 and the American Society for Testing and Materials (ASTM) Practice E1527-21. We declare that, to the best of our professional knowledge and belief, the responsible charge for this study meets the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 312 and ASTM E1527-21.

We are pleased to be of service to you on this project. If you have any questions concerning the contents of our report, please contact us.

Sincerely,

ENGEO Incorporated

Rian Montagh

Shawn Munger, CHG, CEG, QSD

rm/sm/ca

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EXECUTIVE SUMMARY

ENGEO conducted a phase I environmental site assessment for the subject property located in Fremont, California (Property). The Property is approximately 7 acres in area.

The Property consists of a 5.8-mile-long corridor that traverses Niles Canyon and links east Fremont with unincorporated Sunol. The Property is located within the public right-of-way. It is mostly vacant and undeveloped and highly vegetated. Review of historical records indicates that the Property has remained undeveloped land since at least 1906. The proposed site use of the Property is a pedestrian, bike, and equestrian trail. The proposed 10-foot-wide improvements will utilize existing roadway, railway, and aqueduct corridors. The trail improvements are currently in the Environmental Impact Assessment (EIR) review process.

This assessment included a review of local, state, tribal, and federal environmental record sources, standard historical sources, aerial photographs, fire insurance maps and physical setting sources. A reconnaissance of the Property was completed to review site use and current conditions to check for the storage, use, production, or disposal of hazardous or potentially hazardous materials and to conduct written/oral interviews with persons knowledgeable about current and past site use.

The site reconnaissance and records review did find documentation or physical evidence of soil, soil gas, or groundwater impairments associated with the use or past use of the Property. A review of regulatory databases maintained by county, state, tribal, and federal agencies found documentation of hazardous materials violations or discharge on the Property and did identify contaminated facilities within the appropriate ASTM search distances that would reasonably be expected to impact the Property.

Based on the findings of this assessment, no Recognized Environmental Conditions (RECs), no historical RECs, and no controlled RECs were identified for the Property.

Based on the review of regulatory databases and site reconnaissance, we present information on features of potential environmental concern that were either contained in the databases or observed on the Property. These features were not considered to be RECs. We briefly discuss each feature below.

Niles Canyon Railway and Union Pacific Railway

Two railroad tracks, Niles Canyon and Union Pacific, extend through Niles Canyon parallel to the Property, such that at some locations, the Property may be within 20 feet of railroad tracks. Niles Canyon Railroad has operated since 1869, and the Union Pacific Railroad has operated since 1909. Niles Canyon Railway is generally to the north of the Property and the Union Pacific Railroad is generally south of the Property. Towards the eastern side of the Property, both railroads lie to the south. Railroads are commonly associated with the presence of lead, arsenic, total petroleum hydrocarbons (TPH), and polynuclear aromatic hydrocarbons (PNAs).

Mission Clay Products

Mission Clay Products was a pottery and clay mining facility directly south of the Property, about 1 mile from the western end. The facility was first developed in 1907. Two fuel oil vaults and two underground storage tanks were installed at the facility over time. These vaults and tanks were

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removed in 1987 to 2000, along with 15,593 tons of soil impacted with TPH. Additional excavations were conducted in 2019 in areas where soil and groundwater were still impacted. Small amounts of floating petroleum hydrocarbons (less than 2 inches in diameter) that resembled degraded crude oil were observed in a seasonal isolated channel near the Alameda Creek. Soil was excavated and about 3.6 million gallons of TPH-impacted groundwater were pumped from the excavations and treated on the until no TPH remained, other than an area by the railroad tracks, so as to not disturb the railroad. This area was treated with PersolfOx, a chemical oxidizer. The Property may overlap with this section of the Mission Clay site and with the groundwater plume that extends from the Mission Clay site to Alameda Creek.

We have performed a phase I environmental site assessment in general conformance with the scope and limitations of ASTM E1527-21 and the standards and practices of the All Appropriate Inquiry – Final Rule (40 Code of Federal Regulations Part 312). Any exception to, or deletions from this practice are described in Section 8.1 of the report.

It is our opinion that the findings of this study are based on a sufficient level of information obtained during our contracted scope of services to render a conclusion as to whether additional appropriate investigation is required to identify the presence or likely presence of a REC. The following data gap was identified.

- Due to the site use of the Property as a trail, there is no title report associated with the Property. The Property is located within public land that is not associated with Assessor's Parcel Numbers (APNs), and traverses multiple sites.

The data gap identified during this process does not affect the conclusions as to the presence or lack of presence of RECs at the Property.

Given the noted features of potential environmental concern, we recommend the following.

- A phase II environmental site assessment should be performed to address potential contamination associated with the adjacent railroads. This would include surface soil sampling along sections of the Property that are near railroad tracks to determine if lead, arsenic, TPH, and/or PNAs are present on the Property.
- A soil management plan should be prepared prior to grading and trail construction to address potential impacts, particularly near the former Mission Clay Products facility.

Please note, the findings from this report are valid until June 30, 2024, and updates of portions of the assessment may be necessary after December 30, 2023.

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1.0 INTRODUCTION

1.1 PURPOSE OF PHASE I ENVIRONMENTAL SITE ASSESSMENT

This assessment was performed at the request of CSW/Stuber-Stroeh for the purpose of evaluating the planned trail development as part of the Environmental Impact Review (EIR) process. The objective of this phase I environmental site assessment is to identify Recognized Environmental Conditions (RECs) associated with the Property. As defined in the ASTM Standard Practice E1527-21, an REC is "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment."

1.2 DETAILED SCOPE OF SERVICES

The scope of services performed included the following.

- A review of publicly available and practicably reviewable standard local, state, tribal, and federal environmental record sources.
- A review of publicly available and practicably reviewable standard historical sources, aerial photographs, fire insurance maps and physical setting sources.
- A reconnaissance of the Property to review site use and current conditions. The reconnaissance was conducted to check for the storage, use, production or disposal of hazardous or potentially hazardous materials.
- Written/oral Interviews with owners/occupants and public sector officials.
- Preparation of this report with our findings, opinions, and conclusions.

1.3 SITE LOCATION AND DESCRIPTION

The Property is located in Niles Canyon within Alameda County, California (Figures 1 and 2). The approximately 5.8-mile-long Property is on primarily public land and is currently vacant.

1.4 CURRENT USE OF PROPERTY AND ADJOINING PROPERTIES

The Property is currently vacant, vegetated land that transverses Niles Canyon from Old Canyon Road in Fremont to Foothill Road in Sunol. It is bordered to the north and/or south, depending on the section of the Property, by Alameda Creek and two sets of railroad tracks.

Based on a review of current records and our site reconnaissance, the adjoining site users are summarized below.

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TABLE 1.4-1: Adjoining Site Uses

DIRECTION	SITE USE
North	Alameda Creek, Niles Canyon Road, railroad tracks
South	Railroad tracks and Alameda Creek
East	Old Canyon Road, Fremont
West	Foothill Road, Sunol

1.5 SITE AND VICINITY CHARACTERISTICS

According to published topographic maps, site grades at the Property ranges from approximately Elevation 80 feet in the west to approximately Elevation 300 feet in the middle sections of the Property. Review of the Geologic Map of the Niles Quadrangle, Alameda County, California Geologic Map (Dibblee, 2005) found that the Property is underlain by Quaternary-aged sand and gravel of major stream channels (Qg) in the area near the Alameda Creek, and the Panoche Formation, which contains clay shale or claystone (Kp) and sandstone (Kps) from the late Cretaceous period. In addition, a few portions of the Property are underlain by alluvial gravel, sand, and clay of valley areas (Qa) and landslide rubble from upslope rocks (Qls).

Geocheck – Physical Setting Source Summary of the Environmental Data Resources, Inc. (EDR) report (Appendix A) indicated two federal United States Geological Survey (USGS) and 11 state wells located within 1 mile of the Property. Well Number 0110019-001 is mapped approximately 250 feet north of the Property and no groundwater level measurements are reported for this well.

We reviewed the Department of Water Resources On-line Water Data Library for depth to water in the vicinity of the Property. The website identified seven wells within 1 mile of the Property.

We reviewed EnviroStor, a website maintained by the State of California Department of Toxic Substances Control, and GeoTracker, a website maintained by the State of California Water Resources Control Board, for nearby facilities with records that include depth-to-groundwater measurements. The following information was obtained regarding local groundwater conditions.

TABLE 1.5-1: Local Groundwater Conditions

PROXIMITY TO PROPERTY	REPORTED DEPTH TO GROUNDWATER	REPORTED GROUNDWATER FLOW DIRECTION
Adjacent	25.02 to 27.02 feet	Southwest
500 feet southeast	15 to 32 feet	Southwest
890 feet east	24 feet	Southwest

The site-specific depth to groundwater and direction of groundwater flow were not determined as part of this assessment. Fluctuations in groundwater levels may occur seasonally and over a period of years due to variations in precipitation, temperature, irrigation, and other factors.

We reviewed the Department of Conservation, Geologic Energy Management (CalGEM), website and map database to determine if any historic oil or gas wells were located within the Property. No oil or gas wells were mapped within 1 mile of the Property.

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We reviewed the National Pipeline Mapping System (NPMS) public viewer website for information about petroleum, natural gas, or hazardous liquid storage, processing, or transmission facilities in the vicinity of the Property. No facilities and one gas transmission pipeline were mapped within ¼ mile of the Property. The pipeline is operated by Pacific Gas & Electric and is actively transporting natural gas. No accidents are reported near the Property. The pipeline extends for about 2 miles adjacent to the eastern half of the Property and appears to lie beneath Niles Canyon Road.

1.6 INDOOR AIR QUALITY

An evaluation of indoor air quality, mold, or radon was not included as part of the contracted scope of services. The California Department of Public Health has conducted studies of radon risks throughout the state, sorted by zip code. Results of the studies indicate that 63 tests were conducted within the 94536 Property zip code, with three tests exceeding the current EPA action level of 4 picocuries per liter (pCi/L)[1]. Thirty tests were conducted within the 94586 Property zip code, with six tests exceeding the current EPA action level of 4 pCi/L.

In accordance with ASTM E2600-15 (Tier 1) (*Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*); there are five potential petroleum hydrocarbon sources for vapor intrusion within 1/10 mile of the Property and no volatile organic compound (VOCs) sources within 1/3 mile of the Property.

2.0 RECORDS REVIEW

2.1 PROPERTY RECORDS

2.1.1 Title Report/Ownership

The Title Report lists recorded land title detail, ownership fees, leases, land contracts, easements, liens, deficiencies, and other encumbrances attached to or recorded against a subject property. Laws and regulations pertaining to land trusts vary from state to state and the detail of information presented in a Title Report can vary greatly by jurisdiction. As a result, ENGEO utilizes a Title Report, when provided to us, as a supplement to other historical record sources. ENGEO assumes that any environmental lien, activity use limitations (AUL), and/or institutional controls for the Property are noted in the Preliminary Title Report.

Due to the site use of the Property as a trail, there is no title report associated with the Property as it is on mostly public land and traverse multiple sites.

2.1.2 Environmental Liens and Activity Use Limitations

We reviewed two engineering control (EC) and institutional control (IC) registries: EnviroStor, a website maintained by the State of California Department of Toxic Substances Control, and GeoTracker, a website maintained by the State of California Water Resources Control Board, for environmental liens or AULs associated with the Property. No records of environmental liens or AULs were noted.

[1] California Department of Public Health – Radon Program– (https://www.cdph.ca.gov/Programs/CEH/DRSEM/CDPH%20Document%20Library/EMB/Radon/Radon%20Test%20Results.pdf).

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2.2 HISTORICAL RECORD SOURCES

The purpose of the historical record review is to develop a history of the previous uses or occupancies of the Property and surrounding areas to identify those uses or occupancies that are likely to have led to recognized environmental conditions on the Property.

2.2.1 Historical Topographic Maps/Aerial Photographs/Sanborn Maps

Historical USGS topographic maps and aerial photographs maps were reviewed to determine if discernible changes pertaining to the Property had been recorded. EDR provided the following maps and photographs, presented in Appendices B and C. A Sanborn fire insurance map search did not identify maps for the Property; the search report is presented in Appendix D.

TABLE 2.2.1-1: Historical Review Summary

HISTORICAL MAP/PHOTOGRAPH	YEARS
Topographic Maps	1906, 1941, 1947, 1953, 1960, 1961, 1968, 1973, 1978, 1980, 2012, 2015, 2018
Aerial Photographs	1939, 1946, 1948, 1954, 1958, 1963, 1968, 1979, 1982, 1993, 2006, 2009, 2012, 2016, 2020
Sanborn Maps	N/A

Topographic maps show that Alameda Creek, the adjacent Niles Canyon Road, and Niles Canyon Railroad have existed in their approximate current alignments at least since 1906. At this time, a few structures were situated along the creek and road. A 1939 photograph shows that a parcel south of the Property on the Sunol end has been graded. By 1941, a railroad tunnel has been built through the canyon mountains about ½ mile south of the Fremont side of the Property, and a cluster of buildings for a pottery plant appears close to the Fremont end of the Property. A 1946 photograph confirms that the pottery plant has been developed and is located next to a small agricultural plot. In 1953, a pipeline is mapped parallel to the entirety of the Property, which is later labelled in 1961 as the Sunol Aqueduct. In 1958, the graded parcel south of the Sunol terminus of the Property has been divided into agricultural fields. By 1968, grading and development is visible at the Niles Canyon Railroad Yard and the Pacific Railroad Association in the midsection of the Property. Residential plots are visible to the east of the railyard. Aerials from 2006 show that some of the agricultural plots in Sunol have been converted to solar panel facilities.

2.2.2 City Directory

City Directories, published since the 18th century for major towns and cities, list the name of the resident or business associated with each address. A city directory search conducted by EDR is located in Appendix E. The City Directory did not return any findings for the Property, as the Property is not associated with any addresses.

2.3 ENVIRONMENTAL RECORD SOURCES

EDR performed a search of federal, tribal, state, and local databases regarding the Property and nearby properties. Details regarding the databases searched by EDR are provided in Appendix A. A list of the facilities documented by EDR within the approximate minimum search distance of the Property is provided below.

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2.3.1 Environmental Records

2.3.1.1 Property

The Property is not listed on Environmental Record source databases.

2.3.1.2 Other Properties

The following databases include facilities listed within the appropriate ASTM search distances of the Property on Environmental Records sources.

TABLE 2.3.1.2-1: Environmental Database Listings for Nearby Properties

FACILITY	STREET	DATABASES
KI-LITE PIT & MILL		MINES MRDS
KIT-LITE MINE AND MILL		MINES MRDS
NILES CANYON ROAD PIT		MINES MRDS
NILES QUARRY		MINES MRDS
SILVA BROS.		MINES MRDS
SU ORO CO		US MINES
QUARRY, SUNOL PIT		MINES MRDS
LOUTHAN PROPERTY	11930 MAIN ST	LUST, Cortese, HIST CORTESE, CERS
SUNOL RADIOGRAPHIC INSPECTION	11973 FOOTHILL RD	FINDS, RCRA NonGen / NLR, ECHO, HAZNET, HWTS
NUNES SERVICES	12181 FOOTHILL RD	HWTS
1X WELLS FARGO BANK, TYLER RANCH	12371 FOOTHILL ROAD	HAZNET, HWTS, HIST UST, NON-CASE INFO, SWEEPS UST, HIST CORTESE, RGA LUST
TYLER RANCH STAGING AREA PLEASANTON RIDGE REGIONAL PARK	12574 FOOTHILL ROAD	NPDES, CIWQS
WILSON PROPERTY MANAGEMENT	141 KILKARE ROAD	RCRA NonGen / NLR
MISSION CLAY PRODUCTS - SCP	2225 NILES CANYON RD	CPS-SLIC
FRIES, DANIEL	1365 OLD CANYON RD APT 5	HAZNET, HWTS
MODERN ALLOYS INC	2415 OLD CANYON RD	HIST UST
SUNOL COMMUNICATION CENTE	3700 PALOMARES	HIST CORTESE
WEED PROPERTY	37266-37268 NILES BOULEVARD	ENVIROSTOR
NILES SQUARE	37482 - 37862 NILES BLVD	VCP, ENVIROSTOR
L & M AUTO SERVICE (EAR)	37810 NILES BLVD	CA FID UST, LUST, Cortese, SWEEPS UST, HIST CORTESE, CERS
AMCHEM PRODUCTS, INC, HENKEL SURFACE TECHNOLOGIES	37899 NILES BOULEVARD	HIST Cal-Sites, CA BOND EXP. PLAN, CORRACTS, SEMS-ARCHIVE, RCRA-SQG, FINDS, RCRA-TSDF, ECHO, 2020 COR ACTION, CPS-SLIC, CA FID UST,

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FACILITY	STREET	DATABASES
		HIST UST, DEED, Cortese, SWEEPS UST, ENVIROSTOR, RESPONSE, HIST CORTESE, HWP, ENF, CIWQS, CERS, PFAS, TSCA
SUPER 7 NO. 18908	38010 MISSION BLVD	LUST, Cortese, HIST CORTESE, NPDES, CIWQS, CERS
THE LANDING WEST (FORMER SHANNON TOWNHOMES)	38861 AND 38873 MISSION BOULEVARD	VCP, ENVIROSTOR
SFPUC SUNOL YARD AND PUMP STATION, SFWD SUNOL YARD	505 PALOMA	Alameda County CS, LUST, Cortese, CERS, LUST, HIST CORTESE
SRDC INC	5550 NILES CANYON RD	FINDS, EMI, Alameda County CS, WDS, NON-CASE INFO, CERS, CERS TANKS, CERS HAZ WASTE
NILES CANYON RAILWAY	5550 NILES CANYON ROAD	NPDES, CIWQS, CERS
MANJIT SINGH	5551 NILES CANYON RD	HAZNET, HWTS
NILES CANYON MOBIL	711 OLD CANYON RD	EDR Hist Auto
MISSION CLAY PRODUCTS QUARRY	P.O. BOX 549	MINES

Niles Canyon Railway and Union Pacific Railway

Two railroad tracks, Niles Canyon and Union Pacific, extend through Niles Canyon parallel to the Property, such that at some locations, the Property may be within 20 feet of railroad tracks. Niles Canyon Railroad has operated since 1869, and the Union Pacific Railroad has operated since 1909. Niles Canyon Railway is generally to the north of the Property and the Union Pacific Railroad is generally south of the Property. Towards the eastern side of the Property, both railroads lie to the south. Railroads are commonly associated with the presence of lead, arsenic, total petroleum hydrocarbons (TPH), and polynuclear aromatic hydrocarbons (PNAs).

Mission Clay Products

Mission Clay Products was a pottery and clay mining facility directly south of the Property, about 1 mile from the western end. The facility was first developed in 1907. Two fuel oil vaults and two underground storage tanks were installed at the facility over time. These vaults and tanks were removed in 1987 to 2000, along with 15,593 tons of soil impacted with TPH. Additional excavations were conducted in 2019 in areas where soil and groundwater were still impacted. Small amounts of floating petroleum hydrocarbons (less than 2 inches in diameter) that resembled degraded crude oil were observed in a seasonal isolated channel near the Alameda Creek. Soil was excavated and about 3.6 million gallons of TPH-impacted groundwater were pumped from the excavations and treated until no TPH remained, other than an area by the railroad tracks, so as to not disturb the railroad. This area was treated with PersolfOx, a chemical oxidizer. The Property may overlap with this section of the Mission Clay site and with the groundwater plume that extends from the Mission Clay site to Alameda Creek.

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To address the contamination left near the railroad, a trench was excavated between the railroad and Alameda Creek in a way to allow ongoing monitoring and treatment of groundwater passing through the trench.

Niles Canyon Railway, Sunol Depot

In 2014, a surface spill of oil from a locomotive occurred on the railroad tracks near the Niles Canyon Railway station and museum, located at 6 Kilkare Road, about 35 feet south of the eastern end of the Property. The railroad representative estimated that only 2 to 5 gallons of No. 6 Fuel Oil spilled onto the train tracks. In July of 2016, remediation occurred, which included removing four drums of soil and ballast and confirmation sampling. The remediation report concluded that no major impacts resulted from the spill. However, a Notice to Comply statement from the ACDEH stated that oil was found in a nearby well and that it may be associated with the spill. Given that the surface contamination has been removed, deeper oil impacts are not likely to have an effect on the Property given the use as a trail.

Based on the distances to the identified database sites, regional topographic gradient, and the EDR findings, it is unlikely that the above-stated database sites pose an environmental risk to the Property. Many properties are on the "Orphan Summary" list, with a total of 145. Some of them appear to be located beyond the ASTM recommended radius search criteria, but others are within the search criteria. Some of the Orphans are duplicates of listings on the EDR Radius Report. Many of the Orphans are vehicle incidents on Niles Canyon Road or on the railroad tracks that resulted in injury and/or a fuel leak or are associated with Alameda Creek. One Orphan at 12565 Foothill Road #B may overlap with the Property and is reported to have had 4 tons of asbestos-containing waste that was disposed of by landfill or surface impoundment.

2.4 REGULATORY AGENCY FILES AND RECORDS

The following agencies were contacted pertaining to possible past development and/or activity at the Property.

TABLE 2.4-1: Regulatory Agency Records

NAME OF AGENCY	RECORDS REVIEWED
City of Fremont Environmental Services	We contacted the City of Fremont Environmental Services on June 30, 2023, regarding environmental records for the Property. Environmental Services indicated they have no files pertaining to the Property.
City of Fremont Fire Department	We contacted the City of Fremont Fire Department on June 30, 2023, regarding environmental records for the Property. The Fire Department indicated they have no files pertaining to the Property.
Alameda County Public Works Agency	We contacted the Alameda County Public Works Agency regarding environmental records for the Property on July 5, 2023. The Public Works Agency indicated they have no files pertaining to the Property.
Alameda County Department of Environmental Health	We contacted the Alameda County Department of Environmental Health on June 30, 2023, regarding environmental records for the Property. The Alameda County Department of Environmental Health indicated they have no files pertaining to the Property and directed us to GeoTracker.

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NAME OF AGENCY	RECORDS REVIEWED
Alameda County Water District	We contacted the Alameda County Water District on June 30, 2023, regarding environmental records for the Property. The Water District indicated they have no files pertaining to the Property, and directed us to GeoTracker
Alameda County Fire Department	We contacted the Alameda County Fire Department on June 30, 2023, regarding environmental records for the Property. The Alameda County Fire Department indicated they have no files pertaining to the Property.
California State Water Resources Control Board	We reviewed GeoTracker, the website maintained by the State Water Resources Control Board, for files pertaining to the Property. No listings were found for the Property.
Department of Toxic Substances Control (DTSC)	We reviewed EnviroStor, the website maintained by DTSC, for files pertaining to the Property. No listings were found for the Property.

3.0 SITE RECONNAISSANCE

3.1 METHODOLOGY

We conducted a reconnaissance of the Property on July 14, 2023. The reconnaissance was performed by Rian Montagh, a staff environmental engineer of ENGEO. The Property was viewed for hazardous materials storage, superficial staining or discoloration, debris, stressed vegetation, or other conditions that may be indicative of potential sources of soil or groundwater contamination. The Property was also checked for evidence of fill/ventilation pipes, ground subsidence, or other evidence of existing or preexisting underground storage tanks. Photographs taken during the site reconnaissance are presented in Figure 4.

The Property resides on undeveloped land with heavy vegetation and follows Alameda Creek. Due to these characteristics, limitations to the reconnaissance include lack of direct access to some parts of the Property. Therefore, some parts of the site reconnaissance were conducted adjacent to the Property, on Niles Canyon Road.

3.2 GENERAL SITE SETTING

The Property extends 5.8 miles east to west in a heavily vegetated valley along Alameda Creek. This Property spans from Fremont to Sunol, passing through Dresser and Brightside. The westernmost end of the Property is the developed Alameda Creek trail and tapers off into an unpaved trail 900 feet from the western end of the Property. Two railroad tracks, Niles Canyon Road and Alameda Creek extend alongside the Property. Some storm damage was observed on the banks of the Alameda Creek, as shown in Figure 3.

3.3 SITE OBSERVATIONS

The following table summarizes our observations during the reconnaissance.

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TABLE 3.3-1: Site Observations

FEATURE TYPE	OBSERVATIONS
Structures	No structures were observed on the Property during the site reconnaissance.
Hazardous Substances and Petroleum Products in Connection with Identified Uses	No hazardous substances or petroleum products were observed within the Property during the site reconnaissance.
Storage Tanks (underground and above-ground)	No above-ground storage tanks or evidence of existing underground storage tanks were observed during the site reconnaissance.
Roads	The Property extends adjacent to Niles Canyon Road and two railroad tracks. Old Canyon Road bounds the Property to the south at the western end of the Property. The Niles Canyon Staging Area parking lot lies at the west end of the Property. The Niles Canyon Railway parking lot resides at the eastern end of the Property.
Strong, Pungent, or Noxious Odors and Their Sources	No odors indicative of hazardous materials or petroleum material impacts were noted at the time of the reconnaissance.
Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products	No pools of potentially hazardous liquid were observed within the Property at the time of our reconnaissance.
Drums, Totes, and Intermediate Bulk Containers	One drum from Zep Inc., a cleaning products manufacturer, was observed on the Property at the time of the reconnaissance.
Polychlorinated Biphenyls (PCBs) Containing Equipment	Two transformers, potential PCB-containing equipment, were observed at the eastern end of the Property during our site reconnaissance.
Hazardous Substances and Petroleum Product Containers	No hazardous substance or petroleum product containers were observed on the Property at the time of our reconnaissance.
Stains or Corrosion on Floors, Walls, or Ceilings (Except Water Staining)	No stains or corrosion on floors, walls, or ceilings were observed on the Property at the time of our reconnaissance.
Drains and Sumps	No drains or sumps were observed within the Property at the time of our reconnaissance.
Pits, Ponds, and Lagoons	No pits, ponds, or lagoons were observed within the Property at the time of our reconnaissance.
Stained Soil/Pavement	No stained soil or pavement were observed within the Property at the time of our reconnaissance.
Stressed Vegetation	No signs of stressed vegetation were observed on the Property at the time of our reconnaissance.
Solid Waste/Debris	Debris was observed at the western end of the Property. Debris included, but was not limited to, cardboard, plastic, wood, furniture, clothing, food, and electronics.
Stockpiles/Fill Material	No stockpiles or fill material were observed on the Property during the reconnaissance.
Wastewater	No wastewater conveyance systems were observed at the Property during the reconnaissance.
Wells	No wells were found within the Property during our site reconnaissance.
Septic Systems	No septic systems were found within the Property during our site reconnaissance.

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3.4 ASBESTOS, LEAD, AND PCB-CONTAINING MATERIALS

No structures are currently located on the Property.

4.0 INTERVIEWS

Mr. Robert Stevens completed a Client-based environmental site questionnaire pertaining to applicable environmental information regarding the Property on July 19, 2023. In the questionnaire, Mr. Stevens identified the Mission Clay site as a potentially environmentally related issue with the Property. Mr. Stevens cited Mission Clay as a known site that is associated with releases and activity and land use restrictions. The questionnaire is presented in its entirety in Appendix F.

Mr. Robert Stevens also completed a Key Site Manager-related environmental site questionnaire pertaining to applicable environmental information regarding the Property, on July 19, 2023. In the questionnaire, Mr. Stevens identified Mission Clay as a known industrial site on the Property. The questionnaire is presented in its entirety in Appendix F.

5.0 FINDINGS AND OPINIONS

This assessment included a review of local, state, tribal, and federal environmental record sources, standard historical sources, aerial photographs, fire insurance maps and physical setting sources. A reconnaissance of the Property was completed to review site use and current conditions to check for the storage, use, production, or disposal of hazardous or potentially hazardous materials and to conduct written/oral interviews with persons knowledgeable about current and past site use.

The site reconnaissance and records review did find documentation or physical evidence of soil, soil gas, or groundwater impairments associated with the use or past use of the Property. A review of regulatory databases maintained by county, state, tribal, and federal agencies found documentation of hazardous materials violations or discharge on the Property and did identify contaminated facilities within the appropriate ASTM search distances that would reasonably be expected to impact the Property.

Based on the findings of this assessment, no RECs, no historical RECs, and no controlled RECs were identified for the Property.

Based on the review of regulatory databases and site reconnaissance, we present information on features of potential environmental concern that were either contained in the databases or observed on the Property. These features were not considered to be RECs. We briefly discuss each feature below.

<u>Niles Canyon Railway and Union Pacific Railway</u>

Two railroad tracks, Niles Canyon and Union Pacific, extend through Niles Canyon parallel to the Property, such that at some locations, the Property may be within 20 feet of railroad tracks. Niles Canyon Railroad has operated since 1869, and the Union Pacific Railroad has operated since 1909. Niles Canyon Railway is generally to the north of the Property and the Union Pacific Railroad is generally south of the Property. Towards the eastern side of the Property, both

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railroads lie to the south. Railroads are commonly associated with the presence of lead, arsenic, total petroleum hydrocarbons (TPH), and polynuclear aromatic hydrocarbons (PNAs).

Mission Clay Products

Mission Clay Products was a pottery and clay mining facility directly south of the Property, about 1 mile from the western end. The facility was first developed in 1907. Two fuel oil vaults and two underground storage tanks were installed at the facility over time. These vaults and tanks were removed in 1987 to 2000, along with 15,593 tons of soil impacted with TPH. Additional excavations were conducted in 2019 in areas where soil and groundwater were still impacted. Small amounts of floating petroleum hydrocarbons (less than 2 inches in diameter) that resembled degraded crude oil were observed in a seasonal isolated channel near the Alameda Creek. Soil was excavated and about 3.6 million gallons of TPH-impacted groundwater were pumped from the excavations and treated on the until no TPH remained, other than an area by the railroad tracks, so as to not disturb the railroad. This area was treated with PersolfOx, a chemical oxidizer. The Property may overlap with this section of the Mission Clay site and with the groundwater plume that extends from the Mission Clay site to Alameda Creek.

5.1 SIGNIFICANT DATA GAPS

It is our opinion that the findings of this study are based on a sufficient level of information obtained during our contracted scope of services to render a conclusion as to whether additional appropriate investigation is required to identify the presence or likely presence of a REC. The following data gap was identified.

- Due to the site use of the Property as a trail, there is no title report associated with the Property. The Property is located within public land that is not associated with Assessor's Parcel Numbers, and traverse multiple sites.

The data gap identified during this process does not affect the conclusions as to the presence or lack of presence of RECs at the Property.

5.2 SIGNIFICANT ASSUMPTIONS OR DEVIATIONS FROM ASTM STANDARD PRACTICE

There were no significant deviations from ASTM Standard Practice E1527-21 in the preparation of this report.

6.0 CONCLUSIONS

It is our opinion that the findings of this study are based on a sufficient level of information obtained during our contracted scope of services to render a conclusion as to whether additional appropriate investigation is required to identify the presence or likely presence of a REC.

We have performed a phase I environmental site assessment in general conformance with the scope and limitations of ASTM E1527-21 and the standards and practices of the All Appropriate Inquiry – Final Rule (40 Code of Federal Regulations Part 312) of the Property. Any exception to, or deletions from this practice are described in Section 8.1 of the report.

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Given the noted features of potential environmental concern, we recommend the following.

- A phase II environmental site assessment should be performed to address potential contamination associated with the adjacent railroads. This would include surface soil sampling along sections of the Property that are near railroad tracks to determine if lead, arsenic, TPH, and/or PNAs are present on the Property.
- A soil management plan should be prepared prior to grading and trail construction to address potential impacts, particularly near the former Mission Clay Products facility.

7.0 LIMITATIONS

7.1 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

The professional staff at ENGEO strives to perform its services in a proper and professional manner with reasonable care and competence but is not infallible. The recommendations and conclusions presented in this report were based on the findings of our study, which were developed solely from the contracted services. The findings of the report are based in part on contracted database research, out-of-house reports, and personal communications. The opinions formed by ENGEO are based on the assumed accuracy of the relied upon data in conjunction with our relevant professional experience related to such data interpretation. We assume no liability for the validity of the materials relied upon in the preparation of this report.

This document must not be subject to unauthorized reuse; that is, reuse without written authorization of ENGEO. Such authorization is essential because it requires ENGEO to evaluate the document's applicability given new circumstances, not the least of which is passage of time. The findings from a phase I environmental site assessment are valid for 1 year after from the earliest date of the following components: records review, site reconnaissance, interviews, declaration by environmental professional. Updates of portions of the assessment may be necessary after a period of 180 days of the earliest date of the four components.

A more extensive assessment that would include a subsurface exploration with laboratory testing of soil, soil gas, and groundwater samples could provide more definitive information concerning site-specific conditions. If additional assessment activities are considered for the Property and if other entities are retained to provide such services, ENGEO cannot be held responsible for any and all claims arising from or resulting from the performance of such services by other persons or entities. ENGEO can also not be held responsible from any and all claims arising or resulting from clarifications, adjustments, modifications, discrepancies or other changes necessary to reflect changed field or other conditions.

7.2 SPECIAL TERMS AND CONDITIONS

We have prepared this report for the exclusive use of our client, CSW/Stuber-Stroeh Engineering Group, Inc. It is recognized and agreed that ENGEO has assumed responsibility only for undertaking the study for the Client. The responsibility for disclosures or reports to a third party and for remedial or mitigative action shall be solely that of the Client.

This phase I environmental site assessment is not intended to represent a complete soil, soil gas, or groundwater characterization, nor define the depth or extent of soil, soil gas, or groundwater contamination. It is intended to provide an evaluation of potential environmental concerns associated with the use of the Property. Laboratory testing of soil, soil gas, or groundwater

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samples was not within the scope of the contracted services. The assessment did not include an asbestos survey, an evaluation of lead-based paint, an inspection of light ballasts for polychlorinated biphenyls (PCBs), or a mold survey. A radon evaluation was not performed.

This report is based upon field and other conditions discovered at the time of preparation of ENGEO's assessment. Visual observations referenced in this report are intended only to represent conditions at the time of the reconnaissance. We would not be aware of site contamination, such as dumping and/or accidental spillage, which occurred subsequent to the reconnaissance conducted by ENGEO personnel.

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SELECTED REFERENCES

CalGEM Well Finder
(https://maps.conservation.ca.gov/doggr/wellfinder/#openModal/-118.94276/37.12009/6)

California Department of Public Health – Radon Program–
(https://www.cdph.ca.gov/Programs/CEH/DRSEM/CDPH%20Document%20Library/EMB/Radon/Radon%20Test%20Results.pdf).

California Department of Water Resources (http://www.water.ca.gov/waterdatalibrary/)

California Geologic Energy Management Division (CalGEM)
(https://www.conservation.ca.gov/calgem)

Dibblee, T.W., and Minch, J.A. 2005. Geologic map of the Niles quadrangle, Alameda County, California. April 2005.

Google Maps (http://maps.google.com)

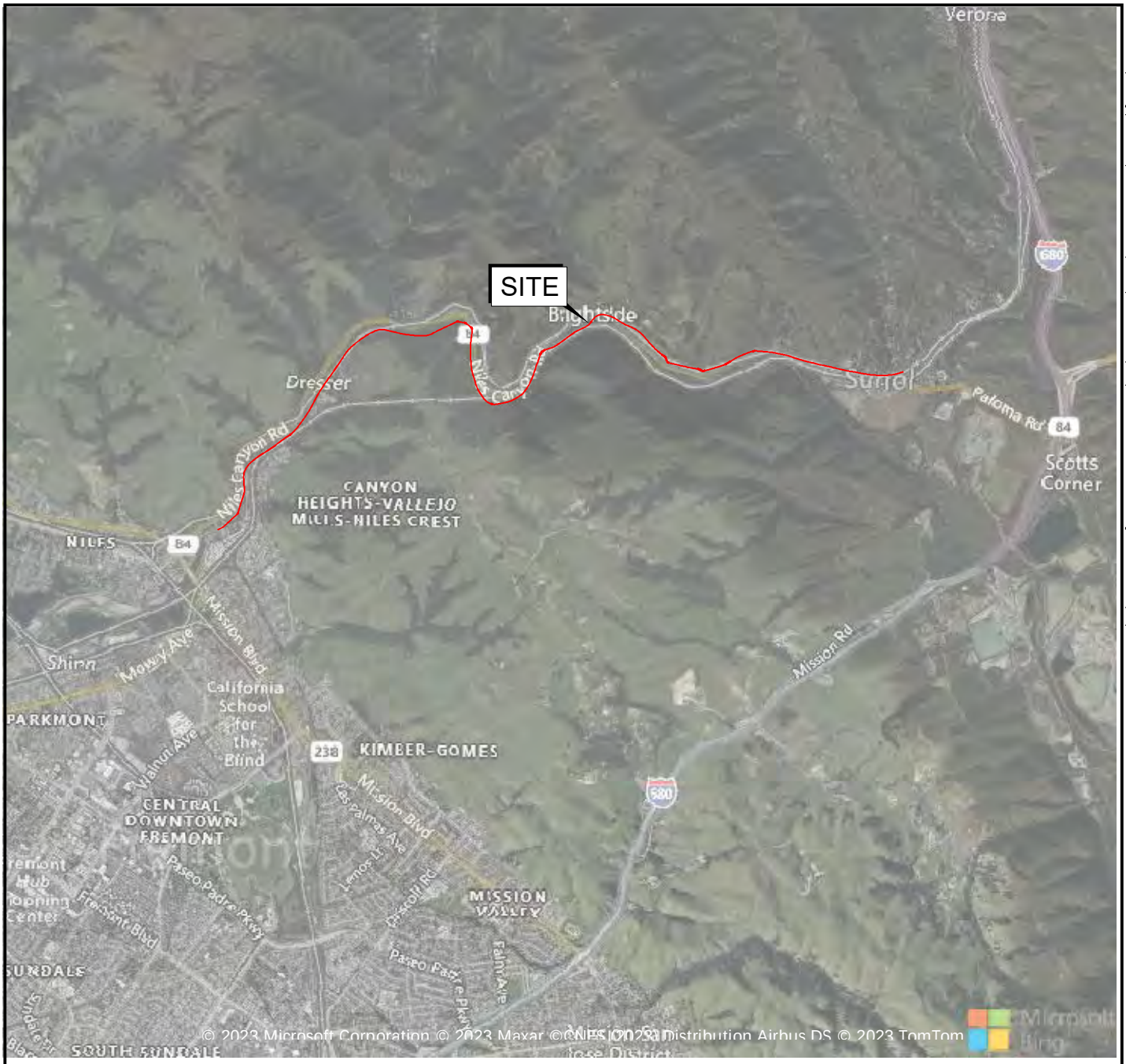
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FIGURES

FIGURE 1: Vicinity Map
FIGURE 2: Site Plan
FIGURE 3: Site Photographs



N

0 5000
FEET

BASE MAP SOURCE: BING MAPPING SERVICE

ENGEO Expect Excellence	VICINITY MAP NILES CANYON TRAIL PROJECT FREMONT, CALIFORNIA	PROJECT NO.: 17268.000.000 SCALE: AS SHOWN DRAWN BY: LT CHECKED BY: JA	FIGURE NO. 1

ORIGINAL FIGURE PRINTED IN COLOR

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FILE PATH: G:\Drafting\PROJECTS_16000 to 17999\17268\17268000000\ESA\17268000000_SP_1-0723.dwg SAVE DATE: 7/18/2023 7:50:26 AM SAVED BY: LTuttle

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0 800
FEET

EXPLANATION
ALL LOCATIONS ARE APPROXIMATE
PROPOSED TRAIL ALIGNMENT

BASE MAP SOURCE: BING MAPPING SERVICE

ENGEO Expect Excellence

SITE PLAN
NILES CANYON TRAIL PROJECT
FREMONT, CALIFORNIA

PROJECT NO.: 17268.000.000
SCALE: AS SHOWN
DRAWN BY: LT
CHECKED BY: JA

FIGURE NO.
2

ORIGINAL FIGURE PRINTED IN COLOR

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PAVED FIRE TRAIL AT THE WEST END OF THE PROPERTY



ALAMEDA CREEK NORTH OF THE WEST END OF THE PROPERTY



OLD CANYON ROAD AND RESIDENTIAL AREA SOUTH OF THE WEST END OF THE PROPERTY



CAVED-IN SHORELINE INFRASTRUCTURE AT THE WEST END OF THE PROPERTY



COLLAPSED BANK OF ALAMEDA CREEK AT THE WEST END OF THE PROPERTY



PROPERTY SWITCHES FROM PAVED FIRE TRAIL TO DIRT PATH AT THE WEST END OF THE PROPERTY

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SITE PHOTOGRAPHS

NILES CANYON TRAIL PROJECT

FREMONT, CALIFORNIA

PROJECT NUMBER: **17268.000.000**	FIGURE NO. **3A**
SCALE: **NO SCALE**	
DRAWN BY: **LT**	CHECKED BY: **JA**

Path :H:\Active Projects_16000 to 17999\17268\002_Phase I ESA\DRAFTING\Figure 3 site photographs

ORIGINAL FIGURE PRINTED IN COLOR



DEBRIS ON THE DIRT TRAIL AT THE WEST END OF THE PROPERTY



DIRT TRAIL ENDS AT THE WEST END OF THE PROPERTY



DIRT ROAD AT THE END OF OLD CANYON ROAD THAT ALIGNS WITH THE PROPERTY



UNION PACIFIC RAILROAD TRACKS SOUTH OF THE WEST SECTION OF THE PROPERTY



RAILROAD TRACK 5.5 MILES FROM THE EAST END OF THE PROPERTY



CONSTRUCTION ON NILES CANYON ROAD 3.5 MILES FROM THE EAST END OF THE PROPERTY

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SITE PHOTOGRAPHS

NILES CANYON TRAIL PROJECT

FREMONT, CALIFORNIA

PROJECT NUMBER:	**17268.000.000**
SCALE:	**NO SCALE**
DRAWN BY: **LT**	CHECKED BY: **JA**

FIGURE NO. 3B

Path :H:\Active Projects_16000 to 17999\17268\002_Phase I ESA\DRAFTING\Figure 3 site photographs

ORIGINAL FIGURE PRINTED IN COLOR



RAILROAD BRIDGE OVER NILES CANYON ROAD 4 MILES FROM THE EAST END OF THE PROPERTY



FOOTHILL ROAD AND TRAIN TRACKS AT THE EAST END OF THE PROPERTY



TELEPHONE POLE AND TRANSFORMER AT THE EAST END OF THE PROPERTY



RAILROAD MUSEUM AND TRACKS AT THE EAST END OF THE PROPERTY

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SITE PHOTOGRAPHS

NILES CANYON TRAIL PROJECT

FREMONT, CALIFORNIA

PROJECT NUMBER: **17268.000.000**		FIGURE NO. 3C
SCALE: **NO SCALE**		
DRAWN BY: **LT**	CHECKED BY: **JA**	

Path :H:\Active Projects_16000 to 17999\17268\002_Phase I ESA\DRAFTING\Figure 3 site photographs

ORIGINAL FIGURE PRINTED IN COLOR



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APPENDIX A

ENVIRONMENTAL DATA RESOURCES, INC.

Radius Map Report

Niles Canyon Pedestrian Trail
Niles Canyon Pedestrian Trail
Fremont, CA 94539

Inquiry Number: 07378454.10r
June 30, 2023

EDR Area / Corridor Report

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.

SUBJECT PROPERTY INFORMATION

ADDRESS

NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifcations refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
TYLER RANCH Status: A Tank Status: A Comp Number: 64487	***12371 FOOTHILL***	***B8 / 9***	***53***

HIST UST: Hazardous Substance Storage Container Database

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
TYLER RANCH Facility Id: 00000064487	***12371 FOOTHILL ROAD***	***B6 / 9***	***51***

Other Ascertainable Records

HIST CORTESE: Hazardous Waste & Substance Site List

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
TYLER RANCH Reg Id: 01-2000	***12371 FOOTHILL***	***B8 / 9***	***53***

HAZNET: Facility and Manifest Data

A review of the HAZNET list, as provided by EDR, and dated 12/31/2021 has revealed that there are 3 HAZNET sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
1X WELLS FARGO BANK GEPAID: CAC000541328	***12371 FOOTHILL ROAD***	***B5 / 9***	***50***
MANJIT SINGH GEPAID: CAC002724342	***5551 NILES CANYON RD***	***10 / 8***	***55***
FRIES, DANIEL GEPAID: CAC002770572	***1365 OLD CANYON RD A***	***11 / 7***	***56***

NPDES: NPDES Permits Listing

A review of the NPDES list, as provided by EDR, and dated 02/06/2023 has revealed that there are 2 NPDES sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
NILES CANYON RAILWAY Facility Status: Active	***5550 NILES CANYON RO***	***1 / 8***	***34***
TYLER RANCH STAGING Facility Status: Terminated	***12574 FOOTHILL ROAD***	***4 / 9***	***48***

CIWQS: California Integrated Water Quality System

A review of the CIWQS list, as provided by EDR, and dated 02/27/2023 has revealed that there are 2 CIWQS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
NILES CANYON RAILWAY	***5550 NILES CANYON RO***	***1 / 8***	***34***
TYLER RANCH STAGING	***12574 FOOTHILL ROAD***	***4 / 9***	***48***

EXECUTIVE SUMMARY

CERS: CERS

A review of the CERS list, as provided by EDR, and dated 01/05/2023 has revealed that there is 1 CERS site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
NILES CANYON RAILWAY	***5550 NILES CANYON RO***	***1 / 8***	***34***

NON-CASE INFO: NON-CASE INFO (GEOTRACKER)

A review of the NON-CASE INFO list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 NON-CASE INFO site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
TYLER RANCH	***12371 FOOTHILL ROAD***	***B6 / 9***	***51***

MINES MRDS: Mineral Resources Data System

A review of the MINES MRDS list, as provided by EDR, and dated 08/23/2022 has revealed that there are 2 MINES MRDS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
QUARRY		A2 / 8	46
SUNOL PIT		A3 / 8	47

HWTS: Hazardous Waste Tracking System

A review of the HWTS list, as provided by EDR, and dated 04/05/2022 has revealed that there are 4 HWTS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
1X WELLS FARGO BANK	***12371 FOOTHILL ROAD***	***B5 / 9***	***50***
NUNES SERVICES	12181 FOOTHILL RD	9 / 9	54
MANJIT SINGH	***5551 NILES CANYON RD***	***10 / 8***	***55***
FRIES, DANIEL	***1365 OLD CANYON RD A***	***11 / 7***	***56***

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

A review of the RGA LUST list, as provided by EDR, has revealed that there is 1 RGA LUST site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
TYLER RANCH	12371 FOOTHILL RD	B7 / 9	52

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifcations refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/26/2023 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
HENKEL SURFACE TECHN Site ID: 0901178 EPA Id: CAD009152364	***37899 NILES BOULEVAR***	***SW 1/4 - 1/2 (0.480 mi.)***	***I50 / 11***	***162***

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

A review of the CORRACTS list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 CORRACTS site within approximately1 mile of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
HENKEL SURFACE TECHN EPA ID:: CAD009152364	***37899 NILES BOULEVAR***	***SW 1/4 - 1/2 (0.480 mi.)***	***I50 / 11***	***162***

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
HENKEL SURFACE TECHN EPA ID:: CAD009152364	***37899 NILES BOULEVAR***	***SW 1/4 - 1/2 (0.480 mi.)***	***I50 / 11***	***162***

EXECUTIVE SUMMARY

Lists of Federal RCRA generators

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
SFPUC SUNOL FIRE PUM EPA ID:: CAR000300434	11772 MAIN STREET	ESE 1/8 - 1/4 (0.159 mi.)	F35 / 10	104

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

A review of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE site within approximately1 mile of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
HENKEL SURFACE TECHN	***37899 NILES BOULEVAR***	***SW 1/4 - 1/2 (0.480 mi.)***	***I50 / 11***	***162***
Database: RESPONSE, Date of Government Version: 01/23/2023 Status: Refer: RWQCB Facility Id: 01280014				

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/23/2023 has revealed that there are 4 ENVIROSTOR sites within approximately1 mile of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
HENKEL SURFACE TECHN Facility Id: 80001611 Facility Id: 71002265 Facility Id: 01280014 Status: Refer: RWQCB	***37899 NILES BOULEVAR***	***SW 1/4 - 1/2 (0.480 mi.)***	***I50 / 11***	***162***
NILES SQUARE Facility Id: 01400016 Status: Certified	***37482 - 37862 NILES***	***WSW 1/2 - 1 (0.622 mi.)***	***53 / 11***	***245***
WEED PROPERTY Facility Id: 70000183 Status: Inactive - Needs Evaluation	37266-37268 NILES BO	W 1/2 - 1 (0.815 mi.)	54 / 11	254
THE LANDING WEST (FO Facility Id: 60002441 Status: No Further Action	***38861 AND 38873 MISS***	***SSE 1/2 - 1 (0.825 mi.)***	***55 / 12***	***255***

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

LUST: Geotracker's Leaking Underground Fuel Tank Report

A review of the LUST list, as provided by EDR, has revealed that there are 9 LUST sites within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
MISSION CLAY PRODUCT	2225 OLD CANYON ROAD	ESE 0 - 1/8 (0.017 mi.)	15 / 7	62
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Id: 01-2559 Facility Status: Post remedial action monitoring				
MISSION CLAY PRODUCT	***2225 OLD CANYON RD***	***WNW 0 - 1/8 (0.029 mi.)***	***17 / 7***	***63***
Database: LUST, Date of Government Version: 03/06/2023 Status: Open - Verification Monitoring Global Id: T0600165351				
LOUTHAN PROPERTY	***11930 MAIN ST***	***ESE 0 - 1/8 (0.062 mi.)***	***23 / 9***	***78***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 03/06/2023 Status: Completed - Case Closed Facility Id: 01-0925 Facility Status: Case Closed Global Id: T0600100850 date9: 8/22/1996				
CHEVRON	11727 MAIN ST	ESE 1/8 - 1/4 (0.199 mi.)	H39 / 10	112
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Id: 01-0317 Facility Status: Case Closed date9: 10/14/1999				
CHEVRON	***11727 MAIN***	***ESE 1/8 - 1/4 (0.199 mi.)***	***H40 / 10***	***112***
Database: LUST, Date of Government Version: 03/06/2023 Status: Completed - Case Closed Global Id: T0600100290				
SUPER 7 NO. 18908	***38010 MISSION BLVD***	***SW 1/4 - 1/2 (0.267 mi.)***	***45 / 11***	***121***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 03/06/2023 Status: Completed - Case Closed Facility Id: 01-1443 Facility Status: Case Closed Global Id: T0600101332 date9: 12/26/1996				
SFWD SUNOL YARD	***505 PALOMA***	***ESE 1/4 - 1/2 (0.298 mi.)***	***47 / 10***	***155***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Id: 01-1275 Facility Status: Preliminary site assessment underway				
SFPUC SUNOL YARD AND	***505 PALOMA***	***SE 1/4 - 1/2 (0.372 mi.)***	***48 / 10***	***155***
Database: LUST, Date of Government Version: 03/06/2023 Status: Completed - Case Closed Global Id: T0600101172				
L & M AUTO SERVICE (	***37810 NILES BLVD***	***WSW 1/4 - 1/2 (0.484 mi.)***	***52 / 11***	***236***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 03/06/2023				

Status: Open - Eligible for Closure
Facility Id: 01-0998
Facility Status: Leak being confirmed
Global Id: T0600100921

CPS-SLIC: Statewide SLIC Cases

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 5 CPS-SLIC sites within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
NILES CANYON RAILWAY	***6 KILKARE ROAD***	***S 0 - 1/8 (0.011 mi.)***	***C12 / 9***	***57***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Open - Site Assessment Global Id: T10000006021				
MISSION CLAY PRODUCT	***2225 OLD CANYON RD***	***WNW 0 - 1/8 (0.029 mi.)***	***17 / 7***	***63***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Open - Assessment & Interim Remedial Action Global Id: T10000012663				
MISSION CLAY PRODUCT	2225 NILES CANYON RD	SE 1/8 - 1/4 (0.157 mi.)	33 / 7	100
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Open - Assessment & Interim Remedial Action Global Id: T10000011370				
AMCHEM PRODUCTS INC	***37899 NILES BLVD***	***SW 1/4 - 1/2 (0.480 mi.)***	***I49 / 11***	***161***
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Id: 01S0158				
HENKEL SURFACE TECHN	***37899 NILES BOULEVAR***	***SW 1/4 - 1/2 (0.480 mi.)***	***I50 / 11***	***162***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Open - Verification Monitoring Global Id: SL181251125				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Historical Calsites Database

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately1 mile of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
AMCHEM PRODUCTS, INC	***37899 NILES BOULEVAR***	***SW 1/4 - 1/2 (0.480 mi.)***	***I51 / 11***	***229***

CERS HAZ WASTE: CERS HAZ WASTE

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 01/05/2023 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
SAN FRANCISCO PUBLIC	***11772 MAIN STREET***	***ESE 1/8 - 1/4 (0.159 mi.)***	***F34 / 10***	***101***

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
SUNOL SERVICE Comp Number: 6742	***11727 MAIN ST***	***ESE 1/8 - 1/4 (0.199 mi.)***	***H41 / 10***	***115***

HIST UST: Hazardous Substance Storage Container Database

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
MISSION CLAY PRODUCT Facility Id: 00000006018	***2225 OLD CANYON RD***	***WNW 0 - 1/8 (0.029 mi.)***	***17 / 7***	***63***
MODERN ALLOYS INC Facility Id: 00000001525	2415 OLD CANYON RD	SE 0 - 1/8 (0.077 mi.)	25 / 7	87
SUNOL SERVICE Facility Id: 00000006742	***11727 MAIN ST***	***ESE 1/8 - 1/4 (0.199 mi.)***	***H41 / 10***	***115***

Local Land Records

DEED: Deed Restriction Listing

A review of the DEED list, as provided by EDR, and dated 02/27/2023 has revealed that there is 1 DEED site within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
HENKEL SURFACE TECHN Status: OPEN - VERIFICATION MONITORING Envirostor ID: SL181251125	***37899 NILES BOULEVAR***	***SW 1/4 - 1/2 (0.480 mi.)***	***I50 / 11***	***162***

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there are 8 RCRA NonGen / NLR sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
SUNOL DEPOT NILES CA EPA ID:: CAL000399398	6 KILKARE RD	S 0 - 1/8 (0.011 mi.)	C13 / 9	59
LAURENE GALE EPA ID:: CAC002986187	711 OLD CANYON #69	SSE 0 - 1/8 (0.051 mi.)	E21 / 7	75
SUNOL RADIOGRAPHIC I EPA ID:: CAR000001891	***11973 FOOTHILL RD***	***N 0 - 1/8 (0.066 mi.)***	***24 / 9***	***81***
DRT GRADING & PAVING EPA ID:: CAL000329164	11896 MAIN ST	SE 0 - 1/8 (0.088 mi.)	26 / 9	88
LISA & STEVE KETCHUM EPA ID:: CAC003019266	1258 FILTON COURT	SE 1/8 - 1/4 (0.133 mi.)	30 / 7	92
LYNNETTE MCDONALD EPA ID:: CAC003070582	11911 FOOTHILL RD	NNE 1/8 - 1/4 (0.150 mi.)	32 / 9	97
WILSON PROPERTY MANA EPA ID:: CAC003149350	141 KILKARE ROAD	NNW 1/8 - 1/4 (0.168 mi.)	36 / 9	107
SUNOL GLEN UNIFIED S EPA ID:: CAC003109119	11601 MAIN STREET	ESE 1/8 - 1/4 (0.237 mi.)	44 / 10	119

US MINES: Mines Master Index File

A review of the US MINES list, as provided by EDR, has revealed that there is 1 US MINES site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
SU ORO CO Database: US MINES, Date of Government Version: 02/02/2023 Mine ID:: 2601840		NE 0 - 1/8 (0.040 mi.)	19 / 8	74

CA BOND EXP. PLAN: Bond Expenditure Plan

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately1 mile of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
AMCHEM PRODUCTS, INC	***37899 NILES BOULEVAR***	***SW 1/4 - 1/2 (0.480 mi.)***	***I51 / 11***	***229***

EXECUTIVE SUMMARY

Cortese: "Cortese" Hazardous Waste & Substances Sites List

A review of the Cortese list, as provided by EDR, and dated 03/20/2023 has revealed that there are 7 Cortese sites within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
MISSION CLAY PRODUCT	***2225 OLD CANYON RD***	***WNW 0 - 1/8 (0.029 mi.)***	***17 / 7***	***63***
Cleanup Status: OPEN - VERIFICATION MONITORING				
LOUTHAN PROPERTY	***11930 MAIN ST***	***ESE 0 - 1/8 (0.062 mi.)***	***23 / 9***	***78***
Cleanup Status: COMPLETED - CASE CLOSED				
CHEVRON	***11727 MAIN***	***ESE 1/8 - 1/4 (0.199 mi.)***	***H40 / 10***	***112***
Cleanup Status: COMPLETED - CASE CLOSED				
SUPER 7 NO. 18908	***38010 MISSION BLVD***	***SW 1/4 - 1/2 (0.267 mi.)***	***45 / 11***	***121***
Cleanup Status: COMPLETED - CASE CLOSED				
SFPUC SUNOL YARD AND	***505 PALOMA***	***SE 1/4 - 1/2 (0.372 mi.)***	***48 / 10***	***155***
Cleanup Status: COMPLETED - CASE CLOSED				
HENKEL SURFACE TECHN	***37899 NILES BOULEVAR***	***SW 1/4 - 1/2 (0.480 mi.)***	***I50 / 11***	***162***
L & M AUTO SERVICE (	***37810 NILES BLVD***	***WSW 1/4 - 1/2 (0.484 mi.)***	***52 / 11***	***236***
Cleanup Status: OPEN - ELIGIBLE FOR CLOSURE				

HIST CORTESE: Hazardous Waste & Substance Site List

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 7 HIST CORTESE sites within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
SUNOL COMMUNICATION	3700 PALOMARES	N 0 - 1/8 (0.031 mi.)	18 / 7	74
Reg Id: 01-1439				
LOUTHAN PROPERTY	***11930 MAIN ST***	***ESE 0 - 1/8 (0.062 mi.)***	***23 / 9***	***78***
Reg Id: 01-0925				
CHEVRON	***11727 MAIN***	***ESE 1/8 - 1/4 (0.199 mi.)***	***H40 / 10***	***112***
Reg Id: 01-0317				
SUPER 7 NO. 18908	***38010 MISSION BLVD***	***SW 1/4 - 1/2 (0.267 mi.)***	***45 / 11***	***121***
Reg Id: 01-1443				
SFWD SUNOL YARD	***505 PALOMA***	***ESE 1/4 - 1/2 (0.298 mi.)***	***47 / 10***	***155***
Reg Id: 01-1275				
HENKEL SURFACE TECHN	***37899 NILES BOULEVAR***	***SW 1/4 - 1/2 (0.480 mi.)***	***I50 / 11***	***162***
Reg Id: 21999185				
Reg Id: 2 019185N02				
L & M AUTO SERVICE (	***37810 NILES BLVD***	***WSW 1/4 - 1/2 (0.484 mi.)***	***52 / 11***	***236***
Reg Id: 01-0998				

HWP: EnviroStor Permitted Facilities Listing

A review of the HWP list, as provided by EDR, and dated 02/13/2023 has revealed that there is 1 HWP site within approximately1 mile of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
HENKEL SURFACE TECHN	***37899 NILES BOULEVAR***	***SW 1/4 - 1/2 (0.480 mi.)***	***I50 / 11***	***162***

EPA ID: CAD009152364
Cleanup Status: CLOSED

MINES: Mines Site Location Listing

A review of the MINES list, as provided by EDR, and dated 03/06/2023 has revealed that there are 2 MINES sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
NILES CANYON QUARRY	1265 MONTECITO AVENU	NE 0 - 1/8 (0.016 mi.)	D14 / 8	61
MISSION CLAY PRODUCT	P.O. BOX 549	ESE 0 - 1/8 (0.062 mi.)	22 / 7	77

HAZMAT: Hazardous Material Facilities

A review of the HAZMAT list, as provided by EDR, has revealed that there is 1 HAZMAT site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
AT&T CALIFORNINA - P	***11823 MAIN ST***	***E 1/8 - 1/4 (0.136 mi.)***	***F31 / 10***	***94***
Database: LOS ANGELES HM, Date of Government Version: 11/01/2022				

MINES MRDS: Mineral Resources Data System

A review of the MINES MRDS list, as provided by EDR, and dated 08/23/2022 has revealed that there are 7 MINES MRDS sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
KI-LITE PIT & MILL		SW 0 - 1/8 (0.019 mi.)	D16 / 8	62
NILES QUARRY		WNW 0 - 1/8 (0.118 mi.)	27 / 7	90
KIT-LITE MINE AND MI		NNE 1/8 - 1/4 (0.130 mi.)	29 / 3	91
SILVA BROS.		SSW 1/8 - 1/4 (0.176 mi.)	G37 / 12	110
SILVA BROS.		SSW 1/8 - 1/4 (0.178 mi.)	G38 / 12	111
NILES CANYON ROAD PI		NE 1/8 - 1/4 (0.202 mi.)	42 / 9	117
KI-LITE MINE AND MIL		NNW 1/8 - 1/4 (0.231 mi.)	43 / 3	118

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR Exclusive Historical Auto Stations

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
NILES CANYON MOBIL	711 OLD CANYON RD	SSE 0 - 1/8 (0.051 mi.)	E20 / 7	75
WHITE DALE & ALICE	11842 MAIN ST	ESE 0 - 1/8 (0.124 mi.)	F28 / 10	91

MAPPED SITES SUMMARY

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

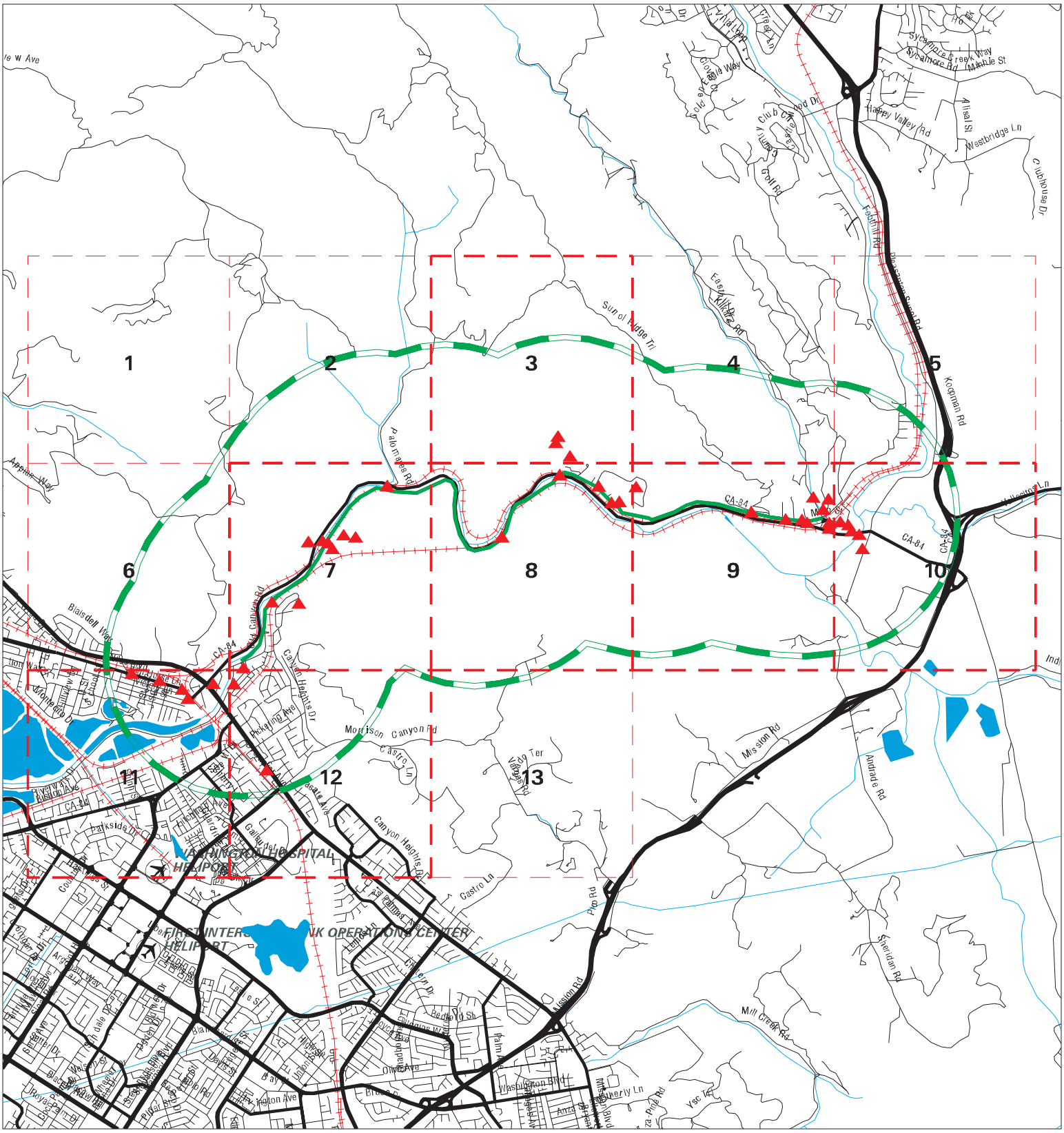
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
1 / 8	NILES CANYON RAILWAY	5550 NILES CANYON RO	NPDES, CIWQS, CERS	TP		
A2 / 8	QUARRY		MINES MRDS	TP		
A3 / 8	SUNOL PIT		MINES MRDS	TP		
4 / 9	TYLER RANCH STAGING	12574 FOOTHILL ROAD	NPDES, CIWQS	TP		
B5 / 9	1X WELLS FARGO BANK	12371 FOOTHILL ROAD	HAZNET, HWTS	TP		
B6 / 9	TYLER RANCH	12371 FOOTHILL ROAD	HIST UST, NON-CASE INFO	TP		
B7 / 9	TYLER RANCH	12371 FOOTHILL RD	RGA LUST	TP		
B8 / 9	TYLER RANCH	12371 FOOTHILL	SWEEPS UST, HIST CORTESE	TP		
9 / 9	NUNES SERVICES	12181 FOOTHILL RD	HWTS	TP		
10 / 8	MANJIT SINGH	5551 NILES CANYON RD	HAZNET, HWTS	TP		
11 / 7	FRIES, DANIEL	1365 OLD CANYON RD A	HAZNET, HWTS	TP		
C12 / 9	NILES CANYON RAILWAY	6 KILKARE ROAD	CPS-SLIC, Alameda County CS, CERS	60	0.011	South
C13 / 9	SUNOL DEPOT NILES CA	6 KILKARE RD	RCRA NonGen / NLR	60	0.011	South
D14 / 8	NILES CANYON QUARRY	1265 MONTECITO AVENU	MINES	85	0.016	NE
15 / 7	MISSION CLAY PRODUCT	2225 OLD CANYON ROAD	LUST	91	0.017	ESE
D16 / 8	KI-LITE PIT & MILL		MINES MRDS	100	0.019	SW
17 / 7	MISSION CLAY PRODUCT	2225 OLD CANYON RD	LUST, CPS-SLIC, HIST UST, Cortese, EMI, ...	153	0.029	WNW
18 / 7	SUNOL COMMUNICATION	3700 PALOMARES	HIST CORTESE	165	0.031	North
19 / 8	SU ORO CO		US MINES	209	0.040	NE
E20 / 7	NILES CANYON MOBIL	711 OLD CANYON RD	EDR Hist Auto	270	0.051	SSE
E21 / 7	LAURENE GALE	711 OLD CANYON #69	RCRA NonGen / NLR	270	0.051	SSE
22 / 7	MISSION CLAY PRODUCT	P.O. BOX 549	MINES	325	0.062	ESE
23 / 9	LOUTHAN PROPERTY	11930 MAIN ST	LUST, Cortese, HIST CORTESE, CERS	326	0.062	ESE
24 / 9	SUNOL RADIOGRAPHIC I	11973 FOOTHILL RD	RCRA NonGen / NLR, FINDS, ECHO, HAZNET, ...	348	0.066	North
25 / 7	MODERN ALLOYS INC	2415 OLD CANYON RD	HIST UST	404	0.077	SE
26 / 9	DRT GRADING & PAVING	11896 MAIN ST	RCRA NonGen / NLR	466	0.088	SE
27 / 7	NILES QUARRY		MINES MRDS	621	0.118	WNW
F28 / 10	WHITE DALE & ALICE	11842 MAIN ST	EDR Hist Auto	657	0.124	ESE
29 / 3	KIT-LITE MINE AND MI		MINES MRDS	689	0.130	NNE
30 / 7	LISA & STEVE KETCHUM	1258 FILTON COURT	RCRA NonGen / NLR	702	0.133	SE
F31 / 10	AT&T CALIFORNINA - P	11823 MAIN ST	HAZMAT, CERS	718	0.136	East
32 / 9	LYNNETTE MCDONALD	11911 FOOTHILL RD	RCRA NonGen / NLR	792	0.150	NNE
33 / 7	MISSION CLAY PRODUCT	2225 NILES CANYON RD	CPS-SLIC	831	0.157	SE
F34 / 10	SAN FRANCISCO PUBLIC	11772 MAIN STREET	CERS HAZ WASTE, EMI, CERS, HWTS	840	0.159	ESE
F35 / 10	SFPUC SUNOL FIRE PUM	11772 MAIN STREET	RCRA-VSQG	840	0.159	ESE
36 / 9	WILSON PROPERTY MANA	141 KILKARE ROAD	RCRA NonGen / NLR	885	0.168	NNW
G37 / 12	SILVA BROS.		MINES MRDS	927	0.176	SSW
G38 / 12	SILVA BROS.		MINES MRDS	941	0.178	SSW
H39 / 10	CHEVRON	11727 MAIN ST	LUST	1053	0.199	ESE

MAPPED SITES SUMMARY

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
H40 / 10	CHEVRON	11727 MAIN	LUST, Alameda County CS, Cortese, HIST C...	1053	0.199	ESE
H41 / 10	SUNOL SERVICE	11727 MAIN ST	SWEEPS UST, HIST UST	1053	0.199	ESE
42 / 9	NILES CANYON ROAD PI		MINES MRDS	1065	0.202	NE
43 / 3	KI-LITE MINE AND MIL		MINES MRDS	1221	0.231	NNW
44 / 10	SUNOL GLEN UNIFIED S	11601 MAIN STREET	RCRA NonGen / NLR	1253	0.237	ESE
45 / 11	SUPER 7 NO. 18908	38010 MISSION BLVD	LUST, Cortese, HIST CORTESE, NPDES, CIWQ...	1408	0.267	SW
46 / 3	SRDC INC	5550 NILES CANYON RD	Alameda County CS, CERS HAZ WASTE, CERS ...	1449	0.274	North
47 / 10	SFWD SUNOL YARD	505 PALOMA	LUST, HIST CORTESE	1575	0.298	ESE
48 / 10	SFPUC SUNOL YARD AND	505 PALOMA	LUST, Alameda County CS, Cortese, CERS	1966	0.372	SE
I49 / 11	AMCHEM PRODUCTS INC	37899 NILES BLVD	CPS-SLIC, TSCA	2537	0.480	SW
I50 / 11	HENKEL SURFACE TECHN	37899 NILES BOULEVAR	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-	2537	0.480	SW
I51 / 11	AMCHEM PRODUCTS, INC	37899 NILES BOULEVAR	HIST Cal-Sites, CA BOND EXP. PLAN	2537	0.480	SW
52 / 11	L & M AUTO SERVICE (	37810 NILES BLVD	LUST, SWEEPS UST, CA FID UST, Cortese, H...	2555	0.484	WSW
53 / 11	NILES SQUARE	37482 - 37862 NILES	ENVIROSTOR, VCP	3284	0.622	WSW
54 / 11	WEED PROPERTY	37266-37268 NILES BO	ENVIROSTOR	4301	0.815	West
55 / 12	THE LANDING WEST (FO	38861 AND 38873 MISS	ENVIROSTOR, VCP	4355	0.825	SSE

Key Map - 07378454.10r



SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23 4:19 PM

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	1	0	NR	1
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	1	NR	NR	1
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	1	0	NR	1
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	1	3	NR	4
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		3	2	4	NR	NR	9
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		2	1	2	NR	NR	5
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	1	0	NR	1
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	1	NR	NR	NR	1
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250	1	0	1	NR	NR	NR	2
HIST UST	0.250	1	2	1	NR	NR	NR	4
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	1	0	NR	1
Cortese	0.500		2	1	4	NR	NR	7
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500	1	2	1	4	NR	NR	8
HWP	1.000		0	0	1	0	NR	1
HWT	0.250		0	0	NR	NR	NR	0
HAZNET	TP	3	NR	NR	NR	NR	NR	3
MINES	0.250		2	0	NR	NR	NR	2
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP	2	NR	NR	NR	NR	NR	2
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	1	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		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP	2	NR	NR	NR	NR	NR	2
CERS	TP	1	NR	NR	NR	NR	NR	1
NON-CASE INFO	TP	1	NR	NR	NR	NR	NR	1
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
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250	2	2	5	NR	NR	NR	9
HWTS	TP	4	NR	NR	NR	NR	NR	4

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	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
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP	1	NR	NR	NR	NR	NR	1
- Totals --		19	22	19	23	3	0	86

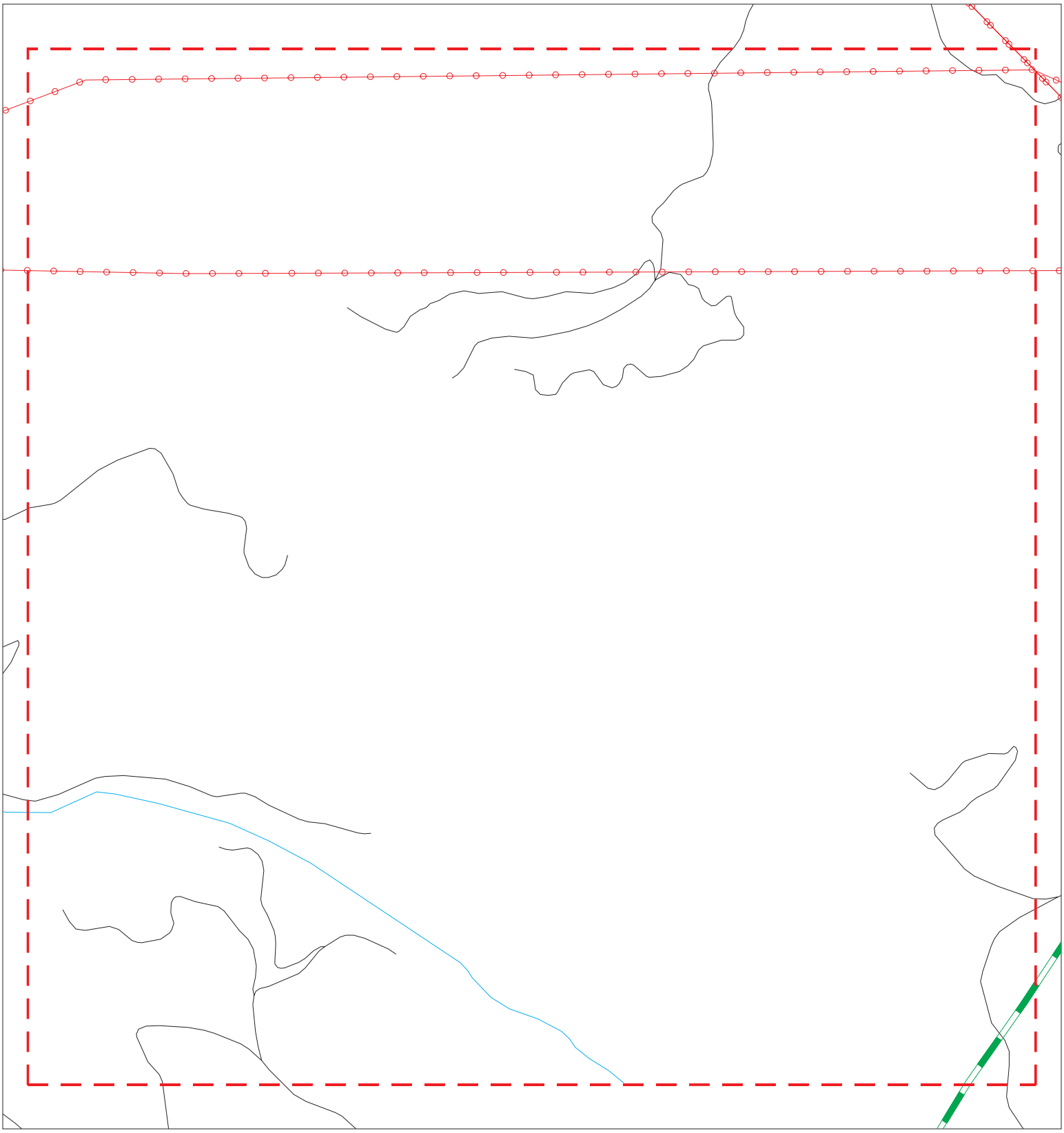
NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Focus Map - 1 - 07378454.10r



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23

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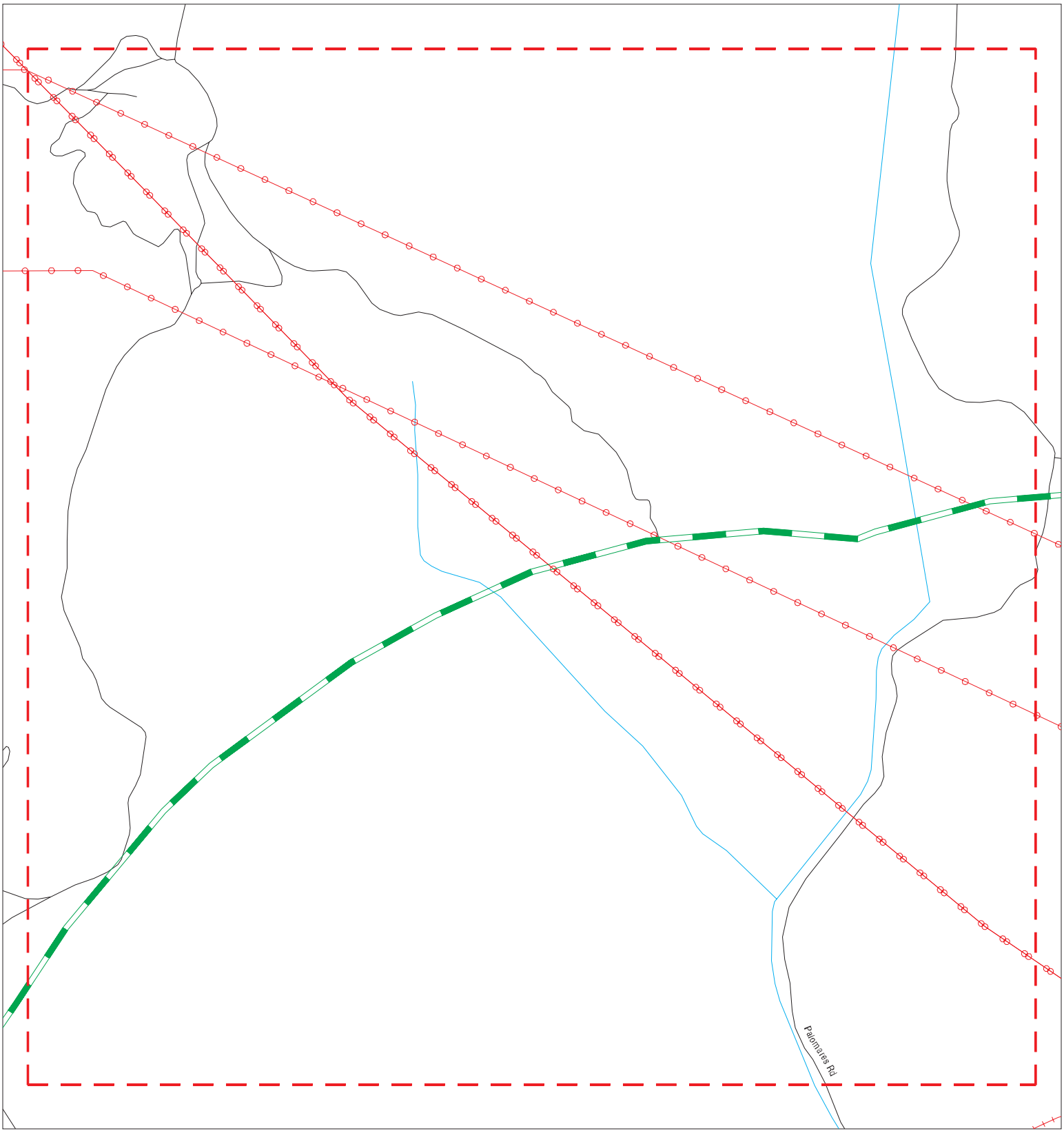
MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 2 - 07378454.10r



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23

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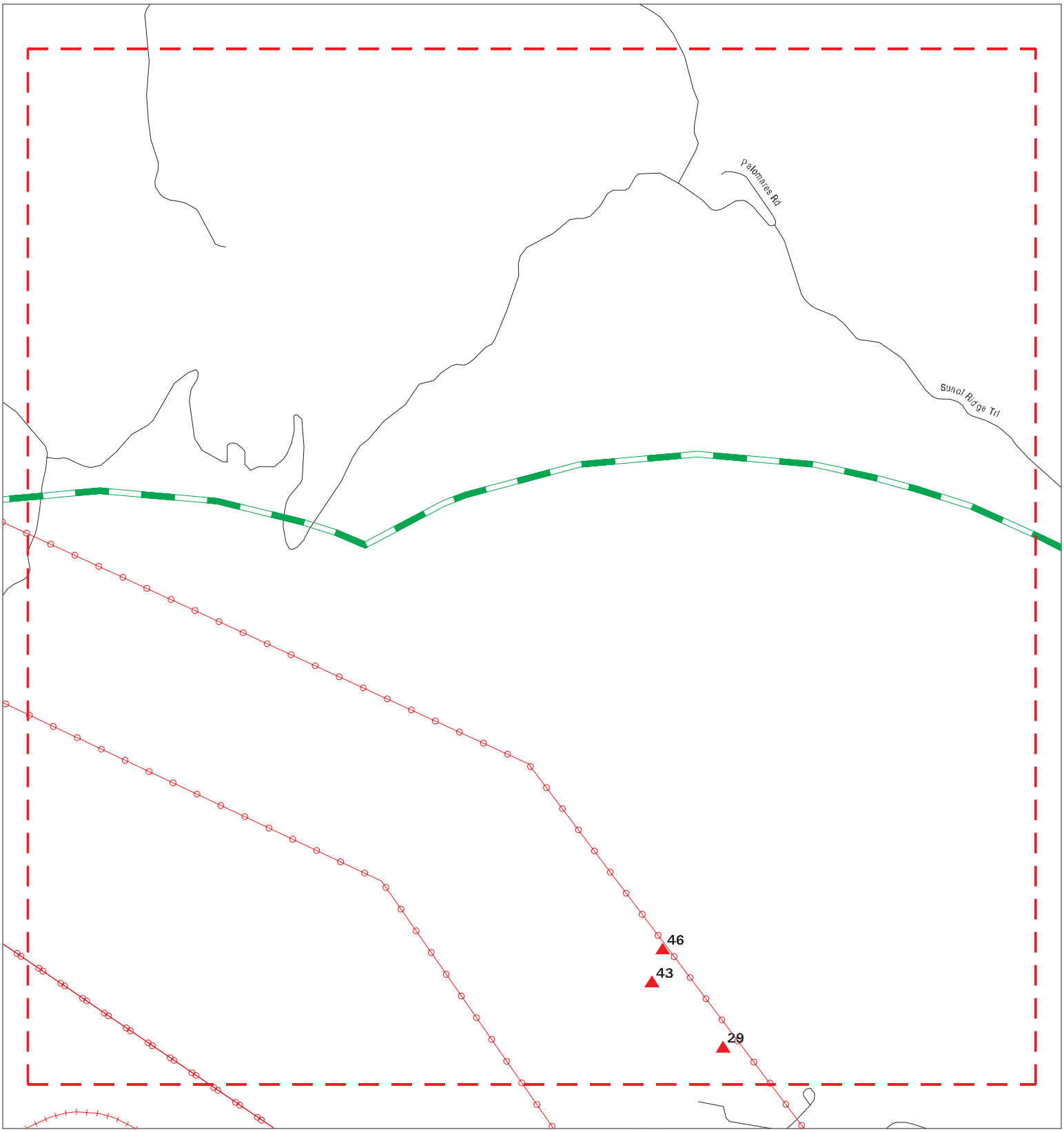
MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 3 - 07378454.10r



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23

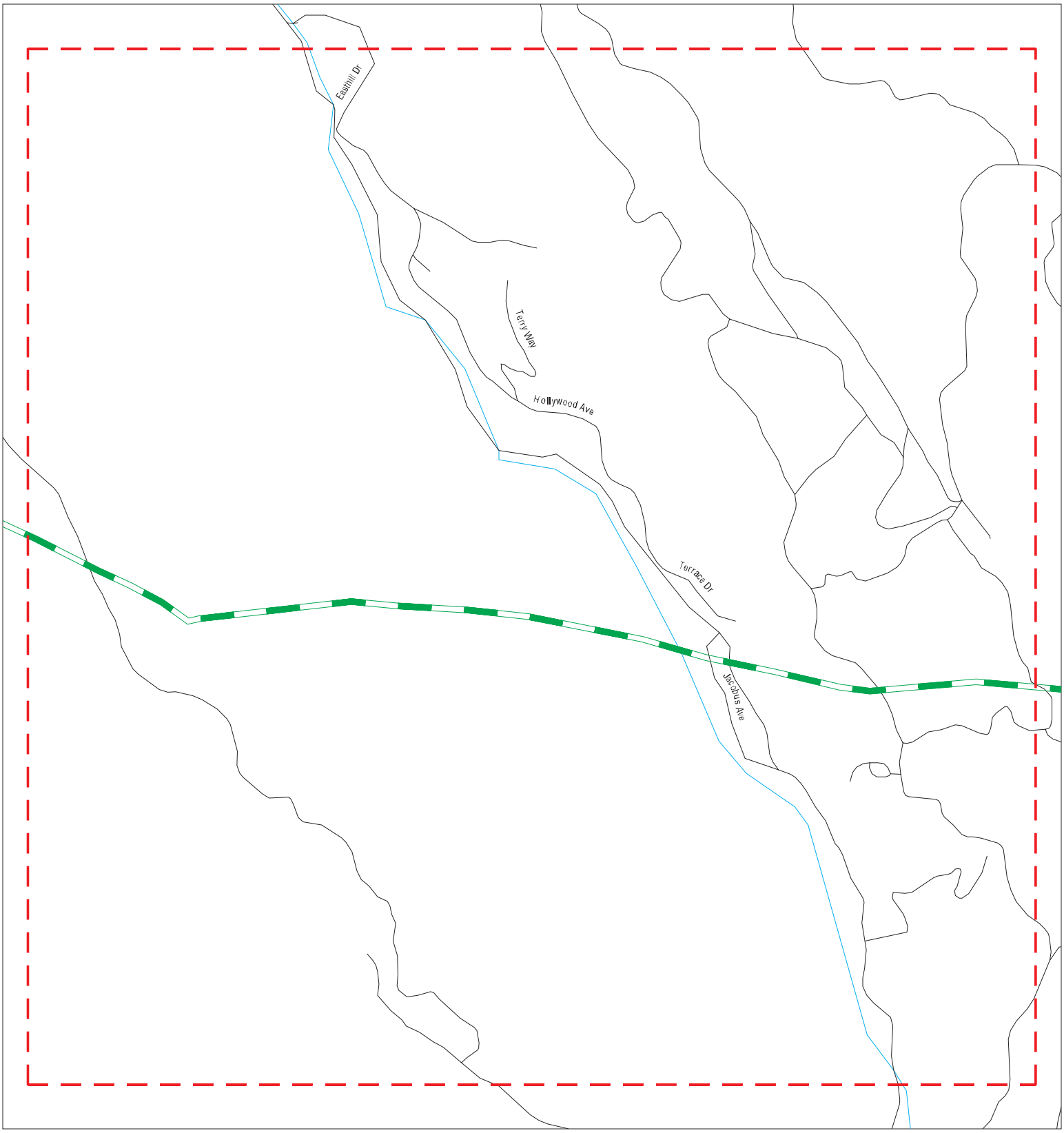
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MAPPED SITES SUMMARY - FOCUS MAP 3

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
29 / 3	KIT-LITE MINE AND MI		MINES MRDS	689 0.130 NNE
43 / 3	KI-LITE MINE AND MIL		MINES MRDS	1221 0.231 NNW
46 / 3	SRDC INC	5550 NILES CANYON RD	Alameda County CS, CERS HAZ WASTE, CERS ...	1449 0.274 North

Focus Map - 4 - 07378454.10r



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23

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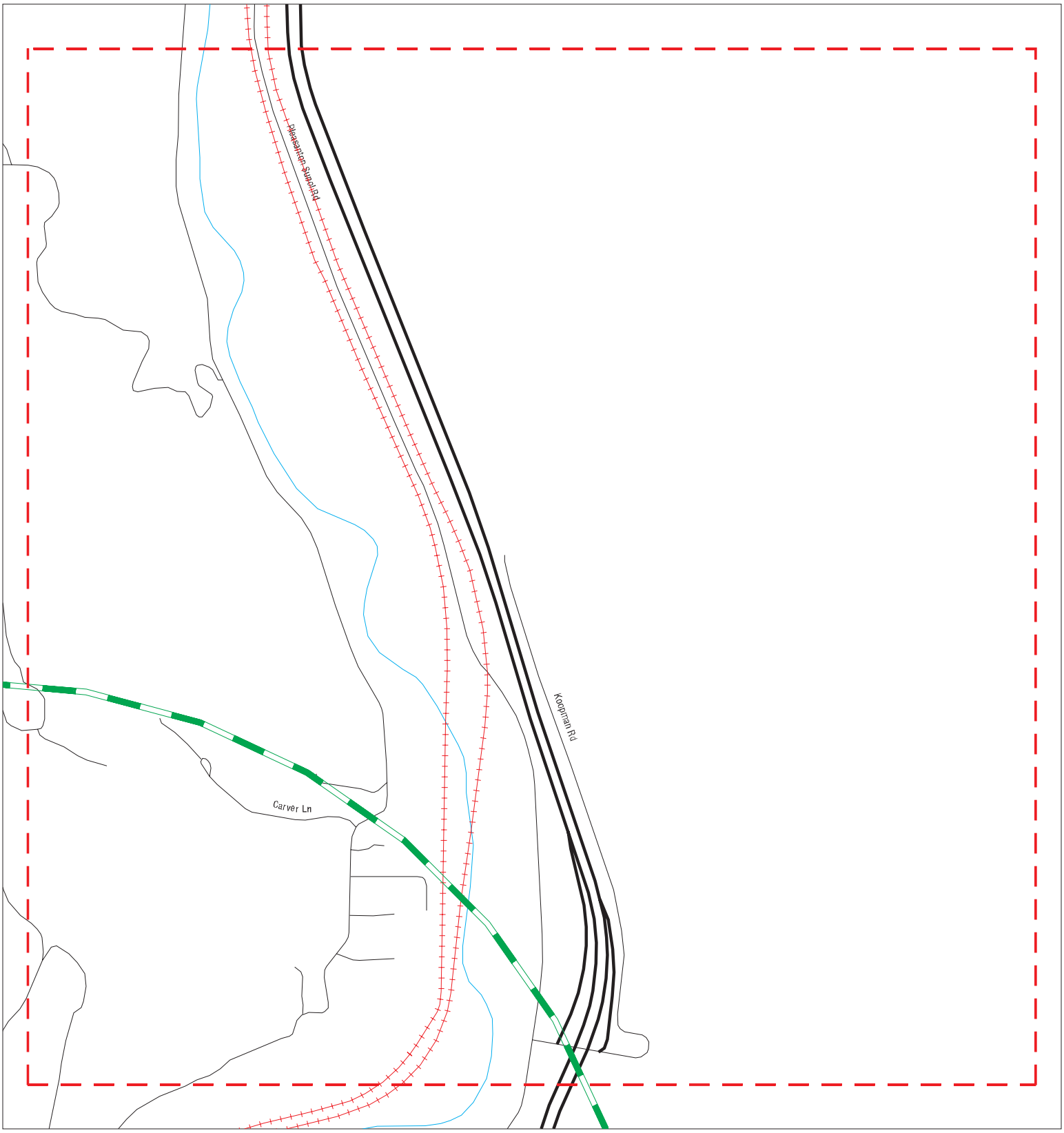
MAPPED SITES SUMMARY - FOCUS MAP 4

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 5 - 07378454.10r



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23

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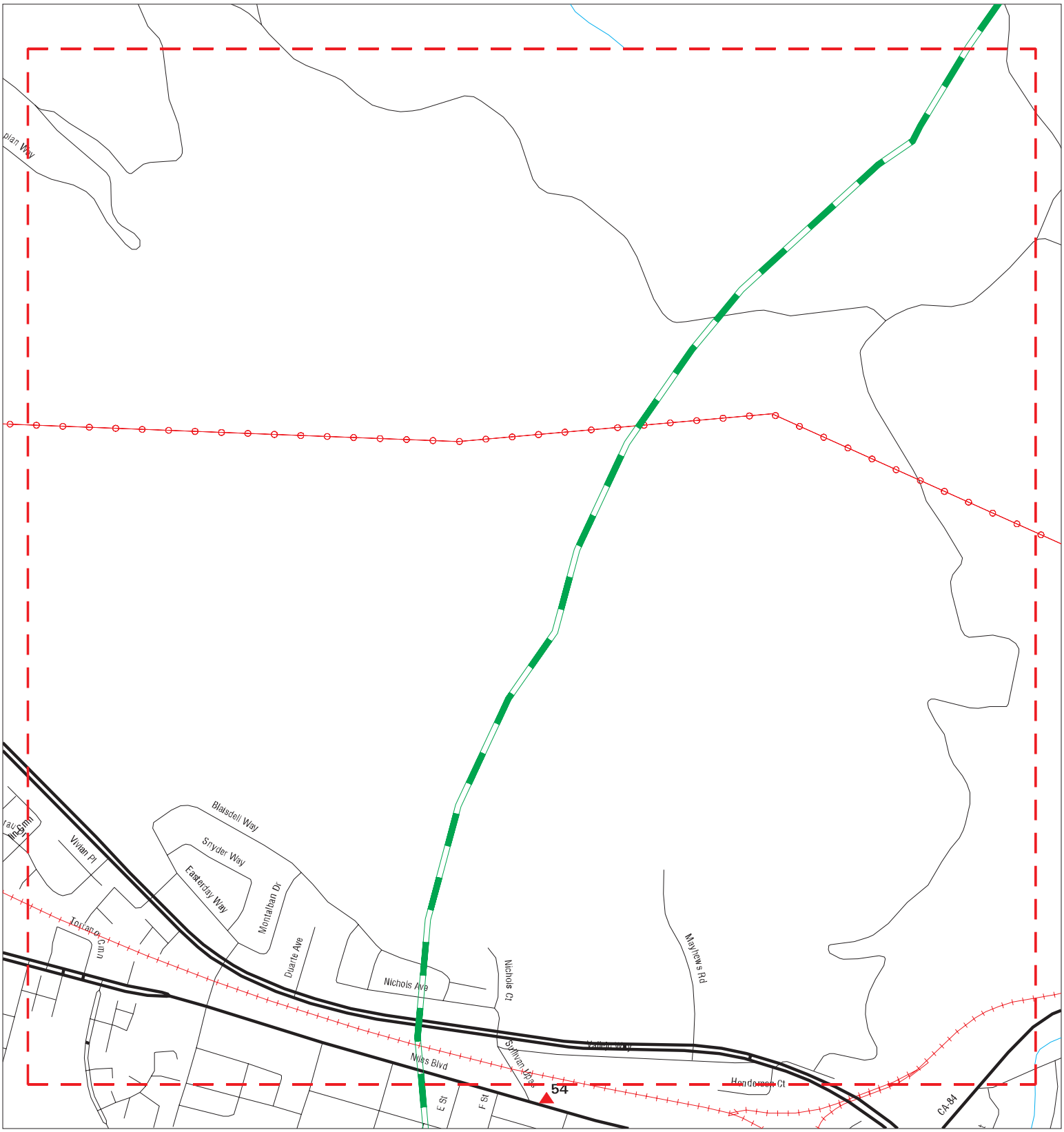
MAPPED SITES SUMMARY - FOCUS MAP 5

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 6 - 07378454.10r



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23

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MAPPED SITES SUMMARY - FOCUS MAP 6

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 7 - 07378454.10r



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23

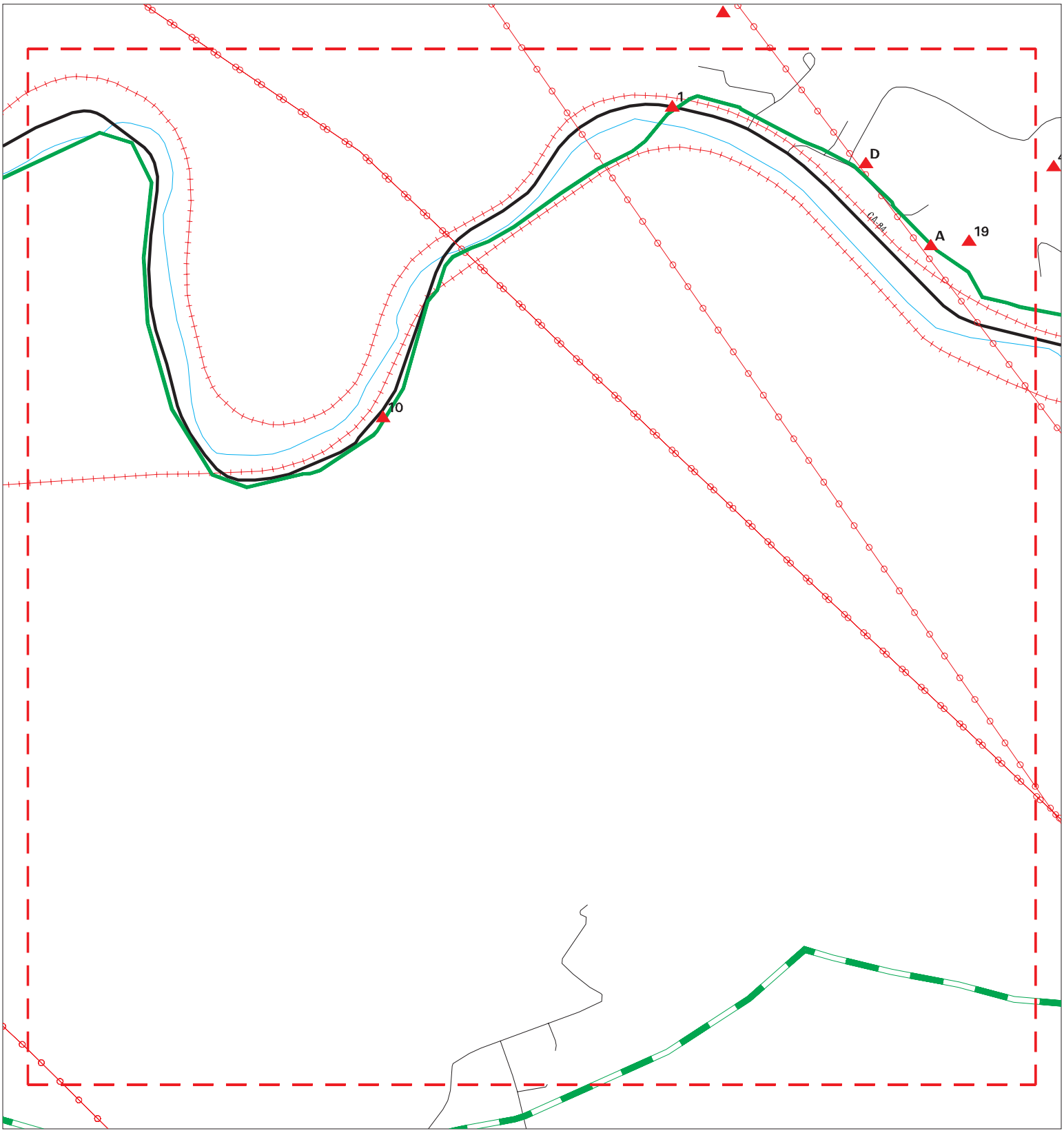
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MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
11 / 7	FRIES, DANIEL	1365 OLD CANYON RD A	HAZNET, HWTS	TP		
15 / 7	MISSION CLAY PRODUCT	2225 OLD CANYON ROAD	LUST	91	0.017	ESE
17 / 7	MISSION CLAY PRODUCT	2225 OLD CANYON RD	LUST, CPS-SLIC, HIST UST, Cortese, EMI, ...	153	0.029	WNW
18 / 7	SUNOL COMMUNICATION	3700 PALOMARES	HIST CORTESE	165	0.031	North
E20 / 7	NILES CANYON MOBIL	711 OLD CANYON RD	EDR Hist Auto	270	0.051	SSE
E21 / 7	LAURENE GALE	711 OLD CANYON #69	RCRA NonGen / NLR	270	0.051	SSE
22 / 7	MISSION CLAY PRODUCT	P.O. BOX 549	MINES	325	0.062	ESE
25 / 7	MODERN ALLOYS INC	2415 OLD CANYON RD	HIST UST	404	0.077	SE
27 / 7	NILES QUARRY		MINES MRDS	621	0.118	WNW
30 / 7	LISA & STEVE KETCHUM	1258 FILTON COURT	RCRA NonGen / NLR	702	0.133	SE
33 / 7	MISSION CLAY PRODUCT	2225 NILES CANYON RD	CPS-SLIC	831	0.157	SE

Focus Map - 8 - 07378454.10r



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23

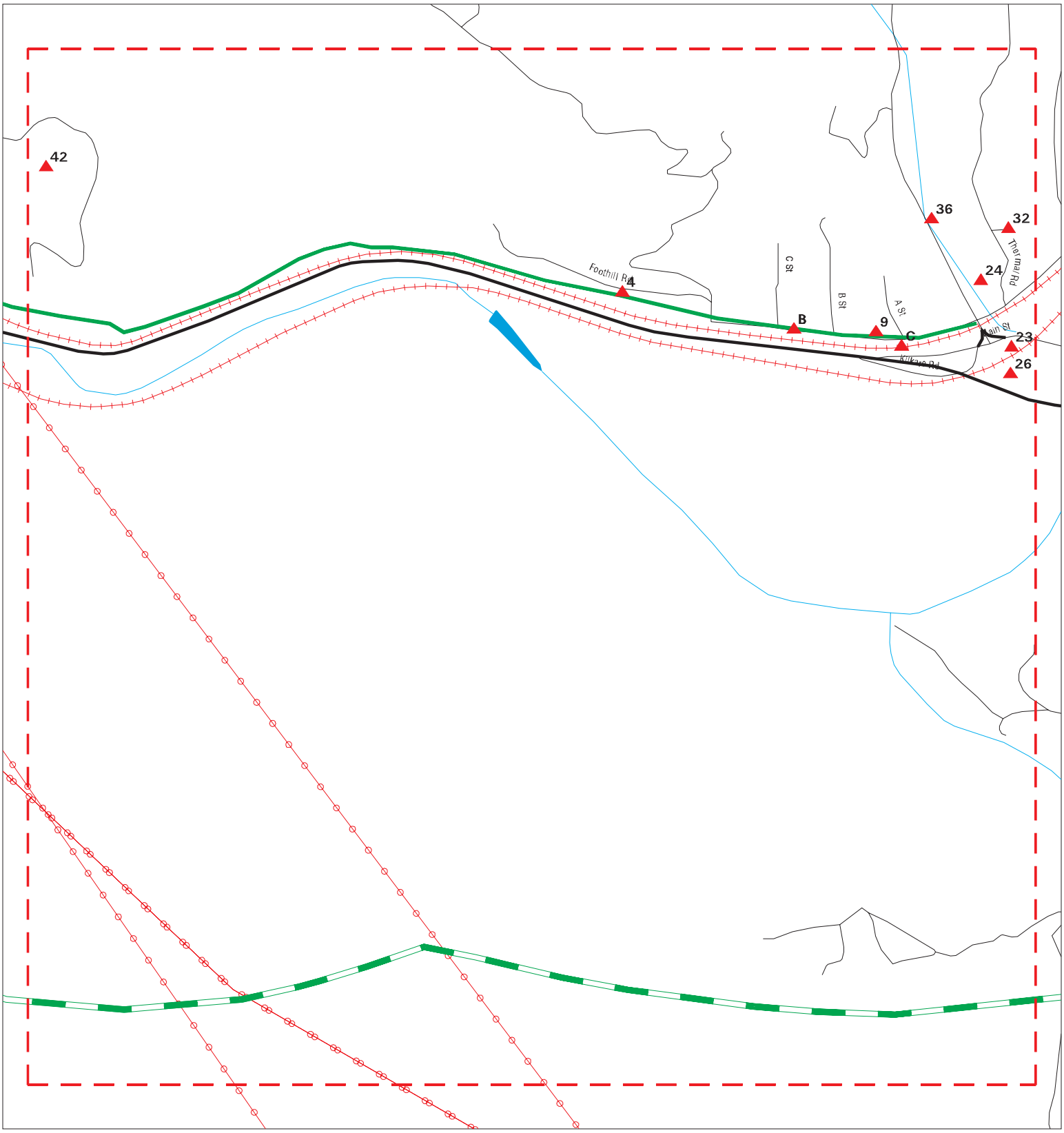
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MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 8	NILES CANYON RAILWAY	5550 NILES CANYON RO	NPDES, CIWQS, CERS	TP
A2 / 8	QUARRY		MINES MRDS	TP
A3 / 8	SUNOL PIT		MINES MRDS	TP
10 / 8	MANJIT SINGH	5551 NILES CANYON RD	HAZNET, HWTS	TP
D14 / 8	NILES CANYON QUARRY	1265 MONTECITO AVENU	MINES	85 0.016 NE
D16 / 8	KI-LITE PIT & MILL		MINES MRDS	100 0.019 SW
19 / 8	SU ORO CO		US MINES	209 0.040 NE

Focus Map - 9 - 07378454.10r



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23

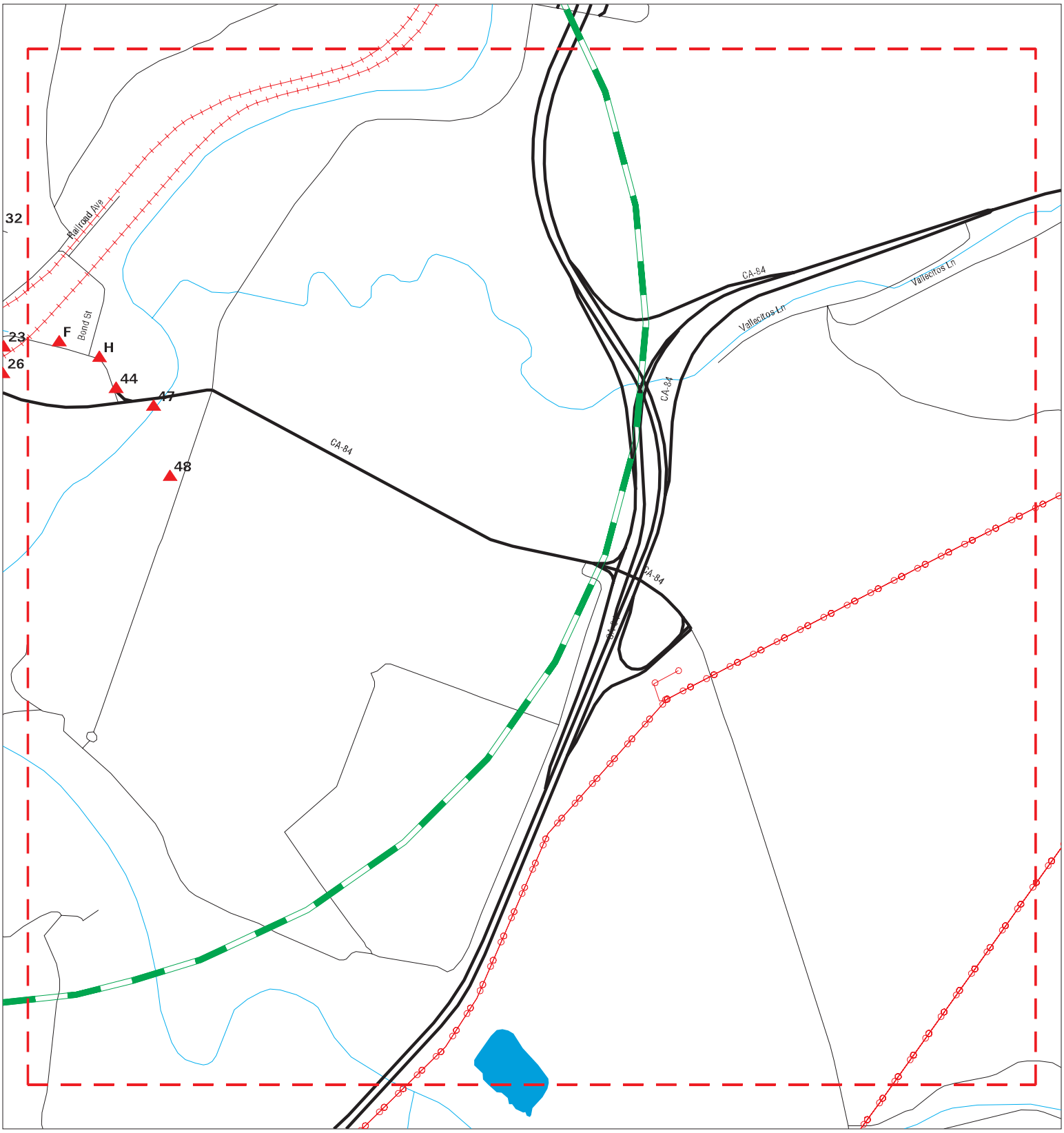
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MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
4 / 9	TYLER RANCH STAGING	12574 FOOTHILL ROAD	NPDES, CIWQS	TP
B5 / 9	1X WELLS FARGO BANK	12371 FOOTHILL ROAD	HAZNET, HWTS	TP
B6 / 9	TYLER RANCH	12371 FOOTHILL ROAD	HIST UST, NON-CASE INFO	TP
B7 / 9	TYLER RANCH	12371 FOOTHILL RD	RGA LUST	TP
B8 / 9	TYLER RANCH	12371 FOOTHILL	SWEEPS UST, HIST CORTESE	TP
9 / 9	NUNES SERVICES	12181 FOOTHILL RD	HWTS	TP
C12 / 9	NILES CANYON RAILWAY	6 KILKARE ROAD	CPS-SLIC, Alameda County CS, CERS	60 0.011 South
C13 / 9	SUNOL DEPOT NILES CA	6 KILKARE RD	RCRA NonGen / NLR	60 0.011 South
23 / 9	LOUTHAN PROPERTY	11930 MAIN ST	LUST, Cortese, HIST CORTESE, CERS	326 0.062 ESE
24 / 9	SUNOL RADIOGRAPHIC I	11973 FOOTHILL RD	RCRA NonGen / NLR, FINDS, ECHO, HAZNET, ...	348 0.066 North
26 / 9	DRT GRADING & PAVING	11896 MAIN ST	RCRA NonGen / NLR	466 0.088 SE
32 / 9	LYNNETTE MCDONALD	11911 FOOTHILL RD	RCRA NonGen / NLR	792 0.150 NNE
36 / 9	WILSON PROPERTY MANA	141 KILKARE ROAD	RCRA NonGen / NLR	885 0.168 NNW
42 / 9	NILES CANYON ROAD PI		MINES MRDS	1065 0.202 NE

Focus Map - 10 - 07378454.10r



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23

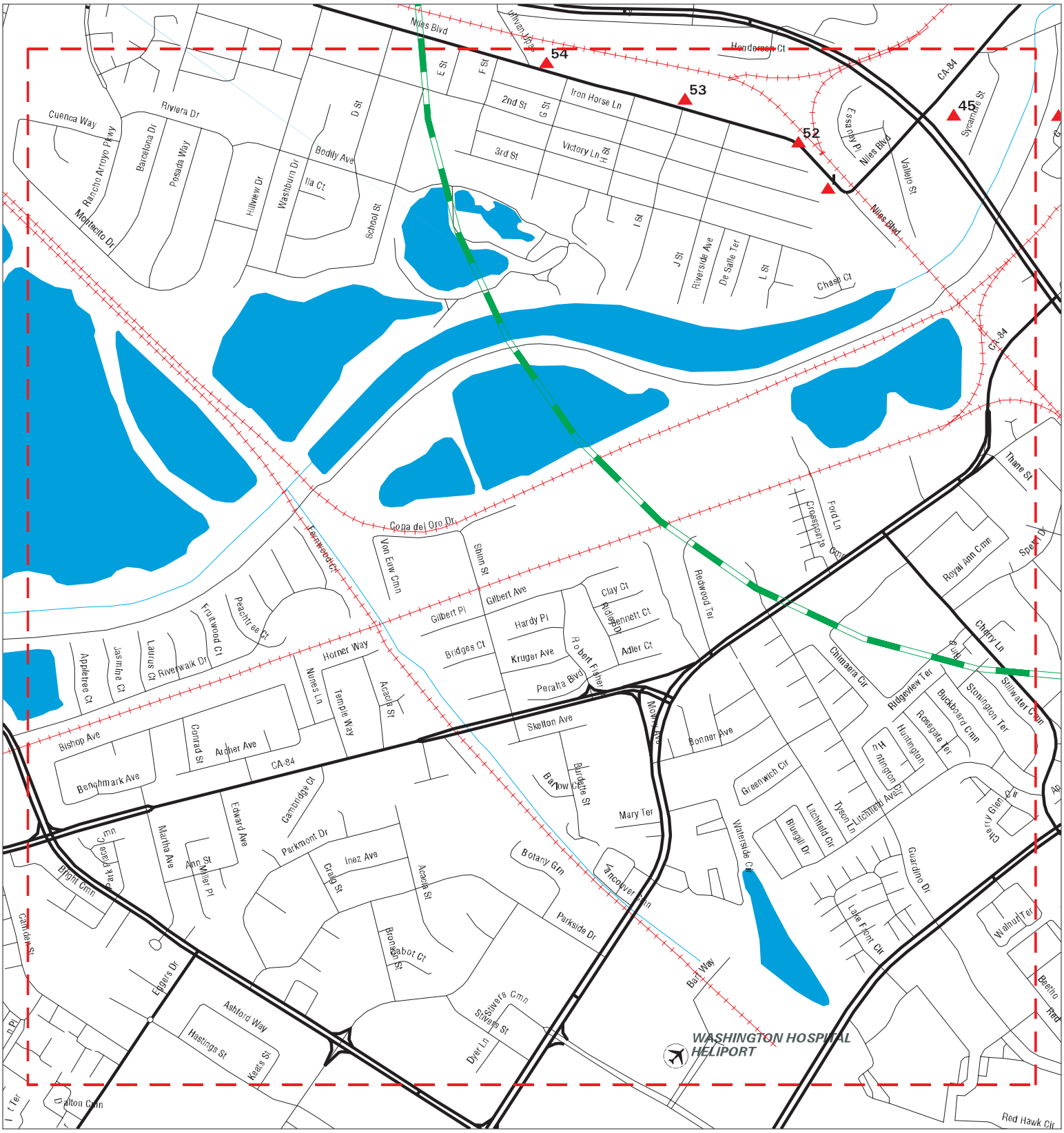
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MAPPED SITES SUMMARY - FOCUS MAP 10

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
F28 / 10	WHITE DALE & ALICE	11842 MAIN ST	EDR Hist Auto	657 0.124 ESE
F31 / 10	AT&T CALIFORNINA - P	11823 MAIN ST	HAZMAT, CERS	718 0.136 East
F34 / 10	SAN FRANCISCO PUBLIC	11772 MAIN STREET	CERS HAZ WASTE, EMI, CERS, HWTS	840 0.159 ESE
F35 / 10	SFPUC SUNOL FIRE PUM	11772 MAIN STREET	RCRA-VSQG	840 0.159 ESE
H39 / 10	CHEVRON	11727 MAIN ST	LUST	1053 0.199 ESE
H40 / 10	CHEVRON	11727 MAIN	LUST, Alameda County CS, Cortese, HIST C...	1053 0.199 ESE
H41 / 10	SUNOL SERVICE	11727 MAIN ST	SWEEPS UST, HIST UST	1053 0.199 ESE
44 / 10	SUNOL GLEN UNIFIED S	11601 MAIN STREET	RCRA NonGen / NLR	1253 0.237 ESE
47 / 10	SFWD SUNOL YARD	505 PALOMA	LUST, HIST CORTESE	1575 0.298 ESE
48 / 10	SFPUC SUNOL YARD AND	505 PALOMA	LUST, Alameda County CS, Cortese, CERS	1966 0.372 SE

Focus Map - 11 - 07378454.10r



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME:	Niles Canyon Pedestrian Trail
ADDRESS:	Niles Canyon Pedestrian Trail
CITY/STATE:	Fremont CA
ZIP:	94539

CLIENT:	Engeo Inc.
CONTACT:	Jenna Keith
INQUIRY #:	07378454.10r
DATE:	06/30/23

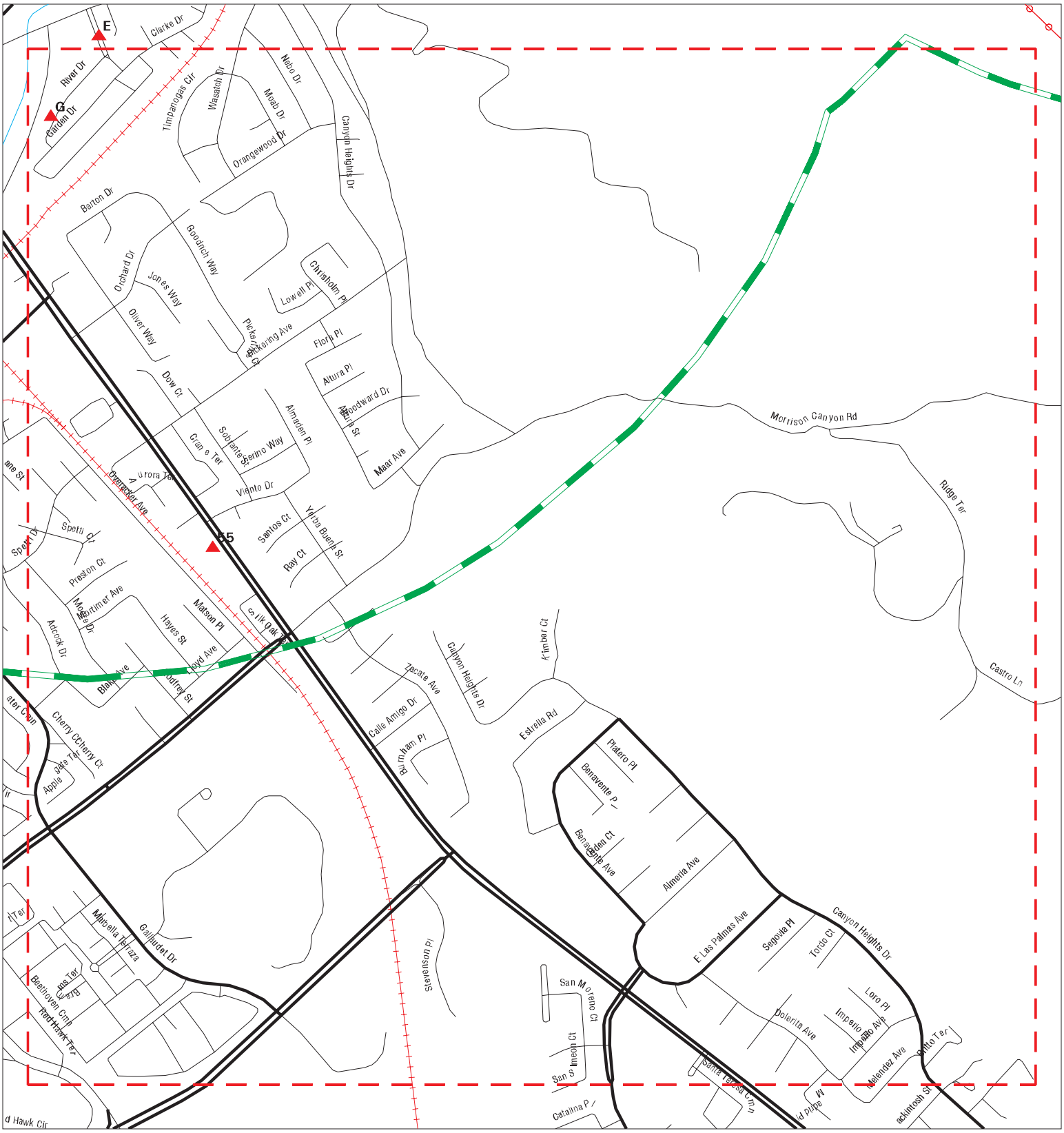
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MAPPED SITES SUMMARY - FOCUS MAP 11

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
45 / 11	SUPER 7 NO. 18908	38010 MISSION BLVD	LUST, Cortese, HIST CORTESE, NPDES, CIWQ...	1408	0.267	SW
I49 / 11	AMCHEM PRODUCTS INC	37899 NILES BLVD	CPS-SLIC, TSCA	2537	0.480	SW
I50 / 11	HENKEL SURFACE TECHN	37899 NILES BOULEVAR	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-	2537	0.480	SW
I51 / 11	AMCHEM PRODUCTS, INC	37899 NILES BOULEVAR	HIST Cal-Sites, CA BOND EXP. PLAN	2537	0.480	SW
52 / 11	L & M AUTO SERVICE (	37810 NILES BLVD	LUST, SWEEPS UST, CA FID UST, Cortese, H...	2555	0.484	WSW
53 / 11	NILES SQUARE	37482 - 37862 NILES	ENVIROSTOR, VCP	3284	0.622	WSW
54 / 11	WEED PROPERTY	37266-37268 NILES BO	ENVIROSTOR	4301	0.815	West

Focus Map - 12 - 07378454.10r



SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23

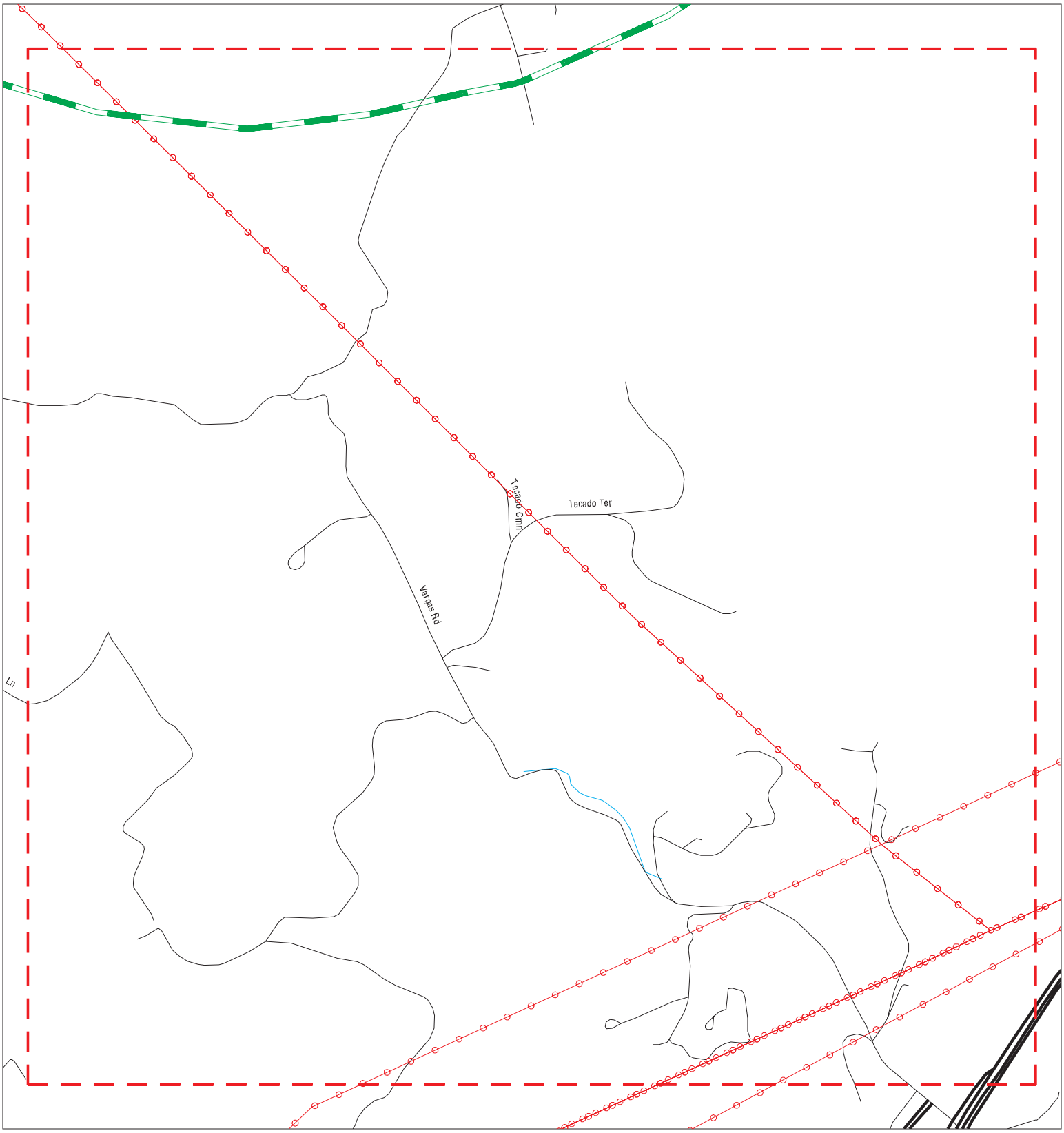
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MAPPED SITES SUMMARY - FOCUS MAP 12

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
G37 / 12	SILVA BROS.		MINES MRDS	927 0.176 SSW
G38 / 12	SILVA BROS.		MINES MRDS	941 0.178 SSW
55 / 12	THE LANDING WEST (FO	38861 AND 38873 MISS	ENVIROSTOR, VCP	4355 0.825 SSE

Focus Map - 13 - 07378454.10r



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Niles Canyon Pedestrian Trail	CLIENT: Engeo Inc.
ADDRESS: Niles Canyon Pedestrian Trail	CONTACT: Jenna Keith
CITY/STATE: Fremont CA	INQUIRY #: 07378454.10r
ZIP: 94539	DATE: 06/30/23

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MAPPED SITES SUMMARY - FOCUS MAP 13

Target Property:
NILES CANYON PEDESTRIAN TRAIL
FREMONT, CA 94539

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

1 **NILES CANYON RAILWAY** **NPDES** **S100940751**
Target **5550 NILES CANYON ROAD** **CIWQS** **N/A**
Property **SUNOL, CA 94586** **CERS**

Actual:
207 ft.

Focus Map:
8

NPDES:

Name:	NILES CANYON RAILWAY
Address:	5550 NILES CANYON ROAD
City,State,Zip:	SUNOL, CA 94586
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 01NNA002176
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	NONA Submitted
Status Date:	03/18/2022
Operator Name:	Pacific Locomotive Association
Operator Address:	PO Box 515
Operator City:	Sunol
Operator State:	California
Operator Zip:	94586

Name:	GGRM AT NILES CANYON RAILWAY
Address:	5550 NILES CANYON ROAD
City,State,Zip:	SUNOL, CA 94586
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 01I024013
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	12/27/2017

NILES CANYON RAILWAY (Continued) **S100940751**

Operator Name:	Golden Railroad Museum
Operator Address:	1755 E Bayshore Road Ste 19A
Operator City:	Redwood City
Operator State:	California
Operator Zip:	94063

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Terminated
Agency Number:	0
Region:	2
Regulatory Measure ID:	434203
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01I024013
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/18/2013
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	12/27/2017
Discharge Name:	Golden Railroad Museum
Discharge Address:	1755 E Bayshore Road Ste 19A
Discharge City:	Redwood City
Discharge State:	California
Discharge Zip:	94063
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported

NILES CANYON RAILWAY (Continued) **S100940751**

Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
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Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
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Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	434203
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I024013
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	01/18/2013
Processed Date:	01/18/2013
Status:	Active
Status Date:	01/18/2013
Place Size:	.7
Place Size Unit:	Acres
Contact:	Doug Debs
Contact Title:	Hazmat Mgr
Contact Phone:	650-704-1487
Contact Phone Ext:	Not reported
Contact Email:	dougdebs2472@yahoo.com
Operator Name:	Golden Railroad Museum
Operator Address:	1755 E Bayshore Road Ste 19A

NILES CANYON RAILWAY (Continued) **S100940751**

Operator City:	Redwood City
Operator State:	California
Operator Zip:	94063
Operator Contact:	Garrett Brisbee
Operator Contact Title:	President
Operator Contact Phone:	408-438-0504
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	garrett@brisbee.com
Operator Type:	Other
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	650-704-1487
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
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Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Alameda Creek
Certifier:	Douglas Debs
Certifier Title:	Hazmat Manager
Certification Date:	16-AUG-15
Primary Sic:	3743-Railroad Equipment
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	NILES CANYON RAILWAY
Address:	5550 NILES CANYON ROAD
City,State,Zip:	SUNOL, CA 94586
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	434202
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 01I024012
Regulatory Measure Type:	Enrollee

NILES CANYON RAILWAY (Continued) **S100940751**

Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/18/2013
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	PO Box 515
Discharge Name:	Pacific Locomotive Association
Discharge City:	Sunol
Discharge State:	California
Discharge Zip:	94586
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	434202
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I024012
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	01/18/2013
Processed Date:	01/18/2013
Status:	Active
Status Date:	01/18/2013
Place Size:	7
Place Size Unit:	Acres
Contact:	Doug Debs
Contact Title:	Hazmat Mgr
Contact Phone:	650-704-1487
Contact Phone Ext:	Not reported
Contact Email:	dougdebs2472@yahoo.com
Operator Name:	Pacific Locomotive Association
Operator Address:	PO Box 515
Operator City:	Sunol
Operator State:	California
Operator Zip:	94586
Operator Contact:	Dexter Day
Operator Contact Title:	General Mgr
Operator Contact Phone:	408-234-4956
Operator Contact Phone Ext:	Not reported

NILES CANYON RAILWAY (Continued) **S100940751**

Operator Contact Email:	plancrygm@sbcglobal.net
Operator Type:	Other
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	650-704-1487
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Alameda Creek
Certifier:	Douglas Debs
Certifier Title:	Hazmat Manager
Certification Date:	16-AUG-15
Primary Sic:	3743-Railroad Equipment
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	434202
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01I024012
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/18/2013
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Pacific Locomotive Association
Discharge Address:	PO Box 515
Discharge City:	Sunol
Discharge State:	California
Discharge Zip:	94586
Received Date:	Not reported

NILES CANYON RAILWAY (Continued) **S100940751**

Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NILES CANYON RAILWAY (Continued) **S100940751**

Name:	NILES CANYON RAILWAY
Address:	5550 NILES CANYON ROAD
City,State,Zip:	SUNOL, CA 94586
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 01I024012
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	07/10/2020
Operator Name:	Pacific Locomotive Association
Operator Address:	PO Box 515
Operator City:	Sunol
Operator State:	California
Operator Zip:	94586

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	434202
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I024012
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	01/18/2013
Processed Date:	01/18/2013
Status:	Active
Status Date:	01/18/2013
Place Size:	7
Place Size Unit:	Acres
Contact:	Doug Debs
Contact Title:	Hazmat Mgr

NILES CANYON RAILWAY (Continued) **S100940751**

Contact Phone:	650-704-1487
Contact Phone Ext:	Not reported
Contact Email:	dougdebs2472@yahoo.com
Operator Name:	Pacific Locomotive Association
Operator Address:	PO Box 515
Operator City:	Sunol
Operator State:	California
Operator Zip:	94586
Operator Contact:	Dexter Day
Operator Contact Title:	General Mgr
Operator Contact Phone:	408-234-4956
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	plancrygm@sbcglobal.net
Operator Type:	Other
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	650-704-1487
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Alameda Creek
Certifier:	Douglas Debs
Certifier Title:	Hazmat Manager
Certification Date:	16-AUG-15
Primary Sic:	3743-Railroad Equipment
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	434202
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported

NILES CANYON RAILWAY (Continued) **S100940751**

WDID:	2 01I024012
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/18/2013
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Pacific Locomotive Association
Discharge Address:	PO Box 515
Discharge City:	Sunol
Discharge State:	California
Discharge Zip:	94586
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported

NILES CANYON RAILWAY (Continued) **S100940751**

Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	SRDC INC NILES CANYON QUARRY
Address:	5550 NILES CANYON RD
City,State,Zip:	SUNOL, CA 94586
Agency:	SRDC Inc
Agency Address:	1265 Montecito Ave Ste 200, Mountain View, CA 94043
Place/Project Type:	Industrial - Concrete Products, Except Block and Brick
SIC/NAICS:	3272
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01I015258
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	07/13/1999
Termination Date:	06/04/2015
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:	Not reported
Longitude:	Not reported

Name:	GGRM AT NILES CANYON RAILWAY
Address:	5550 NILES CANYON ROAD
City,State,Zip:	SUNOL, CA 94586
Agency:	Golden Railroad Museum
Agency Address:	1755 E Bayshore Road Ste 19A, Redwood City, CA 94063
Place/Project Type:	Industrial - Railroad Equipment
SIC/NAICS:	3743
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01I024013
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	01/18/2013
Termination Date:	12/27/2017

NILES CANYON RAILWAY (Continued) **S100940751**

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:	37.59899
Longitude:	-121.9241

Name:	NILES CANYON RAILWAY
Address:	5550 NILES CANYON ROAD
City,State,Zip:	SUNOL, CA 94586
Agency:	Pacific Locomotive Association
Agency Address:	PO Box 515, Sunol, CA 94586
Place/Project Type:	Industrial - Railroad Equipment
SIC/NAICS:	3743
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01I024012
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	01/18/2013
Termination Date:	Not reported
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:	37.59899
Longitude:	-121.9241

CERS:

Name:	NILES CANYON RAILWAY
Address:	5550 NILES CANYON ROAD
City,State,Zip:	SUNOL, CA 94586
Site ID:	537929
CERS ID:	821037
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	537929
Site Name:	Niles Canyon Railway
Violation Date:	07-02-2013
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	missinga nnual report
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS,

NILES CANYON RAILWAY (Continued) **S100940751**

Enforcement Action:

Site ID:	537929
Site Name:	Niles Canyon Railway
Site Address:	5550 NILES CANYON ROAD
Site City:	SUNOL
Site Zip:	94586
Enf Action Date:	01-30-2014
Enf Action Type:	Industrial Storm Water Enforcement
Enf Action Description:	Industrial Storm Water Enforcement
Enf Action Notes:	Notice of Noncompliance for missing 2012-13 Annual Report.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Pacific Locomotive Association
Entity Title:	Operator
Affiliation Address:	PO Box 515
Affiliation City:	Sunol
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94586
Affiliation Phone:	,

A2 **QUARRY** **MINES MRDS** **1025569269**
Target **N/A**
Property **ALAMEDA (County), CA**

Site 1 of 2 in cluster A

Actual: **234 ft.**

Focus Map: **8**

MINES MRDS:

Name:	QUARRY
Address:	Not reported
Deposit identification Number:	10076419
City,State,Zip:	CALIFORNIA
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10076419
MRDS Identification Number:	W023413
MAS/MILS Identification Number:	Not reported
Region:	NA
Country:	United States
Primary Commodities:	Sand and Gravel, Construction
Secondary Commodities:	Not reported
Tertiary Commodities:	Not reported
Operation Type:	Unknown
Deposit Type:	Sedimentary
Production Size:	S - Small amount of material produced (we do not know what criteria are used to make this determination)
Development Status:	Past Producer
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported

QUARRY (Continued) **1025569269**

Concentration Processes:	Not reported
Previous Names:	Not reported
Ore Controls:	Not reported
Reporter:	Unknown
Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported
Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported
Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported
Ended Before/After LPY:	Not reported
Year Discovered:	Not reported
Found Before/After YD:	Not reported
Production History:	Not reported
Discovery Information:	Not reported
Latitude:	37.59602
Longitude:	-121.91714

A3 **SUNOL PIT** **MINES MRDS** **1025622013**
Target Property **ALAMEDA (County), CA** **N/A**

Site 2 of 2 in cluster A

Actual: 234 ft.
Focus Map: 8

MINES MRDS:

Name:	SUNOL PIT
Address:	Not reported
Deposit identification Number:	10138744
City,State,Zip:	CALIFORNIA
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10138744
MRDS Identification Number:	Not reported
MAS/MILS Identification Number:	0060010065
Region:	NA
Country:	United States
Primary Commodities:	Sand and Gravel, Construction
Secondary Commodities:	Not reported
Tertiary Commodities:	Not reported
Operation Type:	Surface
Deposit Type:	Not reported
Production Size:	Not reported
Development Status:	Producer
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported
Concentration Processes:	Not reported
Previous Names:	Mission Valley Rock Co.
Ore Controls:	Not reported
Reporter:	Western Field Operations Center (WFOC)
Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported

SUNOL PIT (Continued) **1025622013**

Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported
Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported
Ended Before/After LPY:	Not reported
Year Discovered:	Not reported
Found Before/After YD:	Not reported
Production History:	Not reported
Discovery Information:	Not reported
Latitude:	37.59601
Longitude:	-121.91713

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4 **TYLER RANCH STAGING AREA PLEASANTON RIDGE REGIONAL** **NPDES S128001302**
Target **12574 FOOTHILL ROAD** **CIWQS N/A**
Property **SUNOL, CA 94586**

Actual:
274 ft.

Focus Map:
9

NPDES:

Name:	TYLER RANCH STAGING AREA PLEASANTON RIDGE REGIONAL PARK
Address:	12574 FOOTHILL ROAD
City,State,Zip:	SUNOL, CA 94586
Facility Status:	Terminated
NPDES Number:	CAS000002
Region:	2
Agency Number:	0
Regulatory Measure ID:	541519
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	2 01C395235
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/27/2021
Termination Date Of Regulatory Measure:	07/15/2022
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2950 Peralta Oaks Court
Discharge Name:	East Bay Regional Park District
Discharge City:	Oakland
Discharge State:	California
Discharge Zip:	94605
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	TYLER RANCH STAGING AREA PLEASANTON RIDGE REGIONAL PARK
Address:	12574 FOOTHILL ROAD
City,State,Zip:	SUNOL, CA 94586
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported

TYLER RANCH STAGING AREA PLEASANTON RIDGE REGIONAL PARK (Continued) **S128001302**

Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 01C395235
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	07/15/2022
Operator Name:	East Bay Regional Park District
Operator Address:	2950 Peralta Oaks Court
Operator City:	Oakland
Operator State:	California
Operator Zip:	94605

Name:	TYLER RANCH STAGING AREA PLEASANTON RIDGE REGIONAL PARK
Address:	12574 FOOTHILL ROAD
City,State,Zip:	SUNOL, CA 94586
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 01C395235
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	07/15/2022
Operator Name:	East Bay Regional Park District
Operator Address:	2950 Peralta Oaks Court
Operator City:	Oakland
Operator State:	California
Operator Zip:	94605

CIWQS:

Name:	TYLER RANCH STAGING AREA PLEASANTON RIDGE REGIONAL PARK
Address:	12574 FOOTHILL ROAD
City,State,Zip:	SUNOL, CA 94586

TYLER RANCH STAGING AREA PLEASANTON RIDGE REGIONAL PARK (Continued) **S128001302**

Agency:	East Bay Regional Park District
Agency Address:	2950 Peralta Oaks Court, Oakland, CA 94605
Place/Project Type:	Construction - Transportation
SIC/NAICS:	Not reported
Region:	2
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	2 01C395235
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	09/27/2021
Termination Date:	07/15/2022
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:	37.594686
Longitude:	-121.895227

B5 **1X WELLS FARGO BANK** **HAZNET** **S123732360**
Target **12371 FOOTHILL ROAD** **HWTS** **N/A**
Property **SUNOL, CA 94586**

Site 1 of 4 in cluster B

Actual: **258 ft.**

Focus Map: **9**

HAZNET:

Name:	1X WELLS FARGO BANK
Address:	12371 FOOTHILL ROAD
Address 2:	Not reported
City,State,Zip:	SUNOL, CA 945860000
Contact:	MARK DIVOKY, CONTRACTOR
Telephone:	4156590404
Mailing Name:	Not reported
Mailing Address:	500 CAPITOL MALL
Year:	1991
Gepaid:	CAC000541328
TSD EPA ID:	CAD980887418
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.2293
Year:	1991
Gepaid:	CAC000541328
TSD EPA ID:	CAD004771168
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	R01 - Recycler
Tons:	0.25

HWTS:

Name:	1X WELLS FARGO BANK

1X WELLS FARGO BANK (Continued) **S123732360**

Address:	12371 FOOTHILL ROAD
Address 2:	Not reported
City,State,Zip:	SUNOL, CA 94586
EPA ID:	CAC000541328
Inactive Date:	10/25/2000
Create Date:	11/20/1990
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	500 CAPITOL MALL
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SACRAMENTO, CA 958140000
Owner Name:	WELLS FARGO BANK
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Contact Name:	MARK DIVOKY, CONTRACTOR
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.698059
Longitude:	-121.935102

B6 **TYLER RANCH** **HIST UST** **U001598696**
Target Property **12371 FOOTHILL ROAD** **NON-CASE INFO** **N/A**
SUNOL, CA 94586

Site 2 of 4 in cluster B

Actual: 258 ft.
Focus Map: 9

HIST UST:

Name:	TYLER RANCH
Address:	12371 FOOTHILL ROAD
City,State,Zip:	SUNOL, CA 94586
File Number:	00036107
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/00036107.pdf
Region:	STATE
Facility ID:	00000064487
Facility Type:	Other
Other Type:	CATTLE RANCH
Contact Name:	RUSSELL ANDERSEN
Telephone:	9164494305
Owner Name:	MABEL H. TYLER AND BANK OF AME
Owner Address:	3500 AMERICAN RIVER DRIVE, SUI
Owner City,St,Zip:	SACRAMENTO, CA 95864
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

TYLER RANCH (Continued) **U001598696**

Click here for Geo Tracker PDF:

NON-CASE INFO:

Name:	TYLER RANCH
Address:	12371 FOOTHILL ROAD
City,State,Zip:	SUNOL, CA 94586
Global ID:	T10000017311
Case Type:	Non-Case Information
Status:	Informational Item / Review Complete
Status Date:	08/19/2021
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-2000
Loc Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	10/18/1994
How Discovered:	Not reported
How Discovered Description:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
Latitude:	37.59439
Longitude:	-121.89396
Geotracker:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000017311
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Leak Reported Date:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	South Bay - Alameda Creek (204.30)
Dwr Groundwater Subbasin Name:	Not reported
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	11-15%
CA Enviroscreen 4 Score:	5-10%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)

B7 **TYLER RANCH** **RGA LUST** **S114707718**
Target **12371 FOOTHILL RD** **N/A**
Property **SUNOL, CA**

Site 3 of 4 in cluster B

Actual: **258 ft.**

Focus Map: **9**

RGA LUST:

Name:	TYLER RANCH
Address:	12371 FOOTHILL RD
City:	SUNOL
State:	SUNOL
	2002 TYLER RANCH 12371 FOOTHILL RD
Name:	TYLER RANCH

TYLER RANCH (Continued) **S114707718**

Address: 12371 FOOTHILL RD
City: SUNOL
State: SUNOL
2001 TYLER RANCH 12371 FOOTHILL RD
Name: TYLER RANCH
Address: 12371 FOOTHILL RD
City: SUNOL
State: SUNOL
2000 TYLER RANCH 12371 FOOTHILL RD
Name: TYLER RANCH
Address: 12371 FOOTHILL RD
City: SUNOL
State: SUNOL
1998 TYLER RANCH 12371 FOOTHILL RD
Name: TYLER RANCH
Address: 12371 FOOTHILL RD
City: SUNOL
State: SUNOL
1997 TYLER RANCH 12371 FOOTHILL RD
Name: TYLER RANCH
Address: 12371 FOOTHILL RD
City: SUNOL
State: SUNOL
1996 TYLER RANCH 12371 FOOTHILL RD
Name: TYLER RANCH
Address: 12371 FOOTHILL RD
City: SUNOL
State: SUNOL
1995 TYLER RANCH 12371 FOOTHILL RD

B8 **TYLER RANCH** **SWEEPS UST** **S104162339**
Target **12371 FOOTHILL** **HIST CORTESE** **N/A**
Property **SUNOL, CA 94586**

Site 4 of 4 in cluster B

Actual: **258 ft.**

Focus Map: **9**

SWEEPS UST:
Name: TYLER RANCH
Address: 12371 FOOTHILL RD
City: SUNOL
Status: Active
Comp Number: 64487
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 01-000-064487-000001
Tank Status: A
Capacity: Not reported
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

TYLER RANCH (Continued) **S104162339**

HIST CORTESE:

edr_fname:	TYLER RANCH
edr_fadd1:	12371 FOOTHILL
City,State,Zip:	SUNOL, CA 94586
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2000

---

9 **NUNES SERVICES** **HWTS** **S124855792**
Target Property **12181 FOOTHILL RD** **N/A**
SUNOL, CA 94586

Actual: 275 ft.

Focus Map: 9

HWTS:

Name:	NUNES SERVICES
Address:	12181 FOOTHILL RD
Address 2:	Not reported
City,State,Zip:	SUNOL, CA 94586
EPA ID:	CAL000296865
Inactive Date:	06/30/2011
Create Date:	07/26/2005
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 70
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SUNOL, CA 94586
Owner Name:	JAMES E NUNES
Owner Address:	12181 FOOTHILL RD
Owner Address 2:	Not reported
Owner City,State,Zip:	SUNOL, CA 94586
Contact Name:	JIM OR HEATHER NUNES
Contact Address:	12181 FOOTHILL RD
Contact Address 2:	Not reported
City,State,Zip:	SUNOL, CA 94586
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.594011
Longitude:	-121.890542

NAICS:

EPA ID:	CAL000296865
Create Date:	2005-07-26 09:38:51.710
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2005-07-26 09:38:51.63300
Inactive Date:	2011-06-30 00:00:00
Facility Name:	NUNES SERVICES
Facility Address:	12181 FOOTHILL RD
Facility Address 2:	Not reported
Facility City:	SUNOL
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94586

10 **MANJIT SINGH** **HAZNET** **S117287985**
Target **5551 NILES CANYON RD** **HWTS** **N/A**
Property **SUNOL, CA 94588**

Actual:
186 ft.

Focus Map:
8

HAZNET:

Name:	MANJIT SINGH
Address:	5551 NILES CANYON RD
Address 2:	Not reported
City,State,Zip:	SUNOL, CA 94588
Contact:	MANJIT SINGH
Telephone:	2093215496
Mailing Name:	Not reported
Mailing Address:	214 W 10TH ST
Year:	2013
Gepaid:	CAC002724342
TSD EPA ID:	UTC093012201
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:	22

Additional Info:

Year:	2013
Gen EPA ID:	CAC002724342
Shipment Date:	20130328
Creation Date:	6/7/2013 22:15:20
Receipt Date:	20130409
Manifest ID:	004673619FLE
Trans EPA ID:	CAR000225409
Trans Name:	LCE TRANSPORT
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	UNION PACIFIC LINES CO
TSDF EPA ID:	UTC093012201
Trans Name:	ECDC ENVIRONMENTAL
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:	22
Waste Quantity:	22
Quantity Unit:	T
Additional 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:	MANJIT SINGH
Address:	5551 NILES CANYON RD
Address 2:	Not reported
City,State,Zip:	SUNOL, CA 94588
EPA ID:	CAC002724342

MANJIT SINGH (Continued) **S117287985**

Inactive Date:	06/21/2013
Create Date:	03/22/2013
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	214 W 10TH ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	TRACY, CA 953763932
Owner Name:	MANJIT SINGH
Owner Address:	214 W 10TH ST
Owner Address 2:	Not reported
Owner City,State,Zip:	TRACY, CA 953763932
Contact Name:	MANJIT SINGH
Contact Address:	214 W 10TH ST
Contact Address 2:	Not reported
City,State,Zip:	TRACY, CA 953763932
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.59234
Longitude:	-121.931883

---

11 **FRIES, DANIEL** **HAZNET** **S118209922**
Target **1365 OLD CANYON RD APT 5** **HWTS** **N/A**
Property **FREMONT, CA 94536**

Actual:
104 ft.

Focus Map:
7

HAZNET:

Name:	FRIES, DANIEL
Address:	1365 OLD CANYON RD APT 5
Address 2:	Not reported
City,State,Zip:	FREMONT, CA 945361775
Contact:	FRIES, DANIEL
Telephone:	5107931100
Mailing Name:	Not reported
Mailing Address:	1365 OLD CANYON RD APT 5
Year:	2014
Gepaid:	CAC002770572
TSD EPA ID:	CAD981382732
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4

Additional Info:

Year:	2014
Gen EPA ID:	CAC002770572
Shipment Date:	20140512
Creation Date:	7/11/2014 22:15:07
Receipt Date:	20140516
Manifest ID:	012492686JJK
Trans EPA ID:	CAR000050815
Trans Name:	PW STEPHENS ENVIRONMENTAL INC
Trans 2 EPA ID:	CAL000317320
Trans 2 Name:	UNIWASTE
TSDF EPA ID:	CAD981382732

FRIES, DANIEL (Continued) **S118209922**

Trans Name:	ALTAMONT LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
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:	0.4
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	FRIES, DANIEL
Address:	1365 OLD CANYON RD APT 5
Address 2:	Not reported
City,State,Zip:	FREMONT, CA 94536
EPA ID:	CAC002770572
Inactive Date:	08/08/2014
Create Date:	05/09/2014
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	1365 OLD CANYON RD APT 5
Mailing Address 2:	Not reported
Mailing City,State,Zip:	FREMONT, CA 945361775
Owner Name:	FRIES, DANIEL
Owner Address:	1365 OLD CANYON RD APT 5
Owner Address 2:	Not reported
Owner City,State,Zip:	FREMONT, CA 945361775
Contact Name:	FRIES, DANIEL
Contact Address:	1365 OLD CANYON RD APT 5
Contact Address 2:	Not reported
City,State,Zip:	FREMONT, CA 945361775
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.585277
Longitude:	-121.963047

C12 **NILES CANYON RAILWAY** **CPS-SLIC** **S116741936**
South **6 KILKARE ROAD** **Alameda County CS** **N/A**
< 1/8 **SUNOL, CA 94586** **CERS**
0.011 mi.
60 ft. **Site 1 of 2 in cluster C**

Actual:
277 ft.

Focus Map:
9

CPS-SLIC:

Name:	NILES CANYON RAILWAY
Address:	6 KILKARE ROAD
City,State,Zip:	SUNOL, CA 94586
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	06/26/2014
Global Id:	T10000006021

NILES CANYON RAILWAY (Continued) **S116741936**

Lead Agency:	ALAMEDA COUNTY LOP
Lead Agency Case Number:	RO0003141
Latitude:	37.594091
Longitude:	-121.8889721
Case Type:	Cleanup Program Site
Case Worker:	TF
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	06/15/2014
Leak Reported Date:	06/26/2014
How Discovered:	Other Means
How Discovered Description:	Complaint
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	South Bay - Alameda Creek (204.30)
Dwr Groundwater Subbasin Name:	Not reported
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	11-15%
CA Enviroscreen 4 Score:	5-10%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	A surface spill of oil from a locomotive occurred on the railroad tracks near the Niles Canyon Railway station and museum. Cleanup of the surface spill is pending.

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

Alameda County CS:

Name:	NILES CANYON RAILWAY
Address:	6 KILKARE RD
City,State,Zip:	SUNOL, CA 94586-
Status:	Pollution Characterization
Record Id:	RO0003141
PE:	5502
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

CERS:

Name:	NILES CANYON RAILWAY
Address:	6 KILKARE ROAD
City,State,Zip:	SUNOL, CA 94586
Site ID:	235663
CERS ID:	T10000006021
CERS Description:	Cleanup Program Site

NILES CANYON RAILWAY (Continued) **S116741936**

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TAMAMI FRENCH - ALAMEDA COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1131 Harbor Bay Pkwy
Affiliation City:	ALAMEDA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5106391370,

C13 **SUNOL DEPOT NILES CANYON RAILWAY** **RCRA NonGen / NLR** **1024845898**
South **6 KILKARE RD** **CAL000399398**
< 1/8 **SUNOL, CA 94586**
0.011 mi.
60 ft. **Site 2 of 2 in cluster C**

Actual:
277 ft.

Focus Map:
9

RCRA Listings:

Date Form Received by Agency:	20140731
Handler Name:	Sunol Depot Niles Canyon Railway
Handler Address:	6 KILKARE RD
Handler City,State,Zip:	SUNOL, CA 94586
EPA ID:	CAL000399398
Contact Name:	DOUG DEBS/HAZMAT MGR
Contact Address:	3469 BRYANT ST
Contact City,State,Zip:	PALO ALTO, CA 94306-3543
Contact Telephone:	650-704-1487
Contact Fax:	000-000-0000
Contact Email:	DOUGDEBS2472@YAHOO.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:	PO BOX 515
Mailing City,State,Zip:	SUNOL, CA 94586-0515
Owner Name:	Pacific Locomotive Assoc Dba Niles
Owner Type:	Other
Operator Name:	Doug Debs/Hazmat Mgr
Operator Type:	Other
Short-Term Generator Activity:	No

SUNOL DEPOT NILES CANYON RAILWAY (Continued) **1024845898**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: DOUG DEBS/HAZMAT MGR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3469 BRYANT ST
Owner/Operator City,State,Zip:	PALO ALTO, CA 94306-3543
Owner/Operator Telephone:	650-704-1487
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: PACIFIC LOCOMOTIVE ASSOC DBA NILES	
Legal Status:	Other

SUNOL DEPOT NILES CANYON RAILWAY (Continued) **1024845898**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 515
Owner/Operator City,State,Zip:	SUNOL, CA 94586-0515
Owner/Operator Telephone:	925-447-7358
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20140731
Handler Name:	SUNOL DEPOT NILES CANYON RAILWAY
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:	62191
NAICS Description:	AMBULANCE SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

D14 **NILES CANYON QUARRY** **MINES** **S117662202**
NE **1265 MONTECITO AVENUE** **N/A**
< 1/8 **, CA**
0.016 mi.
85 ft. **Site 1 of 2 in cluster D**

Actual:
246 ft.

Focus Map:
8

MINES:

Name:	NILES CANYON QUARRY
Address:	1265 MONTECITO AVENUE
City,State,Zip:	CA
Latitude:	37.597778
Longitude:	-121.918889
Lead Agency identification code:	1
Lead Agency name:	County of Alameda
Year of the operator supplied annual report:	2021
Type of report submitted by operator:	2
Number of acres disturbed by the mine:	0
Status of mining operation:	CLOSED NO INTENT TO RESUME
Status of mine reclamation:	RECLAMATION IN PROGRESS
Mine operator:	FERRARI
Operator Address:	1265 MONTECITO AVENUE, SUITE 200
Operator City, State, Zip:	MOUNTAIN VIEW, CA 95762

NILES CANYON QUARRY (Continued) **S117662202**

Operator County:	Not reported
Mine owner:	FERRARI
Owner Address:	1265 MONTECITO AVE.
Owner City, State, Zip:	MOUNTAIN VIEW, CA 94043
Owner County:	Not reported
Reclamation plan identification number:	Not reported
Primary product produced by the mine:	Fill Dirt
Other products produced by the mine:	Not reported
Conditional use permit identification number:	SMP4 RES 80
Number of acres permitted for mining disturbance:	176
Total amount of funds posted by the mine for reclamation:	178960
Financial Assurance Cost Estimate for reclamation:	3964823.57
X Coordinates:	-13571948.642
Y Coordinates:	4522760.1249

---

15 **MISSION CLAY PRODUCTS CORPORATION** **LUST** **S105481854**
ESE **2225 OLD CANYON ROAD** **N/A**
< 1/8 **FREMONT, CA**
0.017 mi.
91 ft.

Actual:
130 ft.

Focus Map:
7

LUST REG 2:

Region:	2
Facility Id:	01-2559
Facility Status:	Post remedial action monitoring
Case Number:	0234
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	5/31/2002

D16 **KI-LITE PIT & MILL** **MINES MRDS** **1025599541**
SW **N/A**
< 1/8 **ALAMEDA (County), CA**
0.019 mi.
100 ft. **Site 2 of 2 in cluster D**

Actual:
222 ft.

Focus Map:
8

MINES MRDS:

Name:	KI-LITE PIT & MILL
Address:	Not reported
Deposit identification Number:	10114341
City,State,Zip:	CALIFORNIA
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10114341
MRDS Identification Number:	W023453
MAS/MILS Identification Number:	0060010158
Region:	NA
Country:	United States
Primary Commodities:	Clay
Secondary Commodities:	Not reported

KI-LITE PIT & MILL (Continued) **1025599541**

Tertiary Commodities:	Not reported
Operation Type:	Surface
Deposit Type:	Not reported
Production Size:	Not reported
Development Status:	Producer
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported
Concentration Processes:	Not reported
Previous Names:	Not reported
Ore Controls:	Not reported
Reporter:	Western Field Operations Center (WFOC)
Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported
Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported
Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported
Ended Before/After LPY:	Not reported
Year Discovered:	Not reported
Found Before/After YD:	Not reported
Production History:	Not reported
Discovery Information:	Not reported
Latitude:	37.59741
Longitude:	-121.91933

---

17 **MISSION CLAY PRODUCTS CORP** **LUST** **U001596855**
WNW **2225 OLD CANYON RD** **CPS-SLIC** **N/A**
< 1/8 **FREMONT, CA 94536** **HIST UST**
0.029 mi. **Cortese**
153 ft. **EMI**
NPDES
Actual: **CIWQS**
97 ft. **CERS**

Focus Map:
7

LUST:

Name:	MISSION CLAY PRODUCTS CORPORATION - UST
Address:	2225 OLD CANYON ROAD
City,State,Zip:	FREMONT, CA 94536
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=T0600165351
Global Id:	T0600165351
Latitude:	37.591334
Longitude:	-121.954407
Status:	Open - Verification Monitoring
Status Date:	08/01/2021
Case Worker:	KEB
RB Case Number:	01-2559
Local Agency:	ALAMEDA COUNTY WATER DISTRICT

MISSION CLAY PRODUCTS CORP (Continued) **U001596855**

File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Heating Oil / Fuel Oil, Other Solvent or Non-Petroleum Hydrocarbon
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	09/15/1998
Leak Reported Date:	09/15/1998
How Discovered:	Tank Closure
How Discovered Description:	CONTAMINATION FOUND FROM TESTING FROM A TANK CLOSURE
Discharge Source:	Tank
Discharge Cause:	Unknown
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	South Bay - Alameda Creek (204.30)
Dwr Groundwater Subbasin Name:	Not reported
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	The subject property (Site) is a former clay product operation on approximately 80 acres of rural land located at the end of Old Niles Canyon Road in Fremont. The central portion of the Site, comprised of nearly 6 acres, was the clay production area was dating back to 1907 (California Pressed Brick Company, CPD, began brick production to meet demand post 1906 earthquake). In 1927, the California Pottery Company purchased the Property and continued operations, more or less continuously, until 1960. At some time in its ownership, California Pottery installed a 1,000‐gallon underground storage tank (UST) for gasoline at the oil house. The property was bought by Mission Clay Products (MCP) in 1960 and focused on production of clay sewer pipe. UNDERGROUND STORAGE TANKS (USTs) At an undetermined point, MCP installed a 10,000‐gallon UST for diesel near the oil house (Figure 2). With the introduction of alternative sewer pipe materials and the phasing out of clay sewer pipe, the plant gradually lost market share until it was closed in May 1992. REMOVAL ACTIVITIES The fuel oil vaults, USTs and oil house were all removed prior to 2000. The two USTs were removed from the Site in the late 1980s. The 1,000‐gallon gasoline UST was removed in 1987, and the 10,000‐gallon diesel UST was removed in 1989. Haley & Aldrich acknowledge the assistance of Herb Cartwright, former MCP employee, in ascertaining the former location of the 10,000‐gallon UST; this location had not been documented prior to the Updated Data Gap Investigation Report (Haley & Aldrich 2015a). Both USTs were removed under the supervision of the Fremont Fire Department (FFD). The fuel oil vaults were removed by E.&L.C. Company in November 2000 (AEI Consultants 2001). At the time of removal, approximately 15,593 tons of soil impacted by petroleum hydrocarbons were excavated and removed (AEI Consultants 2001).

LUST:

Global Id:	T0600165351
Contact Type:	Local Agency Caseworker

MISSION CLAY PRODUCTS CORP (Continued) **U001596855**

Contact Name: EILEEN CHEN
Organization Name: ALAMEDA COUNTY WATER DISTRICT
Address: 43885 SOUTH GRIMMER BLVD.
City: FREMONT
Email: eileen.chen@acwd.com
Phone Number: Not reported

Global Id: T0600165351
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: KEVIN BROWN
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: kevin.brown@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0600165351
Action Type: REMEDIATION
Date: 12/28/2000
Action: Excavation

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 06/25/2014
Action: File review

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 05/23/2018
Action: Technical Correspondence / Assistance / Other

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 11/07/2017
Action: Technical Correspondence / Assistance / Other

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 02/02/2018
Action: Meeting

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 05/22/2018
Action: Technical Correspondence / Assistance / Other

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 08/11/2017
Action: Technical Correspondence / Assistance / Other

Global Id: T0600165351
Action Type: RESPONSE
Date: 03/13/2017
Action: Other Report / Document

MISSION CLAY PRODUCTS CORP (Continued) **U001596855**

Global Id: T0600165351
Action Type: RESPONSE
Date: 07/02/2018
Action: Correspondence

Global Id: T0600165351
Action Type: RESPONSE
Date: 08/09/2018
Action: Email Correspondence

Global Id: T0600165351
Action Type: RESPONSE
Date: 05/29/2018
Action: Removal Action Work Plan - Regulator Responded

Global Id: T0600165351
Action Type: RESPONSE
Date: 08/15/2016
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 01/29/2015
Action: Meeting

Global Id: T0600165351
Action Type: RESPONSE
Date: 08/10/2015
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0600165351
Action Type: RESPONSE
Date: 08/01/2017
Action: Removal Action Work Plan - Regulator Responded

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 05/05/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 05/03/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 03/06/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 03/29/2017
Action: Site Visit / Inspection / Sampling

Global Id: T0600165351
Action Type: RESPONSE

MISSION CLAY PRODUCTS CORP (Continued) **U001596855**

Date: 03/13/2017
Action: Other Report / Document

Global Id: T0600165351
Action Type: RESPONSE
Date: 06/19/2013
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0600165351
Action Type: RESPONSE
Date: 12/16/2013
Action: Other Workplan - Regulator Responded

Global Id: T0600165351
Action Type: RESPONSE
Date: 03/19/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600165351
Action Type: RESPONSE
Date: 05/13/2014
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T0600165351
Action Type: RESPONSE
Date: 03/25/2014
Action: Removal Action Work Plan - Regulator Responded

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 12/05/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0600165351
Action Type: RESPONSE
Date: 08/01/2018
Action: Response to Comments

Global Id: T0600165351
Action Type: RESPONSE
Date: 01/16/2018
Action: Correspondence

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 12/08/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 09/05/2013
Action: Technical Correspondence / Assistance / Other

MISSION CLAY PRODUCTS CORP (Continued) **U001596855**

Global Id: T0600165351
Action Type: ENFORCEMENT
Date: 02/25/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0600165351
Action Type: Other
Date: 09/15/1998
Action: Leak Discovery

Global Id: T0600165351
Action Type: Other
Date: 09/15/1998
Action: Leak Reported

LUST:
Global Id: T0600165351
Status: Open - Case Begin Date
Status Date: 09/15/1998

Global Id: T0600165351
Status: Open - Verification Monitoring
Status Date: 05/31/2002

Global Id: T0600165351
Status: Open - Site Assessment
Status Date: 04/01/2009

Global Id: T0600165351
Status: Open - Verification Monitoring
Status Date: 08/01/2021

CPS-SLIC:
Name: MISSION CLAY PRODUCTS - RELEASE TO ALAMEDA CREEK
Address: 2225 OLD CANYON ROAD
City,State,Zip: FREMONT, CA 94536
Region: STATE
Facility Status: **Open - Assessment & Interim Remedial Action**
Status Date: 01/24/2019
Global Id: T10000012663
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.591939990481
Longitude: -121.956038051243
Case Type: Cleanup Program Site
Case Worker: KEB
Local Agency: Not reported
RB Case Number: 01S0795
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Not reported
Potential Contaminants of Concern: Total Petroleum Hydrocarbons (TPH), Waste Oil / Motor / Hydraulic / Lubricating
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: NO

MISSION CLAY PRODUCTS CORP (Continued) **U001596855**

Quantity Released Gallons:	Not reported
Begin Date:	07/18/2018
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	South Bay - Alameda Creek (204.30)
Dwr Groundwater Subbasin Name:	Not reported
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

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

HIST UST:

Name:	MISSION CLAY PRODUCTS CORP
Address:	2225 OLD CANYON RD
City,State,Zip:	FREMONT, CA 94536
File Number:	00036141
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/00036141.pdf
Region:	STATE
Facility ID:	00000006018
Facility Type:	Other
Other Type:	MFGR. CLAY SEWER PIP
Contact Name:	ALLEN E. GAINER SR.
Telephone:	4157973525
Owner Name:	MISSION CLAY PRODUCTS CORPORAT
Owner Address:	6533 SO. MAGNOLIA ST/BOX 391
Owner City,St,Zip:	WHITTIER, CA 90608
Total Tanks:	0002

Tank Num:	001
Container Num:	101
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	102
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

MISSION CLAY PRODUCTS CORP (Continued) **U001596855**

Click here for Geo Tracker PDF:

CORTESE:

Name:	MISSION CLAY PRODUCTS CORPORATION - UST
Address:	2225 OLD CANYON ROAD
City,State,Zip:	FREMONT, CA 94536
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600165351
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - VERIFICATION MONITORING
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

EMI:

Name:	MISSION CLAY PRODUCTS CORPORAT
Address:	2225 OLD CANYON RD
City,State,Zip:	FREMONT, CA 94536
Year:	1987
County Code:	1
Air Basin:	SF
Facility ID:	793
Air District Name:	BA
SIC Code:	3259
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:	1
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MISSION CLAY PRODUCTS CORPORAT
Address:	2225 OLD CANYON RD
City,State,Zip:	FREMONT, CA 94536
Year:	1990
County Code:	1
Air Basin:	SF
Facility ID:	793

MISSION CLAY PRODUCTS CORP (Continued) **U001596855**

Air District Name:	BA
SIC Code:	3259
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:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

NPDES:

Name:	MISSION CLAY PRODUCTS QUARRY SOIL REMEDIATION
Address:	2225 OLD CANYON ROAD
City,State,Zip:	FREMONT, CA 94536
Facility Status:	Active
NPDES Number:	CAS000002
Region:	2
Agency Number:	0
Regulatory Measure ID:	499722
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	2 01C384005
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/18/2018
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	PO Box 2406
Discharge Name:	BBG KRG Inc
Discharge City:	Corona
Discharge State:	California
Discharge Zip:	92877
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	MISSION CLAY PRODUCTS QUARRY SOIL REMEDIATION
Address:	2225 OLD CANYON ROAD
City,State,Zip:	FREMONT, CA 94536
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 01C384005
Regulatory Measure Type:	Construction
Program Type:	Not reported

MISSION CLAY PRODUCTS CORP (Continued) **U001596855**

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	07/18/2018
Operator Name:	BBG KRG Inc
Operator Address:	PO Box 2406
Operator City:	Corona
Operator State:	California
Operator Zip:	92877

CIWQS:

Name:	MISSION CLAY QUARRY DEMOLITION
Address:	2225 OLD CANYON RD
City,State,Zip:	FREMONT, CA 94536
Agency:	BBG KRG Inc
Agency Address:	PO Box 2406, Corona, CA 92877
Place/Project Type:	Construction - Industrial
SIC/NAICS:	Not reported
Region:	2
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	2 01C367803
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	09/25/2013
Termination Date:	05/20/2014
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:	37.58839
Longitude:	-121.95789

Name:	MISSION CLAY PRODUCTS QUARRY SOIL REMEDIATION
Address:	2225 OLD CANYON ROAD
City,State,Zip:	FREMONT, CA 94536
Agency:	BBG KRG Inc
Agency Address:	PO Box 2406, Corona, CA 92877
Place/Project Type:	Construction - Other: Soil Remediation
SIC/NAICS:	Not reported
Region:	2
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ

MISSION CLAY PRODUCTS CORP (Continued) **U001596855**

WDID:	2 01C384005
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	07/18/2018
Termination Date:	Not reported
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:	37.58826
Longitude:	-121.95773

CERS:

Name:	MISSION CLAY PRODUCTS CORPORATION - UST
Address:	2225 OLD CANYON ROAD
City,State,Zip:	FREMONT, CA 94536
Site ID:	249070
CERS ID:	T0600165351
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

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:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	EILEEN CHEN - ALAMEDA COUNTY WATER DISTRICT
Entity Title:	Not reported
Affiliation Address:	43885 SOUTH GRIMMER BLVD.
Affiliation City:	FREMONT
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Name:	MISSION CLAY PRODUCTS QUARRY SOIL REMEDIATION
Address:	2225 OLD CANYON ROAD
City,State,Zip:	FREMONT, CA 94536
Site ID:	537088
CERS ID:	865607
CERS Description:	Construction Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	BBG KRG Inc
Entity Title:	Operator
Affiliation Address:	PO Box 2406
Affiliation City:	Corona

MISSION CLAY PRODUCTS CORP (Continued) **U001596855**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92877
Affiliation Phone: ,

Name: MISSION CLAY PRODUCTS - RELEASE TO ALAMEDA CREEK
Address: 2225 OLD CANYON ROAD
City,State,Zip: FREMONT, CA 94536
Site ID: 514036
CERS ID: T10000012663
CERS Description: Cleanup Program Site

Affiliation:
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: ,

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18 **SUNOL COMMUNICATION CENTE** **HIST CORTESE** **S101439382**
North **3700 PALOMARES** **N/A**
< 1/8 **SUNOL, CA**
0.031 mi.
165 ft.

Actual: **118 ft.**
Focus Map: **7**

HIST CORTESE:
edr_fname: SUNOL COMMUNICATION CENTE
edr_fadd1: 3700 PALOMARES
City,State,Zip: SUNOL, CA
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1439

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19 **SU ORO CO** **US MINES** **1011189381**
NE **N/A**
< 1/8 **MINERAL (County), NV**
0.040 mi.
209 ft.

Actual: **286 ft.**
Focus Map: **8**

US MINES:
Sic Code(s): 104100
Sic Code(s): 000000
Sic Code(s): 000000
Sic Code(s): 000000
Sic Code(s): 000000
Sic Code(s): 000000
Mine ID: 2601840
Entity Name: PANACEA MINE
Company: SU ORO CO
Status: Permanently Abandoned

SU ORO CO (Continued) **1011189381**

Status Date:	19830628
Operation Class:	2
Number of Shops:	0
Number of Plants:	0
Latitude Degree:	00
Longitude Degree:	000
Latitude Minute:	00
Latitude Seconds:	00
Longitude Minutes:	00
Longitude Seconds:	00
Number of Pits:	000

E20 **NILES CANYON MOBIL** **EDR Hist Auto** **1021859694**
SSE **711 OLD CANYON RD** **N/A**
< 1/8 **FREMONT, CA 94536**
0.051 mi.
270 ft. **Site 1 of 2 in cluster E**

Actual: EDR Hist Auto
82 ft.

Focus Map:
7

Year:	Name:	Type:
1991	NILES CANYON MOBIL	Gasoline Service Stations
1992	NILES CANYON MOBIL	Gasoline Service Stations
1993	NILES CANYON MOBIL	Gasoline Service Stations
1994	NILES CANYON MOBIL	Gasoline Service Stations
1995	NILES CANYON MOBIL	Gasoline Service Stations

E21 **LAURENE GALE** **RCRA NonGen / NLR** **1024766318**
SSE **711 OLD CANYON #69** **CAC002986187**
< 1/8 **FREMONT, CA 94536**
0.051 mi.
270 ft. **Site 2 of 2 in cluster E**

Actual: RCRA Listings:
82 ft.

Focus Map:
7

Date Form Received by Agency:	20181023
Handler Name:	Laurene Gale
Handler Address:	711 OLD CANYON #69
Handler City,State,Zip:	FREMONT, CA 94536
EPA ID:	CAC002986187
Contact Name:	LAURENE GALE
Contact Address:	711 OLD CANYON #69
Contact City,State,Zip:	FREMONT, CA 94536
Contact Telephone:	510-386-0036
Contact Fax:	Not reported
Contact Email:	JOHN@JWHARS.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:	711 OLD CANYON #69

LAURENE GALE (Continued) **1024766318**

Mailing City,State,Zip:	FREMONT, CA 94536
Owner Name:	Laurene Gale
Owner Type:	Other
Operator Name:	Laurene Gale
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
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: LAURENE GALE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	711 OLD CANYON #69
Owner/Operator City,State,Zip:	FREMONT, CA 94536
Owner/Operator Telephone:	510-386-0036
Owner/Operator Telephone Ext:	Not reported

LAURENE GALE (Continued) **1024766318**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: LAURENE GALE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 711 OLD CANYON #69
Owner/Operator City,State,Zip: FREMONT, CA 94536
Owner/Operator Telephone: 510-386-0036
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181023
Handler Name: LAURENE GALE
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 **MISSION CLAY PRODUCTS QUARRY** **MINES** **S117661583**
ESE **P.O. BOX 549** **N/A**
< 1/8 **, CA**
0.062 mi.
325 ft.

Actual:
142 ft.

Focus Map:
7

MINES:
Name: MISSION CLAY PRODUCTS QUARRY
Address: P.O. BOX 549
City,State,Zip: CA
Latitude: 37.591111
Longitude: -121.954722
Lead Agency identification code: 1.05
Lead Agency name: City of Fremont
Year of the operator supplied annual report: 2021
Type of report submitted by operator: 2

MISSION CLAY PRODUCTS QUARRY (Continued) **S117661583**

Number of acres disturbed by the mine:	0
Status of mining operation:	CLOSED NO INTENT TO RESUME
Status of mine reclamation:	RECLAMATION IN PROGRESS
Mine operator:	MISSION CLAY PRODUCTS
Operator Address:	P.O. BOX 549
Operator City, State, Zip:	CORONA, CA 92879-0549
Operator County:	Not reported
Mine owner:	MISSION CLAY PRODUCTS
Owner Address:	P.O. BOX 549
Owner City, State, Zip:	CORONA, CA 92879-0549
Owner County:	Not reported
Reclamation plan identification number:	SS91-6
Primary product produced by the mine:	Clay
Other products produced by the mine:	Not reported
Conditional use permit identification number:	SS91-6
Number of acres permitted for mining disturbance:	85
Total amount of funds posted by the mine for reclamation:	406974.08
Financial Assurance Cost Estimate for reclamation:	40489.42
X Coordinates:	-13575937.553
Y Coordinates:	4521823.4578

---

23 **LOUTHAN PROPERTY** **LUST** **S101306790**
ESE **11930 MAIN ST** **Cortese** **N/A**
< 1/8 **SUNOL, CA 94586** **HIST CORTESE**
0.062 mi. **CERS**
326 ft.

Actual:
267 ft.

Focus Map:
9

LUST REG 2:

Region:	2
Facility Id:	01-0925
Facility Status:	Case Closed
Case Number:	01-0925
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

LUST:

Name:	LOUTHAN PROPERTY
Address:	11930 MAIN ST
City,State,Zip:	SUNOL, CA 94586
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=T0600100850
Global Id:	T0600100850
Latitude:	37.593851
Longitude:	-121.887807
Status:	Completed - Case Closed
Status Date:	08/22/1996
Case Worker:	UUU

LOUTHAN PROPERTY (Continued) **S101306790**

RB Case Number:	01-0925
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	01-0925
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	02/25/1988
Leak Reported Date:	02/25/1988
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Physc / Mech Damage
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	08/22/1996
CA Water Watershed Name:	South Bay - Alameda Creek (204.30)
Dwr Groundwater Subbasin Name:	Sunol Valley (2-011)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	11-15%
CA Enviroscreen 4 Score:	5-10%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600100850
Contact Type:	Regional Board Caseworker - Primary Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600100850
Action Type:	Other
Date:	02/25/1988
Action:	Leak Discovery

Global Id:	T0600100850
Action Type:	Other
Date:	02/25/1988
Action:	Leak Stopped

Global Id:	T0600100850
Action Type:	Other
Date:	02/25/1988
Action:	Leak Reported

LUST:

Global Id:	T0600100850

LOUTHAN PROPERTY (Continued) **S101306790**

Status: Open - Case Begin Date
Status Date: 02/25/1988

Global Id: T0600100850
Status: Completed - Case Closed
Status Date: 08/22/1996

CORTESE:
Name: LOUTHAN PROPERTY
Address: 11930 MAIN ST
City,State,Zip: SUNOL, CA 94586
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600100850
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: LOUTHAN PROPERTY
edr_fadd1: 11930 MAIN
City,State,Zip: SUNOL, CA
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0925

CERS:
Name: LOUTHAN PROPERTY
Address: 11930 MAIN ST
City,State,Zip: SUNOL, CA 94586
Site ID: 202798
CERS ID: T0600100850
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400

LOUTHAN PROPERTY (Continued) **S101306790**

Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

---

24 **SUNOL RADIOGRAPHIC INSPECTION** **RCRA NonGen / NLR** **1000985079**
North **11973 FOOTHILL RD** **FINDS** **CAR000001891**
< 1/8 **SUNOL, CA 94586** **ECHO**
0.066 mi. **HAZNET**
348 ft. **HWTS**

Actual:
294 ft.

Focus Map:
9

RCRA Listings:

Date Form Received by Agency:	19970714
Handler Name:	Sunol Radiographic Inspection
Handler Address:	11973 FOOTHILL RD
Handler City,State,Zip:	SUNOL, CA 94586-0208
EPA ID:	CAR000001891
Contact Name:	JOE KNOBLAUCH
Contact Address:	11973 FOOTHILL RD
Contact City,State,Zip:	SUNOL, CA 94586-0208
Contact Telephone:	510-553-1325
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
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:	1972 DAVIS ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577-1209
Owner Name:	Bud Hall
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported

SUNOL RADIOGRAPHIC INSPECTION (Continued) **1000985079**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
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:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: BUD HALL	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11973 FOOTHILL RD
Owner/Operator City,State,Zip:	SUNOL, CA 94586-0208
Owner/Operator Telephone:	510-724-1152
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19970714
Handler Name: SUNOL RADIOGRAPHIC INSPECTION	
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 Codes:	No NAICS Codes Found

SUNOL RADIOGRAPHIC INSPECTION (Continued) **1000985079**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002905410

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000985079
Registry ID:	110002905410
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002905410
Name:	SUNOL RADIOGRAPHIC INSPECTION
Address:	11973 FOOTHILL RD
City,State,Zip:	SUNOL, CA 94586

HAZNET:

Name:	SUNOL RADIOGRAPHIC INSPECTION
Address:	11973 FOOTHILL RD
Address 2:	Not reported
City,State,Zip:	SUNOL, CA 945860000
Contact:	BUD HALL
Telephone:	5107241152
Mailing Name:	Not reported
Mailing Address:	1972 DAVIS ST
Year:	1997
Gepaid:	CAR000001891
TSD EPA ID:	CA0000084517
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	H01 - Transfer Station
Tons:	0.2502
Year:	1996
Gepaid:	CAR000001891
TSD EPA ID:	CA0000084517
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	H01 - Transfer Station
Tons:	0.3753
Year:	1995

SUNOL RADIOGRAPHIC INSPECTION (Continued) **1000985079**

Gepaid:	CAR000001891
TSD EPA ID:	CAD070148432
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	R01 - Recycler
Tons:	0.6255

Additional Info:

Year:	1997
Gen EPA ID:	CAR000001891
Shipment Date:	19970117
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970124
Manifest ID:	96659092
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
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:	19970117
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970124
Manifest ID:	96659092
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
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

SUNOL RADIOGRAPHIC INSPECTION (Continued) **1000985079**

Additional Code 5: Not reported

Additional Info:
Year: 1996
Gen EPA ID: CAR000001891

Shipment Date: 19960605
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19960610
Manifest ID: 96133277
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: ILD984908202
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: H01 - Transfer Station
Quantity Tons: 0.3753
Waste Quantity: 90
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: 1995
Gen EPA ID: CAR000001891

Shipment Date: 19951110
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951114
Manifest ID: 95633205
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: ILD984908202
Trans 2 Name: Not reported
TSDF EPA ID: CAD070148432
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: R01 - Recycler
Quantity Tons: 0.2502
Waste Quantity: 60
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

SUNOL RADIOGRAPHIC INSPECTION (Continued) **1000985079**

Additional Code 5:	Not reported
Shipment Date:	19950817
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950821
Manifest ID:	95633346
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD070148432
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
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:	19950530
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950606
Manifest ID:	95513824
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD070148432
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
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

HWTS:

Name:	SUNOL RADIOGRAPHIC INSPECTION
Address:	11973 FOOTHILL RD
Address 2:	Not reported
City,State,Zip:	SUNOL, CA 94586
EPA ID:	CAR000001891
Inactive Date:	06/30/1997

SUNOL RADIOGRAPHIC INSPECTION (Continued) **1000985079**

Create Date:	12/08/1995
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	1972 DAVIS ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN LEANDRO, CA 945770000
Owner Name:	BUD HALL/JOSEPH KNOBLAUCH
Owner Address:	11973 FOOTHILL RD
Owner Address 2:	Not reported
Owner City,State,Zip:	SUNOL, CA 945860000
Contact Name:	BUD HALL
Contact Address:	11973 FOOTHILL RD/OUT OF BUSINESS
Contact Address 2:	Not reported
City,State,Zip:	SUNOL, CA 945860000
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	37.59413
Longitude:	-121.890939

25
SE
< 1/8
0.077 mi.
404 ft.

MODERN ALLOYS INC **HIST UST** **1000216512**
2415 OLD CANYON RD **N/A**
SAN RAMON, CA 94583

Actual:
152 ft.

Focus Map:
7

HIST UST:

Name:	MODERN ALLOYS INC
Address:	2415 OLD CANYON RD
City,State,Zip:	SAN RAMON, CA 94583
File Number:	00022cf3
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/00022cf3.pdf
Region:	STATE
Facility ID:	00000001525
Facility Type:	Other
Other Type:	CONSTRUCTION
Contact Name:	M. BUMGARNER
Telephone:	4158370294
Owner Name:	MODERN ALLOYS, INC.
Owner Address:	2415 OLD CROW CANYON RD
Owner City,St,Zip:	SAN RAMON, CA 94583
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1970
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1980
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR

MODERN ALLOYS INC (Continued) **1000216512**

Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

26
SE
< 1/8
0.088 mi.
466 ft.

DRT GRADING & PAVING INC **RCRA NonGen / NLR** **1025867699**
11896 MAIN ST **CAL000329164**
SUNOL, CA 94586

Actual:
261 ft.

Focus Map:
9

RCRA Listings:

Date Form Received by Agency:	20191008
Handler Name:	Drt Grading & Paving Inc
Handler Address:	11896 MAIN ST
Handler City,State,Zip:	SUNOL, CA 94586
EPA ID:	CAL000329164
Contact Name:	STEVEN STAUFFER
Contact Address:	PO BOX 429
Contact City,State,Zip:	SUNOL, CA 94586-0429
Contact Telephone:	925-580-1015
Contact Fax:	925-862-9930
Contact Email:	TERRY@DRTGRADING-PAVING.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
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:	PO BOX 429
Mailing City,State,Zip:	SUNOL, CA 94586-0429
Owner Name:	Drt Grading & Paving Inc
Owner Type:	Other
Operator Name:	David Lovett & Russ J Scheibley
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

DRT GRADING & PAVING INC (Continued) **1025867699**

202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191017
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:	DRT GRADING & PAVING INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 429
Owner/Operator City,State,Zip:	SUNOL, CA 94586-0429
Owner/Operator Telephone:	925-862-9900
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID LOVETT & RUSS J SCHEIBLEY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 429
Owner/Operator City,State,Zip:	SUNOL, CA 94586-0429
Owner/Operator Telephone:	925-862-9900
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20191008
Handler Name:	DRT GRADING & PAVING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

DRT GRADING & PAVING INC (Continued) **1025867699**

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: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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27 **NILES QUARRY** **MINES MRDS** **1025756085**
WNW **N/A**
< 1/8 **ALAMEDA (County), CA**
0.118 mi.
621 ft.

Actual:
269 ft.

Focus Map:
7

MINES MRDS:

Name:	NILES QUARRY
Address:	Not reported
Deposit identification Number:	10284076
City,State,Zip:	CALIFORNIA
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10284076
MRDS Identification Number:	Not reported
MAS/MILS Identification Number:	0060010077
Region:	NA
Country:	United States
Primary Commodities:	Stone, Crushed/Broken
Secondary Commodities:	Not reported
Tertiary Commodities:	Not reported
Operation Type:	Surface
Deposit Type:	Not reported
Production Size:	Not reported
Development Status:	Producer
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported
Concentration Processes:	Not reported
Previous Names:	Not reported
Ore Controls:	Not reported
Reporter:	Lowe, Nathan T.
Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported
Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported

NILES QUARRY (Continued) **1025756085**

Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported
Ended Before/After LPY:	Not reported
Year Discovered:	Not reported
Found Before/After YD:	Not reported
Production History:	Not reported
Discovery Information:	Not reported
Latitude:	37.59181
Longitude:	-121.95794

F28 **WHITE DALE & ALICE** **EDR Hist Auto** **1021698834**
ESE **11842 MAIN ST** **N/A**
< 1/8 **SUNOL, CA 94586**
0.124 mi.
657 ft. **Site 1 of 4 in cluster F**

Actual: EDR Hist Auto
261 ft.

Focus Map:
10

Year:	Name:	Type:
1971	WHITE DALE & ALICE	Gasoline Service Stations
1972	WHITE DALE & ALICE	Gasoline Service Stations
1973	WHITE DALE & ALICE	Gasoline Service Stations
1974	WHITE DALE & ALICE	Gasoline Service Stations
1976	WHITE DALE & ALICE	Gasoline Service Stations
1977	WHITE DALE & ALICE	Gasoline Service Stations
1978	WHITE DALE & ALICE	Gasoline Service Stations
1979	WHITE DALE & ALICE	Gasoline Service Stations
1980	WHITE DALE & ALICE	Gasoline Service Stations
1982	WHITE DALE & ALICE	Gasoline Service Stations
1983	WHITE DALE & ALICE	Gasoline Service Stations

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29 **KIT-LITE MINE AND MILL** **MINES MRDS** **1025689265**
NNE **N/A**
1/8-1/4 **ALAMEDA (County), CA**
0.130 mi.
689 ft.

Actual: MINES MRDS:
344 ft.

Focus Map:
3

Name:	KIT-LITE MINE AND MILL
Address:	Not reported
Deposit identification Number:	10211611
City,State,Zip:	CALIFORNIA
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10211611
MRDS Identification Number:	Not reported
MAS/MILS Identification Number:	0060010115
Region:	NA
Country:	United States
Primary Commodities:	Clay
Secondary Commodities:	Not reported
Tertiary Commodities:	Not reported
Operation Type:	Surface
Deposit Type:	Not reported
Production Size:	Not reported

KIT-LITE MINE AND MILL (Continued) **1025689265**

Development Status:	Past Producer
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported
Concentration Processes:	Not reported
Previous Names:	Not reported
Ore Controls:	Not reported
Reporter:	Western Field Operations Center (WFOC)
Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported
Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported
Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported
Ended Before/After LPY:	Not reported
Year Discovered:	Not reported
Found Before/After YD:	Not reported
Production History:	Not reported
Discovery Information:	Not reported
Latitude:	37.60101
Longitude:	-121.92273

---

30 **LISA & STEVE KETCHUM** **RCRA NonGen / NLR** **1025839666**
SE **1258 FILTON COURT** **CAC003019266**
1/8-1/4 **FREMONT, CA 94536**
0.133 mi.
702 ft.

Actual:
237 ft.

Focus Map:
7

RCRA Listings:

Date Form Received by Agency:	20190611
Handler Name:	Lisa & Steve Ketchum
Handler Address:	1258 FILTON COURT
Handler City,State,Zip:	FREMONT, CA 94536
EPA ID:	CAC003019266
Contact Name:	LISA & STEVE KETCHUM
Contact Address:	1258 FILTON COURT
Contact City,State,Zip:	FREMONT, CA 94536
Contact Telephone:	510-396-4777
Contact Fax:	Not reported
Contact Email:	CHERILYNIBARRA@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

LISA & STEVE KETCHUM (Continued) **1025839666**

Mailing Address:	1258 FILTON COURT
Mailing City,State,Zip:	FREMONT, CA 94536
Owner Name:	Lisa & Steve Ketchum
Owner Type:	Other
Operator Name:	Lisa & Steve Ketchum
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	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: LISA & STEVE KETCHUM	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1258 FILTON COURT
Owner/Operator City,State,Zip:	FREMONT, CA 94536
Owner/Operator Telephone:	510-396-1129

LISA & STEVE KETCHUM (Continued) **1025839666**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LISA & STEVE KETCHUM
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1258 FILTON COURT
Owner/Operator City,State,Zip: FREMONT, CA 94536
Owner/Operator Telephone: 510-396-4777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190611
Handler Name: LISA & STEVE KETCHUM
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

F31 **AT&T CALIFORNINA - PE030** **HAZMAT** **S121784007**
East **11823 MAIN ST** **CERS** **N/A**
1/8-1/4 **SUNOL, CA 94586**
0.136 mi.
718 ft. **Site 2 of 4 in cluster F**

Actual:
261 ft.

Focus Map:
10

LOS ANGELES HM:
Name: AT&T CALIFORNINA - PE030
Address: 11823 MAIN ST
City,State,Zip: SUNOL, CA 94586
Facility ID: FA0040416
Last Run Date: 11/01/2022
Status: INACTIVE

AT&T CALIFORNINA - PE030 (Continued) **S121784007**

CERS:
Name: AT&T CALIFORNINA - PE030
Address: 11823 MAIN ST
City,State,Zip: SUNOL, CA 94586
Site ID: 432581
CERS ID: 10189397
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-09-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Alameda County Dept. of Environmental Health (ACDEH) inspector arrived on-site at AT&T CALIFORNIA - PE030 located at 11823 Main St. Sunol, CA 94586 to conduct a routine inspection of the Hazardous Materials Business Plan (HMBP) program and to confirm compliance in applicable Health and Safety Code, Div. 20 Chp. 6.95. ACDEH met with Mr. Gary Chimienti the facility's environmental health manager who granted consent and assisted ACDEH with this inspection. Facility/Site Description: - AT&T operates as a telecommunication company and this location is one of the company's cell towers. - The facility has a valid ACDEH operating permit. The permit is valid from 09/02/2018 - 09/01/2019. - Training records for three years were available for review during this inspection. - This location is owned by AT&T. - This cell tower stores lead-acid batteries and 293-gallon of Diesel fuel. The diesel fuel is used for the backup generator. - O... [TRUNCATED: Refer to full Inspection Report]
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-11-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Routine triennial hazardous materials business plan (HMBP) inspection. Met with manager Valerie Ingraham. Consent to inspect facility given by manager. Facility is an AT&T telecoms site. Materials are for backup power. Materials on site are: batteries, diesel. Next complete annual HMBP re-certification is due to CERS on or before 02/14/23. A complete CERS HMBP certification consists of Facility, Inventory, and Plans. Signatures not collected due to COVID protocols.
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

AT&T CALIFORNINA - PE030 (Continued) **S121784007**

Eval Date: 12-16-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Routine Hazardous Materials Business Plan (HMBP) inspection for AT&T California located at 11823 Main St. Sunol. Permission to perform the inspection was granted by Gary Chimienti, Environmental Site Manager. The business activities page has the Hazardous Waste Generator box checked, however no waste is recorded as generated in the last three years and there is no on-going waste generation at the site. EPA ID number CAT080020373 is inactive. CORRECTIVE ACTION: Determine if the site is an active hazardous waste generator. If it is not, correct the business activities page. If it is active, reactivate the EPA ID number and ensure all hazardous waste is properly handled. Complete and send a notice of your determination to the ACDEH inspector by 1/14/2017.
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Alameda County Env Health
Entity Title: Not reported
Affiliation Address: 1131 Harbor Parkway, Suite 240
Affiliation City: Alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94502-6577
Affiliation Phone: (510) 567-6700,

Affiliation Type Desc: Legal Owner
Entity Name: Pacific Bell Telephone Company dba AT&T California
Entity Title: Not reported
Affiliation Address: 308 S. Akard St., 17th Floor
Affiliation City: Dallas
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75202
Affiliation Phone: (214) 464-1712,

Affiliation Type Desc: Parent Corporation
Entity Name: Pacific Bell Telephone Company dba AT&T California
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 308 S. Akard St., 17th Floor
Affiliation City: Dallas
Affiliation State: TX
Affiliation Country: Not reported

AT&T CALIFORNINA - PE030 (Continued) **S121784007**

Affiliation Zip:	75202
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	AT&T California
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 566-9347,
Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Burnell, Sigma Consultants, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	AT&T EH&S Hotline - Option #1
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

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32 **LYNNETTE MCDONALD** **RCRA NonGen / NLR** **1026465346**
NNE **11911 FOOTHILL RD** **CAC003070582**
1/8-1/4 **SUNOL, CA 94586**
0.150 mi.
792 ft.

Actual:
331 ft.

Focus Map:
9

RCRA Listings:

Date Form Received by Agency:	20200612
Handler Name:	Lynnette Mcdonald
Handler Address:	11911 FOOTHILL RD
Handler City,State,Zip:	SUNOL, CA 94586
EPA ID:	CAC003070582
Contact Name:	LYNNETTE MCDONALD
Contact Address:	22785 S UNION RD

LYNNETTE MCDONALD (Continued) **1026465346**

Contact City,State,Zip:	MANTECA, CA 95337
Contact Telephone:	510-798-6407
Contact Fax:	Not reported
Contact Email:	LYNNETTE.F.MCDONALD@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:	22785 S UNION RD
Mailing City,State,Zip:	MANTECA, CA 95337
Owner Name:	Lynnette Mcdonald
Owner Type:	Other
Operator Name:	Lynnette Mcdonald
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200710
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

LYNNETTE MCDONALD (Continued) **1026465346**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: LYNNETTE MCDONALD
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11911 FOOTHILL RD
Owner/Operator City,State,Zip: SUNOL, CA 94586
Owner/Operator Telephone: 510-798-6407
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LYNNETTE MCDONALD
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 22785 S UNION RD
Owner/Operator City,State,Zip: MANTECA, CA 95337
Owner/Operator Telephone: 510-798-6407
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200612
Handler Name: LYNNETTE MCDONALD
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

33
SE
1/8-1/4
0.157 mi.
831 ft.

MISSION CLAY PRODUCTS - SCP
2225 NILES CANYON RD
FREMONT, CA

CPS-SLIC **S121476045**
N/A

Actual:
138 ft.

Focus Map:
7

CPS-SLIC:

Name:	MISSION CLAY PRODUCTS - SCP
Address:	2225 NILES CANYON RD
City,State,Zip:	FREMONT, CA
Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	03/06/2018
Global Id:	T10000011370
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.59113
Longitude:	-121.95454
Case Type:	Cleanup Program Site
Case Worker:	KEB
Local Agency:	Not reported
RB Case Number:	01S0795
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Aquifer used for drinking water supply, Soil, Surface water
Potential Contaminants of Concern:	Crude Oil, Total Petroleum Hydrocarbons (TPH)
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	03/06/2016
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Other, Spill, Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	South Bay - Alameda Creek (204.30)
Dwr Groundwater Subbasin Name:	Not reported
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	The Site is located in Fremont, California at the end of Old Canyon Road and occupies approximately 80 acres of a northwest facing slope of Niles Canyon. The central portion of the Site, comprised of approximately 6 acres, was formerly a clay product manufacturing facility and clay mine. Manufacturing began around 1907, when the California Pressed Brick Company (CPB) constructed a brick manufacturing plant and clay mine on]Site to take advantage of the high demand for brick following the 1906 earthquake. The plant and attendant facilities were concentrated on the relatively level plateau at the center of the Site, shown as the cleared area in the center of Figure 2. Although not detailed in the local histories, mining presumably began at the same time and was focused on the slope east of the plant. At about the same time, CPB constructed two fuel

MISSION CLAY PRODUCTS - SCP (Continued) **S121476045**

oil vaults north of the factory building. The lateral dimensions of the vaults were 22 feet (ft) by 10 ft and 22 ft by 20 ft; both vaults were 9 ft deep. CPB expanded through 1910, when it was producing 100,000 bricks a day. However, by 1917, CPB had collapsed and the property was purchased at public auction and then leased to the Terra Cotta Pipe Company until 1923, when it was sold to Terra Cotta. In 1927, the California Pottery Company purchased the Property and continued operations, more or less continuously, until 1960. At some time in its ownership, California Pottery installed a 1,000]gallon underground storage tank (UST) for gasoline at the oil house. The property was bought by Mission Clay Products (MCP) in 1960 and focused on production of clay sewer pipe. At an undetermined point, MCP installed a 10,000]gallon UST for diesel near the oil house. With the introduction of alternative sewer pipe materials and the phasing out of clay sewer pipe, the plant gradually lost market share until it was closed in May 1992. The fuel oil vaults, USTs and oil house were all removed prior to 2000. The two USTs were removed from the Site in the late 1980s. The 1,000]gallon gasoline UST was removed in 1987, and the 10,000]gallon diesel UST was removed in 1989. Haley & Aldrich acknowledge the assistance of Herb Cartwright, former MCP employee, in ascertaining the former location of the 10,000]gallon UST; this location had not been documented prior to the Updated Data Gap Investigation Report. Both USTs were removed under the supervision of the City of Fremont Fire Department. The fuel oil vaults were removed by E.&L.C. Company in November 2000. At the time of removal, approximately 15,593 tons of soil impacted by petroleum hydrocarbons were excavated and removed.

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

F34 **SAN FRANCISCO PUBLIC UTILITIES COMMISSION** **CERS HAZ WASTE** **S124454468**
ESE **11772 MAIN STREET** **EMI** **N/A**
1/8-1/4 **SUNOL, CA 94586** **CERS**
0.159 mi. **HWTS**
840 ft. **Site 3 of 4 in cluster F**

Actual:
256 ft.

Focus Map:
10

CERS HAZ WASTE:

Name:	SFPUC SUNOL FIRE PUMP STATION
Address:	11772 MAIN ST
City,State,Zip:	SUNOL, CA 94586
Site ID:	559100
CERS ID:	10809268
CERS Description:	Hazardous Waste Generator

EMI:

Name:	SAN FRANCISCO PUBLIC UTILITIES COMMISSION
Address:	11772 MAIN STREET
City,State,Zip:	SUNOL, CA 94586
Year:	2017
County Code:	1
Air Basin:	SF
Facility ID:	23530
Air District Name:	BA
SIC Code:	9229
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

SAN FRANCISCO PUBLIC UTILITIES COMMISSION (Continued) **S124454468**

Total Organic Hydrocarbon Gases Tons/Yr:	6.3053e-005
Reactive Organic Gases Tons/Yr:	5.53920605e-005
Carbon Monoxide Emissions Tons/Yr:	0.000380793
NOX - Oxides of Nitrogen Tons/Yr:	0.00135994
SOX - Oxides of Sulphur Tons/Yr:	2.11e-006
Particulate Matter Tons/Yr:	5.6994e-005
Part. Matter 10 Micrometers and Smllr Tons/Yr:	5.4715e-005

CERS:

Name:	SFPUC SUNOL FIRE PUMP STATION
Address:	11772 MAIN ST
City,State,Zip:	SUNOL, CA 94586
Site ID:	559100
CERS ID:	10809268
CERS Description:	Chemical Storage Facilities

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Justin Sibbring
Entity Title:	Chief Stationary Engineer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	San Francisco Public Utilities Commission
Entity Title:	Not reported
Affiliation Address:	1000 El Camino Real
Affiliation City:	Millbrae
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94030
Affiliation Phone:	(650) 872-5900,

Affiliation Type Desc:	Operator
Entity Name:	Justin Sibbring
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:	(415) 638-3492,

Affiliation Type Desc:	Parent Corporation
Entity Name:	SFPUC Water Supply and Treatment Division
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:	,

SAN FRANCISCO PUBLIC UTILITIES COMMISSION (Continued) **S124454468**

Affiliation Type Desc: Property Owner
Entity Name: San Francisco Public Utilities Commission
Entity Title: Not reported
Affiliation Address: 1000 El Camino Real
Affiliation City: Millbrae
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94030
Affiliation Phone: (650) 872-5900,

Affiliation Type Desc: CUPA District
Entity Name: Alameda County Env Health
Entity Title: Not reported
Affiliation Address: 1131 Harbor Parkway, Suite 240
Affiliation City: Alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94502-6577
Affiliation Phone: (510) 567-6700,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1000 El Camino Real
Affiliation City: Millbrae
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94030
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Jowin Jung
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Jowin Jung
Entity Title: Not reported
Affiliation Address: 1000 El Camino Real
Affiliation City: Millbrae
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94030
Affiliation Phone: ,

HWTS:
Name: SFPUC SUNOL FIRE PUMP STATION
Address: 11772 MAIN ST
Address 2: Not reported
City,State,Zip: SUNOL, CA 94586
EPA ID: CAR000300434

SAN FRANCISCO PUBLIC UTILITIES COMMISSION (Continued) **S124454468**

Inactive Date:	Not reported
Create Date:	10/17/2019
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	49 SOUTH VAN NESS AVE SUITE 600
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN FRANCISCO, CA 94103
Owner Name:	SFPUC THOMAS SHAFT FACILITY
Owner Address:	525 GOLDEN GATE AVE.
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN FRANCISCO, CA 941020000
Contact Name:	HUMBERTO QUINONEZ
Contact Address:	49 SOUTH VAN NESS AVE
Contact Address 2:	Not reported
City,State,Zip:	SAN FRANCISCO, CA 94103
Facility Status:	Active
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	37.59368302
Longitude:	-121.8861905

NAICS:

EPA ID:	CAR000300434
Create Date:	2019-10-17 11:47:05.787
NAICS Code:	22131
NAICS Description:	Water Supply and Irrigation Systems
Issued EPA ID Date:	2019-10-17 11:47:05.74000
Inactive Date:	Not reported
Facility Name:	SFPUC SUNOL FIRE PUMP STATION
Facility Address:	11772 MAIN ST
Facility Address 2:	Not reported
Facility City:	SUNOL
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94586

F35 **SFPUC SUNOL FIRE PUMP STATION** **RCRA-VSQG** **1025882963**
ESE **11772 MAIN STREET** **CAR000300434**
1/8-1/4 **SUNOL, CA 94586**
0.159 mi.
840 ft. **Site 4 of 4 in cluster F**

Actual:
256 ft.

Focus Map:
10

RCRA Listings:

Date Form Received by Agency:	20210212
Handler Name:	Sfpuc Sunol Fire Pump Station
Handler Address:	11772 MAIN STREET
Handler City,State,Zip:	SUNOL, CA 94586
EPA ID:	CAR000300434
Contact Name:	HUMBERTO QUINONEZ
Contact Address:	SOUTH VAN NESS AVENUE, SUITE 600
Contact City,State,Zip:	SAN FRANCISCO, CA 94103
Contact Telephone:	415-252-3977
Contact Fax:	Not reported
Contact Email:	HUMBERTO.QUINONEZ@SFDPH.ORG
Contact Title:	SR. ENVIRONMENTAL HEALTH INSPECTOR
EPA Region:	09
Land Type:	County

SFPUC SUNOL FIRE PUMP STATION (Continued) **1025882963**

Federal Waste Generator Description:	Conditionally Exempt 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:	SOUTH VAN NESS AVENUE, SUITE 600
Mailing City,State,Zip:	SAN FRANCISCO, CA 94103
Owner Name:	San Francisco Public Utilities Commission
Owner Type:	County
Operator Name:	Sfpuc Sunol Town Fire Pump Station
Operator Type:	County
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210219
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:
Waste Code: D001

SFPUC SUNOL FIRE PUMP STATION (Continued) **1025882963**

Waste Description: Ignitable Waste

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: SAN FRANCISCO PUBLIC UTILITIES COMMISSION
Legal Status: County
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1000 EL CAMINO REAL
Owner/Operator City,State,Zip: MILLBRAE, CA 94030
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: SAN FRANCISCO PUBLIC UTILITIES COMMISSION
Legal Status: County
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1000 EL CAMINO REAL
Owner/Operator City,State,Zip: MILLBRAE, CA 94030
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: SAN FRANCISCO PUBLIC UTILITIES COMMISSION
Legal Status: County
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1000 EL CAMINO REAL
Owner/Operator City,State,Zip: MILLBRAE, CA 94030
Owner/Operator Telephone: 650-872-5900
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SFPUC SUNOL TOWN FIRE PUMP STATION
Legal Status: County
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11772 MAIN STREET
Owner/Operator City,State,Zip: SUNOL, CA 94586
Owner/Operator Telephone: 415-252-3977
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20191015
Handler Name: SFPUC SUNOL FIRE PUMP STATION
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported

SFPUC SUNOL FIRE PUMP STATION (Continued) **1025882963**

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:	20210212
Handler Name:	SFPUC SUNOL FIRE PUMP STATION
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

List of NAICS Codes and Descriptions:

NAICS Code:	22131
NAICS Description:	WATER SUPPLY AND IRRIGATION SYSTEMS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

36
NNW
1/8-1/4
0.168 mi.
885 ft.

Actual:
265 ft.

Focus Map:
9

WILSON PROPERTY MANAGEMENT
141 KILKARE ROAD
SUNOL, CA 94586

RCRA NonGen / NLR **1027077511**
CAC003149350

RCRA Listings:

Date Form Received by Agency:	20211119
Handler Name:	Wilson Property Management
Handler Address:	141 KILKARE ROAD
Handler City,State,Zip:	SUNOL, CA 94586
EPA ID:	CAC003149350
Contact Name:	WILSON PROPERTY MANAGEMENT
Contact Address:	141 KILKARE ROAD
Contact City,State,Zip:	SUNOL, CA 94586
Contact Telephone:	925-482-1101
Contact Fax:	510-651-7702
Contact Email:	MICKIEL@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

WILSON PROPERTY MANAGEMENT (Continued) **1027077511**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	141 KILKARE ROAD
Mailing City,State,Zip:	SUNOL, CA 94586
Owner Name:	Wilson Property Management
Owner Type:	Other
Operator Name:	Wilson Property Management
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20211122
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:	WILSON PROPERTY MANAGEMENT
Legal Status:	Other

WILSON PROPERTY MANAGEMENT (Continued) **1027077511**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	141 KILKARE ROAD
Owner/Operator City,State,Zip:	SUNOL, CA 94586
Owner/Operator Telephone:	925-482-1101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WILSON PROPERTY MANAGEMENT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	141 KILKARE ROAD
Owner/Operator City,State,Zip:	SUNOL, CA 94586
Owner/Operator Telephone:	925-482-1101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20211119
Handler Name:	WILSON PROPERTY MANAGEMENT
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:	237130
NAICS Description:	POWER AND COMMUNICATION LINE AND RELATED STRUCTURES CONSTRUCTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G37 **SILVA BROS.** **MINES MRDS** **1025644411**
SSW **N/A**
1/8-1/4 **ALAMEDA (County), CA**
0.176 mi.
927 ft. **Site 1 of 2 in cluster G**

Actual:
73 ft.

Focus Map:
12

MINES MRDS:

Name:	SILVA BROS.
Address:	Not reported
Deposit identification Number:	10162934
City,State,Zip:	CALIFORNIA
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10162934
MRDS Identification Number:	W023430
MAS/MILS Identification Number:	0060010088
Region:	NA
Country:	United States
Primary Commodities:	Sand and Gravel, Construction
Secondary Commodities:	Not reported
Tertiary Commodities:	Not reported
Operation Type:	Surface
Deposit Type:	Not reported
Production Size:	Not reported
Development Status:	Producer
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported
Concentration Processes:	Not reported
Previous Names:	Not reported
Ore Controls:	Not reported
Reporter:	Western Field Operations Center (WFOC)
Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported
Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported
Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported
Ended Before/After LPY:	Not reported
Year Discovered:	Not reported
Found Before/After YD:	Not reported
Production History:	Not reported
Discovery Information:	Not reported
Latitude:	37.57661
Longitude:	-121.96794

G38 **SILVA BROS.** **MINES MRDS** **1025569284**
SSW **N/A**
1/8-1/4 **ALAMEDA (County), CA**
0.178 mi.
941 ft. **Site 2 of 2 in cluster G**

Actual:
73 ft.

Focus Map:
12

MINES MRDS:

Name:	SILVA BROS.
Address:	Not reported
Deposit identification Number:	10076434
City,State,Zip:	CALIFORNIA
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10076434
MRDS Identification Number:	W023430
MAS/MILS Identification Number:	Not reported
Region:	NA
Country:	United States
Primary Commodities:	Sand and Gravel, Construction
Secondary Commodities:	Not reported
Tertiary Commodities:	Not reported
Operation Type:	Unknown
Deposit Type:	Sedimentary
Production Size:	S - Small amount of material produced (we do not know what criteria are used to make this determination)
Development Status:	Past Producer
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported
Concentration Processes:	Not reported
Previous Names:	Not reported
Ore Controls:	Not reported
Reporter:	Unknown
Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported
Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported
Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported
Ended Before/After LPY:	Not reported
Year Discovered:	Not reported
Found Before/After YD:	Not reported
Production History:	Not reported
Discovery Information:	Not reported
Latitude:	37.57658
Longitude:	-121.96798

H39 **CHEVRON** **LUST** **S105030250**
ESE **11727 MAIN ST** **N/A**
1/8-1/4 **SUNOL, CA 94586**
0.199 mi.
1053 ft. **Site 1 of 3 in cluster H**

Actual: **254 ft.**

Focus Map: **10**

LUST REG 2:

Region:	2
Facility Id:	01-0317
Facility Status:	Case Closed
Case Number:	2468
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	11/13/1991
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

H40 **CHEVRON** **LUST** **S110060433**
ESE **11727 MAIN** **Alameda County CS** **N/A**
1/8-1/4 **SUNOL, CA 94586** **Cortese**
0.199 mi. **HIST CORTESE**
1053 ft. **Site 2 of 3 in cluster H** **CERS**

Actual: **254 ft.**

Focus Map: **10**

LUST:

Name:	CHEVRON
Address:	11727 MAIN
City,State,Zip:	SUNOL, CA 94586
Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100290
Global Id:	T0600100290
Latitude:	37.5937154
Longitude:	-121.885932
Status:	Completed - Case Closed
Status Date:	10/14/1999
Case Worker:	Not reported
RB Case Number:	01-0317
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000903
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	02/07/1990
Leak Reported Date:	03/06/1990
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported

CHEVRON (Continued) **S110060433**

No Further Action Date: 10/14/1999
CA Water Watershed Name: South Bay - Alameda Creek (204.30)
Dwr Groundwater Subbasin Name: Sunol Valley (2-011)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 11-15%
CA Enviroscreen 4 Score: 5-10%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:
Global Id: T0600100290
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600100290
Action Type: REMEDIATION
Date: 02/07/1990
Action: Excavation

Global Id: T0600100290
Action Type: Other
Date: 03/06/1990
Action: Leak Reported

LUST:
Global Id: T0600100290
Status: Open - Case Begin Date
Status Date: 02/07/1990

Global Id: T0600100290
Status: Completed - Case Closed
Status Date: 10/14/1999

Alameda County CS:
Name: CHEVRON
Address: 11727 MAIN ST
City,State,Zip: SUNOL, CA 94586
Status: Case Closed
Record Id: RO0000903
PE: 5602
Facility Status: Case Closed
Latitude: 37.593537616
Longitude: -121.88511984

CORTESE:
Name: CHEVRON
Address: 11727 MAIN

CHEVRON (Continued) **S110060433**

City,State,Zip:	SUNOL, CA 94586
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600100290
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:	CHEVRON
edr_fadd1:	11727 MAIN
City,State,Zip:	SUNOL, CA 94586
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0317

CERS:

Name:	CHEVRON
Address:	11727 MAIN
City,State,Zip:	SUNOL, CA 94586
Site ID:	235555
CERS ID:	T0600100290
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

H41 **SUNOL SERVICE** **SWEEPS UST** **U001598695**
ESE **11727 MAIN ST** **HIST UST** **N/A**
1/8-1/4 **SUNOL, CA 94586**
0.199 mi.
1053 ft. **Site 3 of 3 in cluster H**

Actual:
254 ft.

Focus Map:
10

SWEEPS UST:

Name:	SUNOL SERVICE
Address:	11727 MAIN ST
City:	SUNOL
Status:	Not reported
Comp Number:	6742
Number:	Not reported
Board Of Equalization:	44-000101
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-006742-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	4

Name:	SUNOL SERVICE
Address:	11727 MAIN ST
City:	SUNOL
Status:	Not reported
Comp Number:	6742
Number:	Not reported
Board Of Equalization:	44-000101
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-006742-000002
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	SUNOL SERVICE
Address:	11727 MAIN ST
City:	SUNOL
Status:	Not reported
Comp Number:	6742
Number:	Not reported
Board Of Equalization:	44-000101
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-006742-000003

SUNOL SERVICE (Continued) **U001598695**

Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Name: SUNOL SERVICE
Address: 11727 MAIN ST
City: SUNOL
Status: Not reported
Comp Number: 6742
Number: Not reported
Board Of Equalization: 44-000101
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-006742-000004
Tank Status: Not reported
Capacity: 250
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

HIST UST:
Name: SUNOL SERVICE
Address: 11727 MAIN ST
City,State,Zip: SUNOL, CA 94586
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000006742
Facility Type: Not reported
Other Type: GARAGE (AUTO REPAIR
Contact Name: STEPHEN CAROTHERS
Telephone: 4158622353
Owner Name: D.J. O'LAUGHLIN
Owner Address: 1220 DAILY DRIVE
Owner City,St,Zip: SAN LEANDRO, CA 94577
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: 1969
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 3
Year Installed: Not reported

SUNOL SERVICE (Continued) **U001598695**

Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	003
Container Num:	2
Year Installed:	1969
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000250
Tank Used for:	Not reported
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

---

42 **NILES CANYON ROAD PIT** **MINES MRDS** **1025644562**
NE **N/A**
1/8-1/4 **ALAMEDA (County), CA**
0.202 mi.
1065 ft.

Actual:
465 ft.

Focus Map:
9

MINES MRDS:

Name:	NILES CANYON ROAD PIT
Address:	Not reported
Deposit identification Number:	10163088
City,State,Zip:	CALIFORNIA
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10163088
MRDS Identification Number:	Not reported
MAS/MILS Identification Number:	0060010052
Region:	NA
Country:	United States
Primary Commodities:	Stone, Crushed/Broken
Secondary Commodities:	Not reported
Tertiary Commodities:	Not reported
Operation Type:	Surface
Deposit Type:	Not reported
Production Size:	Not reported
Development Status:	Producer
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported
Concentration Processes:	Not reported
Previous Names:	Niles Canyon Quarry
Ore Controls:	Not reported
Reporter:	Lowe, Nathan T.

NILES CANYON ROAD PIT (Continued) **1025644562**

Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported
Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported
Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported
Ended Before/After LPY:	Not reported
Year Discovered:	Not reported
Found Before/After YD:	Not reported
Production History:	Not reported
Discovery Information:	Not reported
Latitude:	37.59771
Longitude:	-121.91383

---

43 **KI-LITE MINE AND MILL** **MINES MRDS** **1025569303**
NNW **N/A**
1/8-1/4 **ALAMEDA (County), CA**
0.231 mi.
1221 ft.

Actual:
399 ft.

Focus Map:
3

MINES MRDS:

Name:	KI-LITE MINE AND MILL
Address:	Not reported
Deposit identification Number:	10076453
City,State,Zip:	CALIFORNIA
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10076453
MRDS Identification Number:	W023453
MAS/MILS Identification Number:	Not reported
Region:	NA
Country:	United States
Primary Commodities:	Clay
Secondary Commodities:	Not reported
Tertiary Commodities:	Not reported
Operation Type:	Unknown
Deposit Type:	Sedimentary
Production Size:	S - Small amount of material produced (we do not know what criteria are used to make this determination)
Development Status:	Past Producer
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported
Concentration Processes:	Not reported
Previous Names:	Not reported
Ore Controls:	Not reported
Reporter:	Unknown
Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported
Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported

KI-LITE MINE AND MILL (Continued) **1025569303**

Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported
Ended Before/After LPY:	Not reported
Year Discovered:	Not reported
Found Before/After YD:	Not reported
Production History:	Not reported
Discovery Information:	Not reported
Latitude:	37.60241
Longitude:	-121.92465

44
ESE
1/8-1/4
0.237 mi.
1253 ft.

SUNOL GLEN UNIFIED SCHOOL DISTRICT
11601 MAIN STREET
SUNOL, CA 94586

RCRA NonGen / NLR **1026720416**
CAC003109119

Actual:
247 ft.

Focus Map:
10

RCRA Listings:

Date Form Received by Agency:	20210309
Handler Name:	Sunol Glen Unified School District
Handler Address:	11601 MAIN STREET
Handler City,State,Zip:	SUNOL, CA 94586
EPA ID:	CAC003109119
Contact Name:	LOWELL HOXIE
Contact Address:	11601 MAIN STREET
Contact City,State,Zip:	SUNOL, CA 94586
Contact Telephone:	925-862-2026
Contact Fax:	Not reported
Contact Email:	LHOXIE@SUNOL.K12.CA.US
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:	11601 MAIN STREET
Mailing City,State,Zip:	SUNOL, CA 94586
Owner Name:	Sunol Glen Usd
Owner Type:	Other
Operator Name:	Lowell Hoxie
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

SUNOL GLEN UNIFIED SCHOOL DISTRICT (Continued) **1026720416**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210312
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: LOWELL HOXIE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11601 MAIN STREET
Owner/Operator City,State,Zip:	SUNOL, CA 94586
Owner/Operator Telephone:	925-862-2026
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SUNOL GLEN USD	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11601 MAIN STREET
Owner/Operator City,State,Zip:	SUNOL, CA 94586
Owner/Operator Telephone:	925-862-2026
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SUNOL GLEN UNIFIED SCHOOL DISTRICT (Continued) **1026720416**

Historic Generators:
Receive Date: 20210309
Handler Name: SUNOL GLEN UNIFIED SCHOOL 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: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 611110
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

45
SW
1/4-1/2
0.267 mi.
1408 ft.

Actual:
78 ft.

Focus Map:
11

SUPER 7 NO. 18908
38010 MISSION BLVD
FREMONT, CA 94536

LUST **S104162063**
Cortese **N/A**
HIST CORTESE
NPDES
CIWQS
CERS

LUST REG 2:
Region: 2
Facility Id: 01-1443
Facility Status: Case Closed
Case Number: 0109
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 10/15/1986
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 5/31/1987
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

LUST:
Name: SUPER 7 NO. 18908
Address: 38010 MISSION BLVD
City,State,Zip: FREMONT, CA 94536
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type: LUST Cleanup Site

SUPER 7 NO. 18908 (Continued) **S104162063**

Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101332
Global Id:	T0600101332
Latitude:	37.576621
Longitude:	-121.97076
Status:	Completed - Case Closed
Status Date:	12/26/1996
Case Worker:	UUU
RB Case Number:	01-1443
Local Agency:	ALAMEDA COUNTY WATER DISTRICT
File Location:	Not reported
Local Case Number:	0109
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	10/15/1986
Leak Reported Date:	07/30/1987
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Physc / Mech Damage
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	12/26/1996
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Niles Cone (2-009.01)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	31-35%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101332
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0600101332
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	SELIM ZEYREK
Organization Name:	ALAMEDA COUNTY WATER DISTRICT
Address:	43885 SOUTH GRIMMER BLVD
City:	FREMONT
Email:	selim.zeyrek@acwd.com
Phone Number:	Not reported

LUST:

Global Id:	T0600101332

SUPER 7 NO. 18908 (Continued) **S104162063**

Action Type:	Other
Date:	07/30/1987
Action:	Leak Discovery
Global Id:	T0600101332
Action Type:	Other
Date:	07/30/1987
Action:	Leak Stopped
Global Id:	T0600101332
Action Type:	Other
Date:	07/30/1987
Action:	Leak Reported

LUST:

Global Id:	T0600101332
Status:	Open - Case Begin Date
Status Date:	10/15/1986
Global Id:	T0600101332
Status:	Open - Site Assessment
Status Date:	10/15/1986
Global Id:	T0600101332
Status:	Open - Site Assessment
Status Date:	05/31/1987
Global Id:	T0600101332
Status:	Completed - Case Closed
Status Date:	12/26/1996

CORTESE:

Name:	SUPER 7 NO. 18908
Address:	38010 MISSION BLVD
City,State,Zip:	FREMONT, CA 94536
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600101332
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

SUPER 7 NO. 18908 (Continued) **S104162063**

File Name: Active Open

HIST CORTESE:

edr_fname:	SUPER 7
edr_fadd1:	38010 MISSION
City,State,Zip:	FREMONT, CA
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1443

NPDES:

Name:	CHEVRON GAS STATION CARWASH EXTRAMILE CONVENIENCE STORE AND RETAIL SHELL
Address:	38010 MISSION BOULEVARD
City,State,Zip:	FREMONT, CA 94536
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 01C399479
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	01/04/2023
Operator Name:	NARJ LLC
Operator Address:	38010 Mission Blvd
Operator City:	Fremont
Operator State:	California
Operator Zip:	94536

Name:	CHEVRON GAS STATION CARWASH EXTRAMILE CONVENIENCE STORE AND RETAIL SHELL
Address:	38010 MISSION BOULEVARD
City,State,Zip:	FREMONT, CA 94536
Facility Status:	Active
NPDES Number:	CAS000002
Region:	2
Agency Number:	0
Regulatory Measure ID:	556739
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	2 01C399479
Regulatory Measure Type:	Enrollee

SUPER 7 NO. 18908 (Continued) **S104162063**

Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/04/2023
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	38010 Mission Blvd
Discharge Name:	NARJ LLC
Discharge City:	Fremont
Discharge State:	California
Discharge Zip:	94536
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

CIWQS:

Name:	CHEVRON GAS STATION CARWASH EXTRAMILE CONVENIENCE STORE AND RETAIL SHELL
Address:	38010 MISSION BOULEVARD
City,State,Zip:	FREMONT, CA 94536
Agency:	NARJ LLC
Agency Address:	38010 Mission Blvd, Fremont , CA 94536
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	2
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	2 01C399479
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	01/04/2023
Termination Date:	Not reported
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:	37.576672
Longitude:	-121.970843

CERS:

Name:	SUPER 7 NO. 18908
Address:	38010 MISSION BLVD
City,State,Zip:	FREMONT, CA 94536
Site ID:	194395
CERS ID:	T0600101332
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker

SUPER 7 NO. 18908 (Continued) **S104162063**

Entity Name: SELIM ZEYREK - ALAMEDA COUNTY WATER DISTRICT
Entity Title: Not reported
Affiliation Address: 43885 SOUTH GRIMMER BLVD
Affiliation City: FREMONT
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

46
North
1/4-1/2
0.274 mi.
1449 ft.

Actual:
488 ft.

Focus Map:
3

SRDC INC
5550 NILES CANYON RD
SUNOL, CA 94586

Alameda County CS **1006824794**
CERS HAZ WASTE **N/A**
CERS TANKS
FINDS
EMI
WDS
CERS
NON-CASE INFO

Alameda County CS:
Name: NILES CANYON RAILWAY
Address: 5550 NILES CANYON RD
City,State,Zip: SUNOL, CA 94586-
Status: Preliminary Site Assessment Underway
Record Id: RO0003221
PE: 5502
Facility Status: Preliminary Site Assessment Underway
Latitude: Not reported
Longitude: Not reported

CERS HAZ WASTE:
Name: NILES CANYON RAILWAY
Address: 5550 NILES CANYON RD
City,State,Zip: SUNOL, CA 94586
Site ID: 398276
CERS ID: 10189341
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: NILES CANYON RAILWAY
Address: 5550 NILES CANYON RD
City,State,Zip: SUNOL, CA 94586
Site ID: 398276
CERS ID: 10189341
CERS Description: Aboveground Petroleum Storage

SRDC INC (Continued) **1006824794**

FINDS:
Registry ID: 110013834011

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

EMI:

Name:	SRDC INC
Address:	5550 NILES CANYON RD
City,State,Zip:	SUNOL, CA 94586
Year:	1998
County Code:	1
Air Basin:	SF
Facility ID:	11292
Air District Name:	BA
SIC Code:	3531
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:	2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2

Name:	SRDC INC
Address:	5550 NILES CANYON RD
City,State,Zip:	SUNOL, CA 94586
Year:	1999
County Code:	1
Air Basin:	SF
Facility ID:	11292
Air District Name:	BA
SIC Code:	3531
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:	2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2

Name:	SRDC INC
Address:	5550 NILES CANYON RD
City,State,Zip:	SUNOL, CA 94586
Year:	2000
County Code:	1
Air Basin:	SF

SRDC INC (Continued) **1006824794**

Facility ID:	11292
Air District Name:	BA
SIC Code:	3531
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:	2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2

Name:	SRDC INC
Address:	5550 NILES CANYON RD
City,State,Zip:	SUNOL, CA 94586
Year:	2001
County Code:	1
Air Basin:	SF
Facility ID:	11292
Air District Name:	BA
SIC Code:	3531
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:	4
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3

Name:	SRDC INC
Address:	5550 NILES CANYON RD
City,State,Zip:	SUNOL, CA 94586
Year:	2002
County Code:	1
Air Basin:	SF
Facility ID:	11292
Air District Name:	BA
SIC Code:	3531
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:	5
Part. Matter 10 Micrometers and Smllr Tons/Yr:	5

Name:	SRDC INC
Address:	5550 NILES CANYON RD
City,State,Zip:	SUNOL, CA 94586

SRDC INC (Continued) **1006824794**

Year:	2003
County Code:	1
Air Basin:	SF
Facility ID:	11292
Air District Name:	BA
SIC Code:	3531
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:	4
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3

Name:	SRDC INC
Address:	5550 NILES CANYON RD
City,State,Zip:	SUNOL, CA 94586
Year:	2004
County Code:	1
Air Basin:	SF
Facility ID:	11292
Air District Name:	BA
SIC Code:	3531
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:	1.613
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.48396

Name:	SRDC INC
Address:	5550 NILES CANYON RD
City,State,Zip:	SUNOL, CA 94586
Year:	2005
County Code:	1
Air Basin:	SF
Facility ID:	11292
Air District Name:	BA
SIC Code:	3531
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:	.034
Reactive Organic Gases Tons/Yr:	.0284478
Carbon Monoxide Emissions Tons/Yr:	.094
NOX - Oxides of Nitrogen Tons/Yr:	.431
SOX - Oxides of Sulphur Tons/Yr:	.007
Particulate Matter Tons/Yr:	2.449
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.254816

SRDC INC (Continued) **1006824794**

Name:	SRDC INC
Address:	5550 NILES CANYON RD
City,State,Zip:	SUNOL, CA 94586
Year:	2006
County Code:	1
Air Basin:	SF
Facility ID:	11292
Air District Name:	BA
SIC Code:	3531
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:	.088
NOX - Oxides of Nitrogen Tons/Yr:	.406
SOX - Oxides of Sulphur Tons/Yr:	.006
Particulate Matter Tons/Yr:	2.598
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.391784

Name:	SRDC INC
Address:	5550 NILES CANYON RD
City,State,Zip:	SUNOL, CA 94586
Year:	2007
County Code:	1
Air Basin:	SF
Facility ID:	11292
Air District Name:	BA
SIC Code:	3531
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:	.152
Reactive Organic Gases Tons/Yr:	.1271784
Carbon Monoxide Emissions Tons/Yr:	.42
NOX - Oxides of Nitrogen Tons/Yr:	1.93
SOX - Oxides of Sulphur Tons/Yr:	.03
Particulate Matter Tons/Yr:	3.019
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.785208

Name:	SRDC INC
Address:	5550 NILES CANYON RD
City,State,Zip:	SUNOL, CA 94586
Year:	2008
County Code:	1
Air Basin:	SF
Facility ID:	11292
Air District Name:	BA
SIC Code:	3531
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:	.152
Reactive Organic Gases Tons/Yr:	.1271784
Carbon Monoxide Emissions Tons/Yr:	.42
NOX - Oxides of Nitrogen Tons/Yr:	1.93
SOX - Oxides of Sulphur Tons/Yr:	.03

SRDC INC (Continued) **1006824794**

Particulate Matter Tons/Yr: 3.019
Part. Matter 10 Micrometers and Smllr Tons/Yr: 2.785208

WDS:

Name:	SRDC INC NILES CANYON QUARRY
Address:	5550 NILES CANYON RD
City:	SUNOL
Facility ID:	San Francisco Bay 01I015258
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	6509612742
Facility Contact:	FERRARI LARRY
Agency Name:	SRDC INC
Agency Address:	1265 Montecito Ave Ste 200
Agency City,St,Zip:	Mountain View 940434581
Agency Contact:	FERRARI LARRY
Agency Telephone:	6509612742
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:

Name:	NILES CANYON RAILWAY
Address:	5550 NILES CANYON RD

SRDC INC (Continued) **1006824794**

City,State,Zip: SUNOL, CA 94586
Site ID: 398276
CERS ID: 10189341
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 06-05-2018
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 include in the SPCC Plan an adequate discussion of the facility's conformance with the requirements of 40 CFR Part 112, and other effective discharge prevention and containment procedures listed in Part 112, or any applicable more stringent State rules, regulations, and guidelines.
Violation Notes: Returned to compliance on 07/23/2018. OBSERVATION: The facility failed to implement a Spill Prevention Control and Countermeasure (SPCC) Plan as indicated by the following observations: a.) The facility failed to maintain records of inspections and tests for a period of three years as the facility indicated on their SPCC Plan (See Table G-5 Inspections, Testing, RecordKeeping, and Personnel Training (pg. 6 of 25). b.) The facility failed to provide the annual discharge prevention briefings to all oil-handling personnel to assure adequate understanding of the SPCC Plan for the facility. Such briefings highlight and describe past reportable discharges or failures, malfunctioning components, and any recently developed precautionary measures. CORRECTIVE ACTION: a.) Record monthly visual inspections for the Railroad Tank Car PSPX 7501, Oil Shed #1, Sealed drums stored outdoors, and Enginehouse. Note: ACDEH to provide inspection log template. b.) Immediately provide an annual discharge prevention [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 06-05-2018
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 provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.
Violation Notes: Returned to compliance on 07/23/2018. OBSERVATION: The facility failed to provide training t0 oil-handling personnel regarding the following: 1.) The contents of the Spill Prevention Control and Countermeasure (SPCC) Plan. CORRECTIVE ACTION: - Immediately provide training to all oil-handling personnel regarding the contents of the Spill Prevention Control and Countermeasure (SPCC) Plan. - Submit proof of training records (e.g. Sign-in sheet) to ACDEH within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 398276

SRDC INC (Continued) **1006824794**

Site Name: NILES CANYON RAILWAY
Violation Date: 06-05-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/23/2018. OBSERVATION: The facility failed to submit a complete electronic submission of a Hazardous Materials Business Plan (HMBP) as indicated by the following deficiencies. a.) Observed deficiencies in the Hazardous Materials Inventory Page. b.) Observed deficiencies in the Annotated Site-Map Page. The HMBP has to be complete, update-to-date, and accurate. CORRECTIVE ACTION: - Update the deficiencies observed in the Hazardous Materials Inventory Page and Annotated Site-Map. - Submit electronically through the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 10-07-2021
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 provide systems or follow procedures to prevent overfills as described in the SPCC Plan, and/or failure to routinely test to ensure proper operation.
Violation Notes: Returned to compliance on 11/05/2021. Failure to provide systems or follow procedures to prevent overfills as described in the SPCC Plan, and/or failure to routinely test to ensure proper operation. There is no procedure in place to to prevent overfill. Provide systems or begin following procedures to prevent overfills as described in SPCC plan, and routinely test systems or devices used to prevent overfilling. Provide overfill procedure. Test overfill if procedure involves any gauges or overfill devices.
Violation Division: Alameda County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 03-19-2015
Citation: 49 CFR 1 172.201(e) - U.S. Code of Federal Regulations, Title 49, Chapter 1, Section(s) 172.201(e)
Violation Description: Failure of the universal waste handler to properly package, label, mark, placard, or prepare and retain shipping papers for all universal waste being shipped to another universal waste handler, destination facility, or foreign facility.
Violation Notes: Returned to compliance on 04/17/2015. OBSERVATION: Universal Waste Handler failed to properly package, label, mark, placard, or prepare and retain shipping papers for all universal waste being shipped to another universal waste handler, destination facility, or foreign facility. Shipping papers for fluorescent lamps and lead acid batteries not available. CORRECTIVE ACTION: Owner/Operator shall immediately ensure all universal waste is properly packaged, labeled,

SRDC INC (Continued) **1006824794**

marked, placarded, or prepared and retain shipping papers for all universal waste being shipped to another universal waste handler, destination facility, or foreign facility in accordance with Title 22 regulations.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 06-05-2018
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 comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes: Returned to compliance on 07/23/2018. OBSERVATION: The facility failed to comply with the following requirement: - The facility failed to keep written record of their "Monthly Visual" inspections, tests, signed by the appropriate supervisor and maintain for a period of three years. CORRECTIVE ACTION: - Immediately start an inspection log for your "Monthly Visual" inspections and tests. Submit proof of correction (e.g. Visual log for the month of June) to ACDEH within 30 days. - Ensure to maintain your "Monthly Visual" log inspections and tests for a period of three years.
Violation Division: Alameda County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 10-07-2021
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 11/05/2021. Compressed gas cylinders (2) located outside of the office yard, containing both oxygen and acetylene, observed to be unaffixed to a rigid surface at the time of the inspection. Secure the oxygen and acetylene containers outside of the office yard. Submit either photo documentation or attestation that cyliders are secure to ACDEH.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 06-05-2018
Citation: HSC 6.5 25123.3(h)(1)(C) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)(C)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal of acute/extremely hazardous waste after the first 1-kilogram threshold amount was accumulated within a 90 day period.

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Violation Notes:	Returned to compliance on 06/21/2018. OBSERVATION: The facility failed to dispose of hazardous waste (used-oil) within 90 days after the first 100-kilogram (27 gallons) threshold amount was reached as indicated by the following observations. The facility did not generate any hazardous waste manifests for the year 2017. Therefore, no hazardous wastes were picked-up during this period of time. CORRECTIVE ACTION: OPTION 1: Create a hazwaste tracking form to track how much waste is being generated such as antifreeze, used oil, oily solid wastes, etc. collected in the "hazmat shed". Once 27 gallons (for liquids) or 220 lbs (for solids) is reached you have 90 days (3 months) to dispose of the wastes, schedule a pickup with your hazardous waste hauler for the wastes to be picked up before the accumulation time limit. or OPTION 2: Once 27 gallons (for liquids) or 220 lbs (for solids) is reached you have 90 days (3 months) to dispose of the wastes. Take the accumulated wastes to Household Hazardous [Truncated]
Violation Division:	Alameda County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	10-07-2021
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 adequately describe in the SPCC Plan, overfill prevention methods, including a description of the systems or procedures used to prevent overfills for each container.
Violation Notes:	Returned to compliance on 11/05/2021. Failure to adequately describe in the SPCC Plan, overfill prevention methods, including a description of the systems or procedures used to prevent overfills for each container. Update SPCC plan to properly address overfill prevention methods, including a description of the systems or procedures used to prevent overfills for each container including the #4 fuel oil split tank railroad car and each of the engines that are filled by an outside vendor. Post filling procedures at the tank.
Violation Division:	Alameda County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	06-05-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 07/23/2018. OBSERVATION: The facility failed to annually review and electronically certify the the Hazardous Materials Business Plan (HMBP) is accurate and up-to-date as indicated by the following observations: A.) Observed deficiencies in the Hazardous Materials Inventory Page. 1.) LOCATION: OIL SHED #1 (a.k.a Hazmat Shed): Observed two 55-gallon drum of 20W-40 not reported in the Hazardous Materials Inventory Page. 2.) LOCATION: Car Shop: Observed one 250-gallon tote that was not reported in the Hazardous Materials Inventory Page. The facility representative it is coolant.

SRDC INC (Continued) **1006824794**

B.) Observed deficiencies in the Annotated Site-Map Page. 1.) Golden Gate Railroad Museum (GGRM) off-track storage area is still on the map, however, GGRM has moved most of their storage to Sonoma County, CA about 4 months ago. 2.) Figure 5: Facility Storage Map: Oil Shed #1 (a.k.a the "Hazmat Shed") was not accurate with what the facility has on-site. Observed propane tanks storage area and [Truncated]

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 04-07-2015
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 test or inspect aboveground tanks for integrity by a person qualified in accordance with industry standards.
Violation Notes: Returned to compliance on 04/17/2015. OBSERVATION: Failure to test or inspect aboveground tanks for integrity by a person qualified in accordance with industry standards. CORRECTIVE ACTION: Obtain a qualified person to perform tank integrity testing in accordance with industry standards. Include a discussion of integrity testing in the SPCC plan.
Violation Division: Alameda County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 03-19-2015
Citation: 22 CCR 16 66266.81(a)(4)(B) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(4)(B)
Violation Description: Failure to retain disposal records of spent lead batteries for three years.
Violation Notes: Returned to compliance on 04/17/2015.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 03-19-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 04/17/2015. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan by April 19, 2015. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

SRDC INC (Continued) **1006824794**

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 06-05-2018
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 include in the SPCC plan an adequate description of employee training. Training shall address, at a minimum: operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules, and regulations; general facility operations; content of the facility SPCC plan; and annual discharge prevention briefings for oil-handling personnel to assure adequate understanding of the SPCC plan.
Violation Notes: Returned to compliance on 07/30/2018. OBSERVATION: The facility failed to schedule and conduct a Spill Prevention briefings at least once a year to the facility's oil-handling personnel. No records of spill prevention briefings were available for review during this inspection. CORRECTIVE ACTION: - Immediately provide a Spill Prevention briefings to all oil-handling personnel. - Submit proof of correction (e.g. Spill Prevention sign-in sheet) that you have complied with the requirements to ACDEH within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 03-19-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 04/17/2015. OBSERVATION: The Owner/Operator page has not been submitted to this department.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 01-22-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 03/28/2018.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 04-07-2015
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 maintain adequate records (or NPDES permit records) of drainage from diked areas.

SRDC INC (Continued) **1006824794**

Violation Notes:	Returned to compliance on 04/17/2015. PROVIDE INSPECTION RECORDS FOR THE RETENTION POND.
Violation Division:	Alameda County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	06-05-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 07/23/2018. OBSERVATION: The facility representatives are familiar with the Emergency Response Plan and Proper handling of hazardous materials and receive an annual Hazardous Materials Business Plan (HMBP) training annually. However, the facility representative was not able to provide training records of all employees that they have received this training at the time of the inspection. CORRECTIVE ACTION: - Immediately locate the training documents of all employees in safety procedures in the event of a release or threatened release of a hazardous material, including, but not limited to, the Emergency Response Plan. - Maintain training records electronically or by hard copy and make available for a minimum of three years. - Submit training documents from the last 3 years to ACDEH within 30 days.
Violation Division:	Alameda County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	10-07-2021
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 provide bulk storage containers with adequate secondary containment large enough to contain the entire capacity of the largest container plus additional capacity to contain precipitation when applicable, and/or failure to position/locate mobile or portable containers to prevent a discharge.
Violation Notes:	Returned to compliance on 11/05/2021. Not all bulk storage containers have adequate secondary containment. The three compartment rail car (largest compartment 2,637 gallons), four drums of oil in the enginehouse shed, and the 55-gallon drum of transmission fluid do not have secondary containment. Provide secondary containment for bulk storage containers large enough to contain the entire capacity of the largest container plus additional capacity to contain precipitation.
Violation Division:	Alameda County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	03-19-2015
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19,

SRDC INC (Continued) **1006824794**

	Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 04/17/2015. OBSERVATION: An Emergency Response Plan and procedures has not been completed and submitted electronically to the CUPA.
Violation Division:	Alameda County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	04-18-2016
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 05/23/2016.
Violation Division:	Alameda County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	04-07-2015
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 provide training regarding: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.
Violation Notes:	Returned to compliance on 04/17/2015. OBSERVATION: Failure to provide training regarding one or more of the following: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan. CORRECTIVE ACTION: Provide training in: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan. CORRECTIVE ACTION: PROVIDE COPIES OF TRAINING RECORDS FOR ALL OIL HANDLING PERSONNEL.
Violation Division:	Alameda County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	11-12-2013
Citation:	HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description:	Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Returned to compliance on 03/25/2015.

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Violation Division:	Alameda County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	03-19-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 04/17/2015. OBSERVATION: The annotated site map has not been completed and submitted to the CUPA. CORRECTIVE ACTION: Complete an annotated site map and submit electronically in the California Environmental Reporting System (CERS).
Violation Division:	Alameda County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	04-07-2015
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 test liquid level sensing devices to ensure proper operation.
Violation Notes:	Returned to compliance on 04/17/2015. OBSERVATION: Failure to test liquid level sensing devices to ensure proper operation. CORRECTIVE ACTION: test liquid level sensing devices to ensure proper operation. Submit test report.
Violation Division:	Alameda County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	10-07-2021
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 11/05/2021. The business failed to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions. Notify the property owner in writing that the business is subject to the business plan program and has complied with its provisions. Submit documentation of correction to the unified program agency.
Violation Division:	Alameda County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	06-05-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

SRDC INC (Continued) **1006824794**

Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 07/23/2018. OBSERVATION: The following deficiencies were noted in the Annotated Site-Map that the facility submitted through the California environmental Reporting System (CERS). a.) Golden Gate Railroad Museum (GGRM) off-track storage area is still on the map, however, GGRM has moved most of their storage to Sonoma County about 4 months ago. b.) Figure 5: Facility Storage Map: Oil Shed #1 (a.k.a the "Hazmat Shed") was not accurate with what the facility has on-site. - Observed propane tanks storage area and a three compartment container storage (Misc. Hazwaste, Spill Kits, Universal Waste) not reported indicated on the site-map. c.) Observed a new installed (installed about a month ago) three compartment container storage (Storing misc. Hazwaste, Spill Kits, Universal Waste) located at the same area as OIL SHED#1 (A.K.A "HAZMAT SHED") and not included in the Annotated Site-Map. CORRECTIVE ACTION: - Update the Annotated Site-Map and correct the following mentioned [Truncated]
Violation Division:	Alameda County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	03-19-2015
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 04/17/2015.
Violation Division:	Alameda County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	03-19-2015
Citation:	22 CCR 23 66273.5 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.5
Violation Description:	Failure to properly manage mercury containing lamp bulbs which are destined for reclamation or recycling from the date the bulbs were first discarded or broken.
Violation Notes:	Returned to compliance on 04/17/2015. OBSERVATION: Universal Waste Handler failed to properly manage mercury containing lamp bulbs which are destined for reclamation or recycling from the date the bulbs were first discarded or broken. Broken fluorescent lamp found onsite. Fluorescent lamps improperly stored outside and not in container. CORRECTIVE ACTION: Owner/Operator shall immediately ensure proper management of mercury containing lamp bulbs which are destined for reclamation or recycling from the date the bulbs were first discarded or broken in accordance with Title 22 regulations. Submit documentation to the CUPA demonstrating what corrective actions were taken.
Violation Division:	Alameda County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

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Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 03-19-2015
Citation: HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description: Failure to retain paperwork documenting disposal of used oil for three years.
Violation Notes: Returned to compliance on 04/17/2015. OBSERVATION: The Owner/Operator failed to retain paperwork documenting disposal of used oil for 3 years. CORRECTIVE ACTION: The Owner/Operator shall maintain copies documenting disposal of used oil for a minimum of 3 years. Provide copies of Used oil disposal for last three years.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 03-19-2015
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes: Returned to compliance on 04/17/2015. OBSERVATION: The facility leases/rents the property and has not notified the property owner in writing that an HMBP is required for the business and complied with all of its provisions / not provided a copy of the business plan to the owner or the owners agent within five working days after receiving a request for a copy from the owner or the owners agent. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have complied with the requirement.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 06-05-2018
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 07/23/2018. OBSERVATION: The facility failed to electronically update the Hazardous Materials Business Plan (HMBP) information within 30 days of the following event: - Any handling of a previously undisclosed hazardous material. a.) LOCATION: OIL SHED #1 (a.k.a Hazmat Shed) - Observed two 55-gallon drum of 20W-40 not reported in the Hazardous Materials Inventory Page. b.) LOCATION: Car Shop - Observed one 250-gallon tote that was not reported in the Hazardous Materials Inventory Page. The facility representative it is coolant. The HMBP shall be updated within 30 days of changes chemical

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inventory, change of address, ownership, or business name. CORRECTIVE ACTION: Update and correct the deficiencies mentioned above and submit electronically through the California Environmental Reporting System (CERS) at http://cersl.calepa.ca.gov/ within 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 06-05-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/21/2018. OBSERVATION: The facility failed to properly label containers containing hazardous waste as observed by the following observations: A.) LOCATION: Oil Shed #1 (a.k.a. the "Hazmat Shed") - Observed one 55-gallon drum of used oil that has a missing physical state and hazardous properties. B.) LOCATION: The new Hazardous Materials/Hazardous Waste Storage Container (Next to "Hazmat Shed") - Observed miscellaneous hazardous waste stored in various 5-gallon bucket (appears to be waste paint) containers that has missing hazardous waste labels. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste 2) name and address of generator 3) hazardous properties 4) physical state 5) composition (contents) 6) accumulation start date CORRECTIVE ACTION: A.) CORRECTED ON SITE B.) Please provide hazardous waste labels to all containers that contains hazardous waste with all of the required information. [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 03-19-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 04/17/2015. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for the hazardous materials stored on-site to the CUPA. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398276

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Site Name: NILES CANYON RAILWAY
Violation Date: 06-05-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 07/23/2018. OBSERVATION: The following deficiencies were noted in the Hazardous Materials Inventory Page: a.) LOCATION: OIL SHED #1 (a.k.a Hazmat Shed) - Observed two 55-gallon drum of 20W-40 not reported in the Hazardous Materials Inventory Page. b.) LOCATION: Car Shop - Observed one 250-gallon tote that was not reported in the Hazardous Materials Inventory Page. The facility representative it is coolant. CORRECTIVE ACTION: - Update and correct the deficiencies mentioned above and submit electronically through the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/ within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 09-17-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 10/19/2019.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 03-19-2015
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description: Failure to inspect hazardous waste storage areas at least weekly.
Violation Notes: Returned to compliance on 04/17/2015. OBSERVATION: Generator stored five 55 gallon drums of hazardous waste in field on soil and without labeling. No waste inspections were performed in this area. CORRECTIVE ACTION: Consolidate waste in haz waste storage areas and inspect area(s) weekly.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 03-19-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

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Violation Notes:	Returned to compliance on 04/17/2015. OBSERVATION: An Emergency Response Plan and procedures has not been completed and submitted electronically to the CUPA. CORRECTIVE ACTION: Complete the emergency response plan and procedures to include all required content and submit electronically in the California Environmental Reporting System (CERS).
Violation Division:	Alameda County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	06-05-2018
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 prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan.
Violation Notes:	Returned to compliance on 07/23/2018. OBSERVATION: The facility failed to implement a Spill Prevention Control and Countermeasure (SPCC) Plan as indicated by the following observations: a.) The facility failed to maintain records of inspections and tests for a period of three years as the facility indicated on their SPCC Plan (See Table G-5 Inspections, Testing, RecordKeeping, and Personnel Training (pg. 6 of 25). b.) The facility failed to provide the annual discharge prevention briefings to all oil-handling personnel to assure adequate understanding of the SPCC Plan for the facility. Such briefings highlight and describe past reportable discharges or failures, malfunctioning components, and any recently developed precautionary measures. CORRECTIVE ACTION: a.) Record monthly visual inspections for the Railroad Tank Car PSPX 7501, Oil Shed #1, Sealed drums stored outdoors, and Enginehouse. Note: ACDEH to provide inspection log template. b.) Immediately provide an annual discharge prevention [Truncated]
Violation Division:	Alameda County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	03-19-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/17/2015. Five 55 gallon drums with oily water substance but unknow constituent in "Mt. Flippo" area were unlabeled.
Violation Division:	Alameda County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	398276
Site Name:	NILES CANYON RAILWAY
Violation Date:	10-07-2021
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter

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6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to complete and maintain at the facility the Substantial Harm Criteria certification form when owner or operator determines that the facility could not be reasonably expected to cause substantial harm to the environment.
Violation Notes: Returned to compliance on 11/05/2021. Failure to complete and maintain at the facility the Substantial Harm Criteria certification form when the owner or operator determined that the facility could not be reasonably expected to cause substantial harm to the environment. Complete and maintain at the facility the Substantial Harm Criteria certification form.
Violation Division: Alameda County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 03-19-2015
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description: Failure to properly label the following categories of universal waste as: 1) Each batteries or the container in which the batteries are contained as "Universal Waste-Battery(ies)". 2) Each mercury-containing equipment or the container in which the mercury-containing equipment is contained as "Universal Waste -Mercury-Containing Equipment". 3) Each Florescent lamp or the container or package in which the lamps are contained as "Universal Waste-Lamp(s)". 4) Each electronic devices or the container or pallet in or on which the electronic devices are contained as "Universal Waste-Electronic Device(s)". 5) Each CRTs or the container or pallet in or on which the CRTs are contained as "Universal Waste-CRT(s)". 6) A container of CRT glass shall be labeled or marked clearly with the following phrase: "Universal Waste-CRT glass". 7) In lieu of labeling individual electronic devices, CRTs, and/or containers of CRT glass pursuant to subsections d) through f) of this section, a universal waste handler may combine, package, and accumulate those universal wastes in appropriate containers or within a designated area demarcated by boundaries that are clearly labeled with the applicable portion(s) of the following phrase: "Universal Waste-Electronic Device(s)/Universal Waste - CRT(s)/Universal Waste-CRT Glass".
Violation Notes: Returned to compliance on 04/17/2015. OBSERVATION: Fluorescent lamps stored outside, unsecured, and unlabeled (one was broken). A generator shall label or mark universal waste with the words 'Universal Waste' and the type of waste (batteries, mercury containing equipment, lamps/bulbs, electronic devices, CRTs, aerosol cans). CORRECTIVE ACTION: Immediately label these wastes and ensure that all universal wastes are labeled with the required information.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 04-07-2015
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 comply with all of the following requirements: 1. Failure

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to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.

Violation Notes: Returned to compliance on 04/17/2015. PLEASE PROVIDE INSPECTION RECORDS
Violation Division: Alameda County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 04-07-2015
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 schedule and conduct spill prevention briefings at least once a year.
Violation Notes: Returned to compliance on 04/17/2015. PROVIDE RECORDS OF SPILL PREVENTION BRIEFINGS.
Violation Division: Alameda County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 06-05-2018
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/10/2018. OBSERVATION: The facility failed to establish and adequately implement a Hazardous Materials Business Plan (HMBP) as indicated by the following observations: The facility failed to properly label containers containing hazardous materials. a.) LOCATION: Car Shop - Observed one 250-gallon tote of coolant, however, no label of its content. b.) LOCATION: Enginehouse - Observed one 55-gallon drum of motor oil, however, no label of its content. The facility representative states that this is motor oil. c.) LOCATION: OTM (Other Track Materials) - Observed two rustic 55-gallon drum that was not empty, however, no label of its content. The facility representative states that they don't know what is inside of this container. CORRECTIVE ACTION: Adequately implement HMBP by correcting the following: a.) Immediately determine what is being stored in the 250-gallon tote and provide label of its content. Submit proof of corrections (e.g. Photos) to ACDEH [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Violation Date: 10-07-2021

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Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes: Returned to compliance on 11/05/2021. 55 gallon drums (3) observed in Car Shop lacking empty labels at the time of inspection. Submit photo documentation to the UPA demonstrating that the empty containers have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-22-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: GENERATE NOV LTR/ADDING VIOLATION IN EC
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-05-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The purpose of the inspection was to determine Niles Canyon Railway compliance with applicable Health and Safety Code, Division 20, Chp. 6.95, 6.5 and the California Code of Regulations (CCR), Title 22. Alameda County Dept. of Environmental Health (ACDEH) inspector arrived on-site at Niles Canyon Railway located at 5550 Niles Canyon Rd. Sunol, CA 94586 to conduct a routine announced inspection of Hazardous Materials Business Plan (HMBP), Hazardous Waste Generator (HWG), Aboveground Petroleum Storage Act (APSA) and Clean Water programs. ACDEH met with Doug Debs the facility's hazmat manager who granted consent and assisted ACDEH with this inspection. Facility/Site Description: - Niles Canyon Railway (NCRy) is a museum railroad which provides services such as historic train ride to the public, using vintage railroad cars & locomotives. - The facility generate hazardous wastes including used oil, oily solid waste, used antifreeze, waste

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aerosols, waste lubricants, [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-05-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The purpose of the inspection was to determine Niles Canyon Railway compliance with applicable Health and Safety Code, Division 20, Chp. 6.95, 6.5 and the California Code of Regulations (CCR), Title 22. Alameda County Dept. of Environmental Health (ACDEH) inspector arrived on-site at Niles Canyon Railway located at 5550 Niles Canyon Rd. Sunol, CA 94586 to conduct a routine announced inspection of Hazardous Materials Business Plan (HMBP), Hazardous Waste Generator (HWG), Aboveground Petroleum Storage Act (APSA) and Clean Water programs. ACDEH met with Doug Debs the facility's hazmat manager who granted consent and assisted ACDEH with this inspection. Facility/Site Description: - Niles Canyon Railway (NCRy) is a museum railroad which provides services such as historic train ride to the public, using vintage railroad cars & locomotives. - The facility stores hazardous materials including compressed gases (Argon, Acetylene, Oxygen), unleaded gasoline, diesel fuel, [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE INSPECTION OF NILES CANYON RAILWAY FOR THE HMBP, HAZARDOUS WASTE GENERATOR, AND ABOVE GROUND PETRLEUM STORAGE ACT WITH DOUG DEBS. DUE TO COVID PROTOCOLS, NO SIGNATURES WERE OBTAINED AT THE TIME OF THE INSPECTION. THE FACILITY HAS RECENTLY OBTAINED HAZARDOUS MATERIALS STORAGE CONTAINERS WITH SECONDARY CONTAINMENT BUILT IN FOR MOST OF THE CHEMICALS. ALL MATERIALS ARE STORED INSIDE BUILDINGS EXCEPT FOR THE ONE RAILCAR FOR #4 FUEL.
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-19-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Robert Weston and Barbara Jakub perform inspection for Pacific

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Locomotive Association dba Niles Canyon Railroad. Doug Debs escorts us through the facility. This site has two facilities with two different EPA ID numbers.

Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-17-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported

Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: FACILITY OPERATES A RAILWAY THAT HAS PETROLEUM HYDROCARBON WASTE AND USES #4 FUEL OIL FOR CERTAIN ENGINES. FUEL OIL IS STORED IN A RAIL CAR THAT DOES NOT MOVE. STORAGE SHEDS ALL HAVE SECONDARY CONTAINMENT BUT RAIL CAR DOES NOT.

Eval Division: Alameda County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-19-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Doug Debs escorts Robert Weston and Barbara Jakub through facility and adjacent storage areas. Observe many empty drums that have not been de-headed and cleaned, two approximately 6,000 gallon single wall steel underground storage tanks that have been dropped off at the facility for possible reuse. No certification paperwork was received with these tanks to determine if the tanks have been cleaned. Additionally, two 1,000 gallon fiberglass tanks formerly containing organic phosphorous sulfite and sodium chromate fiberglass tanks were found at the facility.

Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-07-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON-SITE INSPECTION PERFORMED MARCH 19, 2015. INSPECTION REPORT COMPILED BY ROBERT WESTON AND BARBARA JAKUB. INVENTORY IN SPCC PLAN IS INCORRECTLY REPORTED. TANK FACILITY STATEMENT INCLUDES SOLIDS, AND LOCOMOTIVES THAT ARE NOT SUBJECT TO SPCC IMPLEMENTATION. REVISE FACILITY STATEMENT TO REFLECT ONLY THOSE MATERIALS CAPTURED BY APSA. (PLEASE NOTE THAT THE TANK FACILITY STATEMENT FOR THE GOLDEN GATE RAILROAD ON THE CONTIGUOUS PROPERTY UNNECESSARILY INCLUDED LOCOMOTIVE FUEL THAT IS REPORTABLE. NO SPCC REQUIRED FOR GGRM AT THIS TIME.)

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Eval Division: Alameda County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-18-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP NOV LETTER
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-05-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The purpose of the inspection was to determine Niles Canyon Railway compliance with applicable Health and Safety Code, Division 20, Chp. 6.95, 6.5 and the California Code of Regulations (CCR), Title 22. Alameda County Dept. of Environmental Health (ACDEH) inspector arrived on-site at Niles Canyon Railway located at 5550 Niles Canyon Rd. Sunol, CA 94586 to conduct a routine announced inspection of Hazardous Materials Business Plan (HMBP), Hazardous Waste Generator (HWG), Aboveground Petroleum Storage Act (APSA) and Clean Water programs. ACDEH met with Doug Debs the facility's hazmat manager who granted consent and assisted ACDEH with this inspection. Facility/Site Description: - Niles Canyon Railway (NCRy) is a museum railroad which provides services such as historic train ride to the public, using vintage railroad cars & locomotives. - The museum has motive power containers (steam and diesel locomotive fuel tanks, diesel locomotive crankcases, fule tanks on [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-12-2013
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: ENTER HMBP NOV LETTER
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 398276
Site Name: NILES CANYON RAILWAY
Site Address: 5550 NILES CANYON RD
Site City: SUNOL
Site Zip: 94586
Enf Action Date: 01-22-2018
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: Alameda County Environmental Health
Enf Action Program: HMRRP

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Enf Action Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Site Address: 5550 NILES CANYON RD
Site City: SUNOL
Site Zip: 94586
Enf Action Date: 04-19-2016
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: Alameda County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 398276
Site Name: NILES CANYON RAILWAY
Site Address: 5550 NILES CANYON RD
Site City: SUNOL
Site Zip: 94586
Enf Action Date: 11-05-2015
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: Alameda County Environmental Health
Enf Action Program: UNSPEC
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Doug Debs
Entity Title: Not reported
Affiliation Address: 3469 Bryant St
Affiliation City: Palo Alto
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94306-3543
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Doug Debs
Entity Title: Hazmat Manager, DAR
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: Parent Corporation
Entity Name: NILES CANYON RAILWAY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

SRDC INC (Continued) **1006824794**

Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Alameda County Env Health
Entity Title: Not reported
Affiliation Address: 1131 Harbor Parkway, Suite 240
Affiliation City: Alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94502-6577
Affiliation Phone: (510) 567-6700,

Affiliation Type Desc: Operator
Entity Name: Pacific Locomotive Association DBA Niles Canyon Railway
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: (650) 704-1487,

Affiliation Type Desc: Legal Owner
Entity Name: Pacific Locomotive Association DBA Niles Canyon Railway
Entity Title: Not reported
Affiliation Address: PO Box 515
Affiliation City: Sunol
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94586-0515
Affiliation Phone: (650) 704-1487,

Affiliation Type Desc: Document Preparer
Entity Name: Doug Debs
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO Box 515
Affiliation City: Sunol
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94586-0515
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Beth Perrill MPA, Right of Way Section Mgr.
Entity Title: Not reported
Affiliation Address: Alameda County Public Works Agency, 399 Elmhurst St
Affiliation City: Hayward

SRDC INC (Continued) **1006824794**

Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94544
Affiliation Phone: (510) 670-5587,

Name: SRDC INC
Address: 5550 NILES CANYON RD
City,State,Zip: SUNOL, CA 94586-0000
Site ID: 495855
CERS ID: 110013834011
CERS Description: US EPA Air Emission Inventory System (EIS)

NON-CASE INFO:
Name: NILES CANYON QUARRY
Address: 5550 NILES CANYON RD
City,State,Zip: SUNOL, CA 94586
Global ID: T10000013027
Case Type: Non-Case Information
Status: Informational Item / Review Complete
Status Date: 05/22/2019
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: PK
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: Not reported
Loc Case Number: RO0003367
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported
Begin Date: 05/22/2019
How Discovered: Not reported
How Discovered Description: Not reported
Stop Method: Not reported
Stop Description: Not reported
Latitude: 37.5978
Longitude: -121.91791
Geotracker: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000013027
EPA Region: 9
Coordinate Source: Not reported
Cuf Case: NO
Quantity Released Gallons: Not reported
Leak Reported Date: 01/01/1964
Discharge Source: Other
Discharge Cause: Other
No Further Action Date: Not reported
CA Water Watershed Name: South Bay - Alameda Creek (204.30)
Dwr Groundwater Subbasin Name: Not reported
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 11-15%
CA Enviroscreen 4 Score: 5-10%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)

47
ESE
1/4-1/2
0.298 mi.
1575 ft.

SFWD SUNOL YARD
505 PALOMA
SUNOL, CA 94586

LUST
HIST CORTESE

S102436143
N/A

Actual:
229 ft.

Focus Map:
10

LUST REG 2:

Region:	2
Facility Id:	01-1275
Facility Status:	Preliminary site assessment underway
Case Number:	RO0000340
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	5/19/1992
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

HIST CORTESE:

edr_fname:	SFWD SUNOL YARD
edr_fadd1:	505 PALOMA
City,State,Zip:	SUNOL, CA 94586
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1275

48
SE
1/4-1/2
0.372 mi.
1966 ft.

SFPUC SUNOL YARD AND PUMP STATION
505 PALOMA
SUNOL, CA 94586

LUST
Alameda County CS
Cortese
CERS

S103955223
N/A

Actual:
244 ft.

Focus Map:
10

LUST:

Name:	SFPUC SUNOL YARD AND PUMP STATION
Address:	505 PALOMA
City,State,Zip:	SUNOL, CA 94586
Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101172
Global Id:	T0600101172
Latitude:	37.591083133
Longitude:	-121.883375
Status:	Completed - Case Closed
Status Date:	02/15/2012
Case Worker:	Not reported
RB Case Number:	01-1275
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000340
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match

SFPUC SUNOL YARD AND PUMP STATION (Continued) **S103955223**

Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	11/13/1986
Leak Reported Date:	11/13/1986
How Discovered:	Tank Tightness Test
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	02/15/2012
CA Water Watershed Name:	South Bay - Alameda Creek (204.30)
Dwr Groundwater Subbasin Name:	Sunol Valley (2-011)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	6-10%
CA Enviroscreen 4 Score:	1-5% (lowest scores)
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	This fuel leak case addresses unauthorized releases that occurred at different times in three separate areas: Three USTs (550-gallon diesel, 550-gallon gasoline, and 1,000-gallon gasoline USTs) at the Sunol Yard, 505 Paloma Way, Sunol, CA; Oil Spill Area approximately 100 feet south of the former USTs at the Sunol Yard, 505 Paloma Way, Sunol, CA; Three USTs (10,000-gallon diesel, 400-gallon lube, and 400-gallon waste oil USTs) at the Sunol Pump Station, Sunol, CA. Each of these three areas is discussed in separate sections below. This case closure addresses the areas affected by the three unauthorized releases above and does not include evaluations of conditions in other areas of the facility. Three USTs (550-gallon diesel, 550-gallon gasoline, and 1,000-gallon gasoline USTs) at the Sunol Yard, 505 Paloma Way, Sunol, CA The Sunol Yard is currently used as a municipal corporation yard. The surrounding area is generally agricultural with some surface mining. In February 1987, three USTs, consisting of one 550-gallon regular gasoline UST, one 1,000-gallon unleaded gasoline UST, and one 550-gallon diesel UST, were integrity tested. The 1,000-gallon regular gasoline UST system was found to be leaking. A leak in a piping coupling was repaired. A soil sample collected 1.5 feet below the piping contained 810 ppm of total petroleum hydrocarbons as gasoline (TPHg). On March 30, 1987, a three-foot diameter area was excavated beneath the suction pump. At a depth of 4 feet bgs, photoionization (PID) meter readings indicated 1,500 to 2,000 ppm of petroleum hydrocarbons vapors. Two slant soil borings (SB-1 and SB-2) were advanced to the capillary fringe (approximately 12 feet bgs) below the suction pump. Soil samples collected from the borings did not contain TPHg at concentrations above the reporting limit. Additional soil removal was conducted on June 26, 1987 to remove contaminated soil directly below the pump. A hole with a diameter of approximately 2.5 feet was excavated to a depth of 9.5 feet bgs. At a depth of 8 feet bgs, the soil had PID readings of 600 to 800 ppm. At a depth of 9.5 feet bgs, the soil appeared clean with no PID readings. A soil sample collected from the bottom of the excavation did not contain TPHg at concentrations above the reporting limit. The three USTs were removed from the southern portion of the Sunol Maintenance Yard in May 1990. Total petroleum hydrocarbons as gasoline (TPHg) and TPH as diesel (TPHd) were detected in soil samples collected from the tank excavation at

SFPUC SUNOL YARD AND PUMP STATION (Continued) **S103955223**

concentrations up to 7.6 and 40 ppm, respectively. Benzene was detected at concentrations up to 0.7 ppm. On August 22 and 23, 1991, three soil borings were advanced to a depth of 30 feet bgs and were converted into monitoring wells (MW-1 through MW-3). The monitoring wells were monitored quarterly from February 1992 to January 1993. TPHg, TPHd, TOG, BTEX, and VOCs were not detected at concentrations exceeding reporting limits in groundwater samples from the monitoring wells. Oil Spill Area approximately 100 feet south of the former USTs at the Sunol Yard, 505 Paloma Way, Sunol, CA An unlined sump near the southeast corner of a storage shed in the Sunol Maintenance Yard was reportedly used for disposal of waste oil and other liquids. The storage shed was located approximately 50 feet southwest of the three USTs in the Maintenance Yard. In November 1989, an area approximately 225 spare feet in size was excavated to a depth of 5 to 7.5 feet bgs in the Oil Spill Area. During excavation, soil samples collected from the most visibly contaminated zones contained up to 31,000 ppm of Total Oil and Grease (TOG), various VOCs at concentrations ranging from 0.3 to 3.2 ppm, and elevated concentrations of metals. Soil samples collected at a depth of 7 feet bgs from the bottom of the excavation contained Total Recoverable Petroleum Hydrocarbons (TRPH) at concentrations up to 290 ppm. Soil samples from the sidewall of the excavation at a depth of approximately 3 feet below the concrete foundation of the shop/storage shed contained 12,000 ppm of TRPH. The excavation was deepened to 7.5 feet bgs where additional confirmation soil samples were collected. The confirmation soil samples contained TOG at a concentration of 120 ppm. The excavation was not extended further beneath the building foundation to remove residual contamination to avoid damaging the concrete foundation slab. Soil from the excavation was stockpiled for future bioremediation. On August 22, 2002, a soil boring was advanced beneath the storage shed to a depth of 20 feet below grade. The boring (MY-1) originated 3 feet from the shed and was angled at 14 degrees to terminate 20 feet below the shed. TPHd was detected in soil samples from the boring at concentrations of 1.3 to 3.1 milligrams per kilogram (mg/kg) but TPHd was not detected in one grab groundwater sample collected from the boring. Oil and grease, TPHg, BTEX, MTBE, and VOCs were not detected in the soil or groundwater samples from the angled boring. Three additional soil borings (MY-2 through MY-4) were advanced south and southwest (downgradient) of the Oil Spill Area and the three former USTs to evaluate the extent of contamination. No chemicals of concern were detected at concentrations greater than reporting limits in soil or groundwater samples from the downgradient borings. Three USTs (10,000-gallon diesel, 400-gallon lube oil, and 400-gallon waste oil USTs) at the Sunol Pump Station, Sunol, CA The Sunol Pump Station is approximately 1 mile west of the I-680 Freeway and one half mile south not the City of Sunol. The site is bounded on the south by Alameda Creek, which flows in a channel with an elevation that is approximately 15 feet below surface grade at the site. Three underground storage tanks (USTs), consisting of one 10,000-gallon diesel UST and two 400-gallon waste oil USTs, were removed from the Sunol Pump Station in November 1993. Total petroleum hydrocarbons as diesel (TPHd), oil and grease, and semi-volatile organic compounds (SVOCs) were detected in soil samples collected from the tank excavations. On June 25, 1993, six soil borings (BH-1 through BH-6) were advanced to evaluate conditions around the three USTs at the Sunol Pump Station. TOG was detected in one soil sample from BH-6 at a concentration of 60 ppm. A soil sample collected from a depth of 15

SFPUC SUNOL YARD AND PUMP STATION (Continued) **S103955223**

feet bgs from boring BH-4 contained TOG at a concentration of 90 ppm and TPHd at a concentration of 410 ppm. Soil samples from the remaining soil borings did not contain petroleum hydrocarbons at concentrations above the reporting limits. On July 27, 1995, approximately 60 cubic yards of soil was excavated in the area between the former oil and diesel USTs. Impacted soil was observed between depths of 8 to 14 feet bgs in the excavation. The excavation was terminated at a depth of 16 feet bgs based on portable infrared (IR) testing of two soil samples, which indicated that TRPH concentrations were less than 100 ppm. Approximately 15 cubic yards of impacted soil were excavated beneath the lube oil tank before the excavation was terminated at a depth of 8 feet bgs based on IR readings. However, confirmation soil samples from the sidewalls of the two excavations contained up to 3,200 ppm of TPHd and 7,000 ppm of TOG. On August 7, 1995, a second phase of excavation was conducted to remove approximately 5 cubic yards of soil. Confirmation soil samples collected from the excavation sidewalls following the second phase of excavation contained less than 100 ppm of TRPH with the exception of a sidewall sample from the east side of the lube oil excavation which contained 120 ppm TRPH. Excavation was terminated in the east sidewall to avoid undermining the pump station building foundation.

LUST:

Global Id:	T0600101172
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600101172
Action Type:	RESPONSE
Date:	03/30/2012
Action:	Well Destruction Report
Global Id:	T0600101172
Action Type:	ENFORCEMENT
Date:	11/01/2011
Action:	Staff Letter - #20111101
Global Id:	T0600101172
Action Type:	RESPONSE
Date:	05/18/2011
Action:	Site Assessment Report
Global Id:	T0600101172
Action Type:	ENFORCEMENT
Date:	07/23/2009
Action:	Staff Letter - #20090723
Global Id:	T0600101172
Action Type:	ENFORCEMENT
Date:	02/15/2012

SFPUC SUNOL YARD AND PUMP STATION (Continued) **S103955223**

Action: Closure/No Further Action Letter - #20120215

Global Id: T0600101172
Action Type: ENFORCEMENT
Date: 11/04/2010
Action: Notice to Comply - #20101104

Global Id: T0600101172
Action Type: ENFORCEMENT
Date: 06/13/2011
Action: File Review - Closure - #20110613

Global Id: T0600101172
Action Type: REMEDIATION
Date: 11/01/1989
Action: Excavation

Global Id: T0600101172
Action Type: REMEDIATION
Date: 11/01/1993
Action: Excavation

Global Id: T0600101172
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600101172
Action Type: Other
Date: 11/13/1986
Action: Leak Discovery

Global Id: T0600101172
Action Type: Other
Date: 05/16/1990
Action: Leak Stopped

Global Id: T0600101172
Action Type: Other
Date: 11/13/1986
Action: Leak Reported

LUST:
Global Id: T0600101172
Status: Open - Case Begin Date
Status Date: 11/13/1986

Global Id: T0600101172
Status: Open - Site Assessment
Status Date: 11/13/1986

Global Id: T0600101172
Status: Open - Site Assessment
Status Date: 08/16/1991

Global Id: T0600101172
Status: Completed - Case Closed

SFPUC SUNOL YARD AND PUMP STATION (Continued) **S103955223**

Status Date: 01/02/1992

Global Id: T0600101172
Status: Open - Site Assessment
Status Date: 01/02/1992

Global Id: T0600101172
Status: Completed - Case Closed
Status Date: 02/15/2012

Alameda County CS:
Name: SFPUC SUNOL YARD AND PUMP STATION
Address: 505 PALOMA RD
City,State,Zip: SUNOL, CA 94586
Status: Leak Confirmation
Record Id: RO0000340
PE: 5602
Facility Status: Leak Confirmation
Latitude: 37.592536908
Longitude: -121.88157555

Name: SFPUC SUNOL YARD AND PUMP STATION
Address: 505 PALOMA RD
City,State,Zip: SUNOL, CA 94586
Status: Preliminary Site Assessment Underway
Record Id: RO0000340
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: 37.592536908
Longitude: -121.88157555

Name: SFPUC SUNOL YARD AND PUMP STATION
Address: 505 PALOMA RD
City,State,Zip: SUNOL, CA 94586
Status: Pollution Characterization
Record Id: RO0000340
PE: 5602
Facility Status: Pollution Charaterization
Latitude: 37.592536908
Longitude: -121.88157555

Name: SFPUC SUNOL YARD AND PUMP STATION
Address: 505 PALOMA RD
City,State,Zip: SUNOL, CA 94586
Status: Case Closed
Record Id: RO0000340
PE: 5602
Facility Status: Case Closed
Latitude: 37.592536908
Longitude: -121.88157555

CORTESE:
Name: SFPUC SUNOL YARD AND PUMP STATION
Address: 505 PALOMA
City,State,Zip: SUNOL, CA 94586

SFPUC SUNOL YARD AND PUMP STATION (Continued) **S103955223**

Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600101172
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

CERS:

Name:	SFPUC SUNOL YARD AND PUMP STATION
Address:	505 PALOMA
City,State,Zip:	SUNOL, CA 94586
Site ID:	211628
CERS ID:	T0600101172
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

I49 **AMCHEM PRODUCTS INC** **CPS-SLIC 1005925815**
SW **37899 NILES BLVD** **TSCA N/A**
1/4-1/2 **FREMONT, CA 94536**
0.480 mi.
2537 ft. **Site 1 of 3 in cluster I**

Actual:
81 ft.

Focus Map:
11

SLIC REG 2:

Region:	2
Facility ID:	01S0158
Facility Status:	Pollution Characterization
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported

AMCHEM PRODUCTS INC (Continued) **1005925815**

Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Click this hyperlink while viewing on your computer to access additional TSCA detail in the EDR Site Report.

I50 **HENKEL SURFACE TECHNOLOGIES** **SEMS-ARCHIVE** **1000240433**
SW **37899 NILES BOULEVARD** **CORRACTS** **CAD009152364**
1/4-1/2 **FREMONT, CA 94536** **RCRA-TSDF**
0.480 mi. **RCRA-SQG**
2537 ft. **Site 2 of 3 in cluster I** **RESPONSE**
ENVIROSTOR
Actual: **CPS-SLIC**
81 ft. **SWEEPS UST**
HIST UST
Focus Map: **CA FID UST**
11 **DEED**
2020 COR ACTION
FINDS
ECHO
PFAS
Cortese
ENF
HIST CORTESE
HWP
CIWQS
CERS

SEMS Archive:
Site ID: 0901178
EPA ID: CAD009152364
Name: AMCHEM PRODUCTS
Address: 37899 NILES BLVD
Address 2: Not reported
City,State,Zip: FREMONT, CA 94536
Cong District: 10
FIPS Code: 06001
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 09
Site ID: 0901178
EPA ID: CAD009152364
Site Name: AMCHEM PRODUCTS
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1987-09-01 04:00:00

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0901178
EPA ID: CAD009152364
Site Name: AMCHEM PRODUCTS
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1985-12-01 06:00:00
Finish Date: 1985-12-01 06:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901178
EPA ID: CAD009152364
Site Name: AMCHEM PRODUCTS
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1986-09-01 04:00:00
Finish Date: 1987-09-01 04:00:00
Qual: N
Current Action Lead: St Perf

CORRACTS:
Name: HENKEL SURFACE TECHNOLOGIES
Address: 37899 NILES BLVD
Address 2: Not reported
EPA ID: CAD009152364
Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION COMPLETE
Actual Date: 19930927
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: HENKEL SURFACE TECHNOLOGIES
Address: 37899 NILES BLVD
Address 2: Not reported
EPA ID: CAD009152364
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
Actual Date: 19940811
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: HENKEL SURFACE TECHNOLOGIES
Address: 37899 NILES BLVD
Address 2: Not reported
EPA ID: CAD009152364
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL and/OR TRT
Actual Date: 19930927
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: HENKEL SURFACE TECHNOLOGIES
Address: 37899 NILES BLVD
Address 2: Not reported
EPA ID: CAD009152364
Area Name: ENTIRE FACILITY
Corrective Action: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Actual Date: 20100607
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: HENKEL SURFACE TECHNOLOGIES
Address: 37899 NILES BLVD
Address 2: Not reported
EPA ID: CAD009152364
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20001228
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: HENKEL SURFACE TECHNOLOGIES
Address: 37899 NILES BLVD
Address 2: Not reported
EPA ID: CAD009152364
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20001228
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA TSDF:
Treatment Storage and Disposal Type: Storage
Full Enforcement Universe: Not reported
Corrective Action Workload Universe: Yes

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
Operating TSDF Universe:	Not reported
Commercial TSD Indicator:	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
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

Biennial: List of Years

Year: 2001

Click Here for Biennial Reporting System Data:

RCRA Listings:

Date Form Received by Agency:	20020228
Handler Name:	Henkel Surface Technologies
Handler Address:	37899 NILES BLVD
Handler City,State,Zip:	FREMONT, CA 94536
EPA ID:	CAD009152364
Contact Name:	ROBERT A BUDNIK
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	248-585-4322
Contact Fax:	Not reported
Contact Email:	BOB.BUDNIK@HSTNA.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	32100 STEPHENSON HWY
Mailing City,State,Zip:	MADISON HEIGHTS, MI 48071
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

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Accomplished
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	Yes
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	Yes
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
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:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2001

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:	D007
Waste Description:	Chromium
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D030
Waste Description:	2,4-Dinitrotoluene
Waste Code:	D032
Waste Description:	Hexachlorobenzene
Waste Code:	D033

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Waste Description: Hexachlorobutadiene

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: AMCHEM PRODUCTS INC.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 300 BROOKSIDE AVE.
Owner/Operator City,State,Zip: CITY NOT REPORTED, PA 99999
Owner/Operator Telephone: 215-628-1000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HENKEL CORP PARKER AMCHEM
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 32100 STEPHENSON HWY
Owner/Operator City,State,Zip: MADISON HEIGHTS, MI 48071-5514
Owner/Operator Telephone: 313-583-9300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: HENKEL CORP PARKER AMCHEM
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020228
Handler Name: HENKEL SURFACE TECHNOLOGIES
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: 19931108
Handler Name: HENKEL CORP PARKER AMCHEM

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19900320
Handler Name:	HENKEL CORP., PARKER + AMCHEM
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19920219
Handler Name:	HENKEL CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19940425
Handler Name:	HENKEL CORP, PARKER AMCHEM
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19960228
Handler Name:	PARKER AMCHEM
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

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

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: 19990304
Handler Name: HENKEL SURFACE TECHNOLOGIES FREMONT PLAN
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: HENKEL SURFACE TECHNOLOGIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020228
Handler Name: HENKEL SURFACE TECHNOLOGIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 325188
NAICS Description: ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

NAICS Code: 32532
NAICS Description: PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

NAICS Code: 325612
NAICS Description: POLISH AND OTHER SANITATION GOOD MANUFACTURING

NAICS Code: 325998
NAICS Description: ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19910109
Actual Return to Compliance Date:	19910322
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	19920804
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
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:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
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

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19890607
Actual Return to Compliance Date:	19890725
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19920304
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

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: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
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: 14800
Paid Amount: 14800
Final Count: 1
Final Amount: 14800

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19880801
Actual Return to Compliance Date: 19880913
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 007
Date of Enforcement Action: 19920304
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
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: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
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: 14800
Paid Amount: 14800
Final Count: 1
Final Amount: 14800

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19880801
Actual Return to Compliance Date:	19880913
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	19920804
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
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:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
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

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19880623
Actual Return to Compliance Date:	19910121
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	19880804
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
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

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19910122
Actual Return to Compliance Date: 19910322
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19910729
Enforcement Identifier: 006
Date of Enforcement Action: 19910709
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
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: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
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

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19880801
Actual Return to Compliance Date:	19880913
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	19920804
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
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:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
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

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19880801
Actual Return to Compliance Date:	19880913
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19920304
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
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: 14800
Paid Amount: 14800
Final Count: 1
Final Amount: 14800

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19910109
Actual Return to Compliance Date: 19910322
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 005
Date of Enforcement Action: 19910124
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
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: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
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

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19890607
Actual Return to Compliance Date:	19890725
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	004
Date of Enforcement Action:	19890619
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
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:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
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

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19880623
Actual Return to Compliance Date:	19910121
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	19920804
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
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

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19880623
Actual Return to Compliance Date: 19910121
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 003
Date of Enforcement Action: 19881104
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
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: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9STA
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

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19880601
Actual Return to Compliance Date:	19880712
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	19920804
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
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:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
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

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19910109
Actual Return to Compliance Date:	19910322
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19920304
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
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: 14800
Paid Amount: 14800
Final Count: 1
Final Amount: 14800

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19910122
Actual Return to Compliance Date: 19910322
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 008
Date of Enforcement Action: 19920804
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
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: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
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

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19880601
Actual Return to Compliance Date:	19880712
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19880622
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
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:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
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

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

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

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

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19910122
Actual Return to Compliance Date: 19910322
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 007
Date of Enforcement Action: 19920304
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
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: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
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: 14800
Paid Amount: 14800
Final Count: 1
Final Amount: 14800

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

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

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	19971217
Actual Return to Compliance Date:	19980410
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19980415
Enforcement Identifier:	001
Date of Enforcement Action:	19980220
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TEN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

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: R9STA
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

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19890607
Actual Return to Compliance Date: 19890725
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 008
Date of Enforcement Action: 19920804
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
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: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
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

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19880801
Actual Return to Compliance Date:	19890717
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19920304
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
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:	FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	R9STA
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:	14800
Paid Amount:	14800
Final Count:	1
Final Amount:	14800

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19880601
Actual Return to Compliance Date:	19880712
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19920304
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
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: 14800
Paid Amount: 14800
Final Count: 1
Final Amount: 14800

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 19971217
Actual Return to Compliance Date: 19980410
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: 19980415
Enforcement Identifier: 002
Date of Enforcement Action: 19980309
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: TEN
Corrective Action Component: No
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: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
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

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19880801
Actual Return to Compliance Date:	19890717
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	19920804
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
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:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
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

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19880623
Actual Return to Compliance Date:	19910121
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19920304
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
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: 14800
Paid Amount: 14800
Final Count: 1
Final Amount: 14800

Evaluation Action Summary:
Evaluation Date: 19910109
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19910322
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19890607
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19890725
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880623
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19880913
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Former Citation:	Not reported
Evaluation Date:	19880623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880913
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910121
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910122
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910322
Scheduled Compliance Date:	19910729
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880913
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880623
Evaluation Responsible Agency:	State
Found Violation:	Yes

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880913
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910109
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910322
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890607
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890725
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910121
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910121
Scheduled Compliance Date:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880712
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910109
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910322
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910122
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910322
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880712
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Evaluation Date:	19890623
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
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

Evaluation Date:	19910122
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910322
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910322
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
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

Evaluation Date:	19971217
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19980410
Scheduled Compliance Date:	19980415
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890607
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890725
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890717
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880712
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19971217
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19980410
Scheduled Compliance Date:	19980415
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890717
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880623
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910121
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RESPONSE:

Name:	AMCHEM PRODUCTS, INC - FORMER HERBICIDE STORAGE AREA
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA 94536
Facility ID:	01280014
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	5.6
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, RWQCB 2 - San Francisco Bay, ALAMEDA COUNTY WATER DISTRICT, CITY OF FREMONT
Lead Agency Description:	RWQCB 2 - San Francisco Bay
Project Manager:	Not reported
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Site Code:	200006
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	20
Senate:	10
Special Program Status:	Not reported
Status:	Refer: RWQCB
Status Date:	12/30/2014
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.57423
Longitude:	-121.9737
APN:	507-170-1-3
Past Use:	FOUNDRY, MACHINE SHOP, MANUFACTURING - CHEMICALS, MANUFACTURING - OTHER
Potential COC :	TPH-diesel TPH-MOTOR OIL 2,4-Dichlorophenoxyacetic Acid (2,4-D
Confirmed COC:	TPH-diesel 2,4-Dichlorophenoxyacetic Acid (2,4-D TPH-MOTOR OIL
Potential Description:	OTH, SOIL
Alias Name:	507-170-1-3
Alias Type:	APN
Alias Name:	CAD009152364
Alias Type:	EPA Identification Number
Alias Name:	110000609342
Alias Type:	EPA (FRS #)
Alias Name:	CAD009152364
Alias Type:	HWTS Identification Code
Alias Name:	P22082
Alias Type:	PCode
Alias Name:	200006
Alias Type:	Project Code (Site Code)
Alias Name:	01280014
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	5 Year Review Reports
Completed Date:	04/25/2003
Comments:	Completed Five-Year Review. Investigations into petroleum hydrocarbon contamination in the 1980s and 1990s overseen by the Regional Water Quality Control Board (RWQCB) found that approximately 34,000 pounds of oil bound to approximately 26,000 cubic yards of soil beneath the tanks and that groundwater was contaminated with petroleum hydrocarbons. In 1997, an asphalt cap was constructed over the tank area. By 2001, groundwater monitoring had been reduced. The data so far indicates that the oil in the soil is stable, with no significant leaching to groundwater. Henkel is currently working with RWQCB, the Alameda County Water District, and the city of Fremont to remediate the Site for residential development. According to a Site Investigation Report submitted in October 2002, elevated concentrations of 2,4,5-T, 2,4-D, zinc, chromium, and total petroleum hydrocarbons were detected. In an approval letter dated December 20,2002, the RWQCB indicated that the Site was suitable for residential development subject to several conditions. Among these conditions were that the Site either be remediated to levels that allow unrestricted use, or risk managed to assure that future residents not be exposed to unhealthy levels of contamination. RWQCB noted in its letter that it was reluctant to utilize the letter option, a primary concern being the oil contamination beneath the

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

former UST area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/06/1989
Comments: DTSC certified the remediation of contaminated soil in the former herbicide storage area. The Regional Water Quality Control Board continued to oversee investigations and remedial options related to petroleum hydrocarbon contamination beneath the Site following DTSC's certification.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/31/1992
Comments: Construction at a 20 inch diameter, 65 foot deep caisson/observation well that will be used to recover immiscible hydrocarbons in the groundwater by manual or passive skimming.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/25/1988
Comments: Approximately 1148 cubic yards of herbicide-contaminated soil were excavated and transported offsite for disposal from the former herbicide storage area. Post excavation sampling indicated that the highest residual levels of herbicides remaining in soil were 2.1 ppm of 2,4-D, well below current risk-based soil screening levels for residential land use. An asphalt cap was placed over the area of excavation as an additional measure of protection, although was not needed because contamination was remediated to unrestricted levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/28/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/24/1987
Comments: Completed SS. In 1981, sampling performed by DTSC (formerly the Department of Health Services, Toxic Substances Control Division) found levels of 2,4-D and 2,4,5-T. Based on these results, approximately 300 cubic yards of shallow soils were excavated, along with several buried drums discovered during the excavation. DTSC approved the cleanup of this area in a letter dated October 28,1982. In 1984, underground storage tanks (USTs) associated with the herbicide manufacturing process were cleaned and removed from the Site. Soil sampling indicated significant herbicide contamination existed beneath the tanks. During the removal of one of the tanks, black oil was observed in the excavation. In 1985, DTSC requested that Amchem further study the Site to define areas of historical spills. Meanwhile, the observation of black oil in an excavation was reported to the SF Regional Water Quality Control Board (RWQCB).

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

During the investigations, 2,4-D and 2,4,5-T were found in soils at the Site at various concentrations and depths. The highest concentrations of herbicides in soil were 14,000 ppm of 2,4,5-T and 15,000 ppm of 2,4-D. Herbicides in groundwater were detected sporadically and at low levels, and did not warrant remedial action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 07/01/1986
Comments: Completed PA. A 2,4-D surface spill in 1978 triggered a series of soil and groundwater investigations at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 11/03/1987
Comments: Consent Order Issued to Amchem and Union Carbide.

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

ENVIROSTOR:
Name: HENKEL TECHNOLOGIES
Address: 37899 NILES BLVD
City,State,Zip: FREMONT, CA 945360000
Facility ID: 80001611
Status: Refer: RWQCB
Status Date: 01/01/2008
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 5.6
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 20
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.57418
Longitude: -121.9736
APN: 507-170-1-3
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 507-170-1-3
Alias Type: APN
Alias Name: CAD009152364
Alias Type: EPA Identification Number
Alias Name: 110000609342
Alias Type: EPA (FRS #)
Alias Name: 80001611
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 09/01/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 09/27/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 09/27/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Construction Complete
Completed Date: 06/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 12/28/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 12/28/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 08/11/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 06/15/1996

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 05/15/1991
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: HENKEL CORP.
Address: 37899 NILES BOULEVARD
City,State,Zip: FREMONT, CA 94536
Facility ID: 71002265
Status: Refer: RWQCB
Status Date: 12/30/2014
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 20
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.57414
Longitude: -121.9736
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD009152364
Alias Type: EPA Identification Number
Alias Name: 110000609342
Alias Type: EPA (FRS #)
Alias Name: 71002265
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Completed Date:	09/22/1992
Comments:	On site environmental assessment indicates that repair work is need on wastewater treatment system.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	12/24/1996
Comments:	Phase 1 checklist indicates no further action. This has not been verified by DTSC.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	07/30/2002
Comments:	Soil sampling did not find contamination above unrestricted standards. Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Name:	AMCHEM PRODUCTS, INC - FORMER HERBICIDE STORAGE AREA
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA 94536
Facility ID:	01280014
Status:	Refer: RWQCB
Status Date:	12/30/2014
Site Code:	200006
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	5.6
NPL:	NO
Regulatory Agencies:	SMBRP, RWQCB 2 - San Francisco Bay, ALAMEDA COUNTY WATER DISTRICT, CITY OF FREMONT
Lead Agency:	RWQCB 2 - San Francisco Bay
Program Manager:	Not reported
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.57423
Longitude:	-121.9737
APN:	507-170-1-3
Past Use:	FOUNDRY, MACHINE SHOP, MANUFACTURING - CHEMICALS, MANUFACTURING - OTHER
Potential COC:	TPH-diesel TPH-MOTOR OIL 2,4-Dichlorophenoxyacetic Acid (2,4-D
Confirmed COC:	TPH-diesel 2,4-Dichlorophenoxyacetic Acid (2,4-D TPH-MOTOR OIL

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Potential Description: OTH, SOIL
Alias Name: 507-170-1-3
Alias Type: APN
Alias Name: CAD009152364
Alias Type: EPA Identification Number
Alias Name: 110000609342
Alias Type: EPA (FRS #)
Alias Name: CAD009152364
Alias Type: HWTS Identification Code
Alias Name: P22082
Alias Type: PCode
Alias Name: 200006
Alias Type: Project Code (Site Code)
Alias Name: 01280014
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 04/25/2003
Comments: Completed Five-Year Review. Investigations into petroleum hydrocarbon contamination in the 1980s and 1990s overseen by the Regional Water Quality Control Board (RWQCB) found that approximately 34,000 pounds of oil bound to approximately 26,000 cubic yards of soil beneath the tanks and that groundwater was contaminated with petroleum hydrocarbons. In 1997, an asphalt cap was constructed over the tank area. By 2001, groundwater monitoring had been reduced. The data so far indicates that the oil in the soil is stable, with no significant leaching to groundwater. Henkel is currently working with RWQCB, the Alameda County Water District, and the city of Fremont to remediate the Site for residential development. According to a Site Investigation Report submitted in October 2002, elevated concentrations of 2,4,5-T, 2,4-D, zinc, chromium, and total petroleum hydrocarbons were detected. In an approval letter dated December 20,2002, the RWQCB indicated that the Site was suitable for residential development subject to several conditions. Among these conditions were that the Site either be remediated to levels that allow unrestricted use, or risk managed to assure that future residents not be exposed to unhealthy levels of contamination. RWQCB noted in its letter that it was reluctant to utilize the letter option, a primary concern being the oil contamination beneath the former UST area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/06/1989
Comments: DTSC certified the remediation of contaminated soil in the former herbicide storage area. The Regional Water Quality Control Board continued to oversee investigations and remedial options related to petroleum hydrocarbon contamination beneath the Site following DTSC's certification.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/31/1992

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Comments: Construction at a 20 inch diameter, 65 foot deep caisson/observation well that will be used to recover immiscible hydrocarbons in the groundwater by manual or passive skimming.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/25/1988
Comments: Approximately 1148 cubic yards of herbicide-contaminated soil were excavated and transported offsite for disposal from the former herbicide storage area. Post excavation sampling indicated that the highest residual levels of herbicides remaining in soil were 2.1 ppm of 2,4-D, well below current risk-based soil screening levels for residential land use. An asphalt cap was placed over the area of excavation as an additional measure of protection, although was not needed because contamination was remediated to unrestricted levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/28/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/24/1987
Comments: Completed SS. In 1981, sampling performed by DTSC (formerly the Department of Health Services, Toxic Substances Control Division) found levels of 2,4-D and 2,4,5-T. Based on these results, approximately 300 cubic yards of shallow soils were excavated, along with several buried drums discovered during the excavation. DTSC approved the cleanup of this area in a letter dated October 28,1982. In 1984, underground storage tanks (USTs) associated with the herbicide manufacturing process were cleaned and removed from the Site. Soil sampling indicated significant herbicide contamination existed beneath the tanks. During the removal of one of the tanks, black oil was observed in the excavation. In 1985, DTSC requested that Amchem further study the Site to define areas of historical spills. Meanwhile, the observation of black oil in an excavation was reported to the SF Regional Water Quality Control Board (RWQCB). During the investigations, 2,4-D and 2,4,5-T were found in soils at the Site at various concentrations and depths. The highest concentrations of herbicides in soil were 14,000 ppm of 2,4,5-T and 15,000 ppm of 2,4-D. Herbicides in groundwater were detected sporadically and at low levels, and did not warrant remedial action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 07/01/1986
Comments: Completed PA. A 2,4-D surface spill in 1978 triggered a series of soil and groundwater investigations at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Completed Date:	11/03/1987
Comments:	Consent Order Issued to Amchem and Union Carbide.
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

CPS-SLIC:

Name:	HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA 94536
Region:	STATE
Facility Status:	**Open - Verification Monitoring**
Status Date:	07/01/2021
Global Id:	SL181251125
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	0014
Latitude:	37.57418
Longitude:	-121.97361
Case Type:	Cleanup Program Site
Case Worker:	MH
Local Agency:	ALAMEDA COUNTY WATER DISTRICT
RB Case Number:	01S0158
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Dioxin / Furans, Other Insecticides / Pesticide / Fumigants / Herbicides, Arsenic, Chromium, Lead, Other Metal, Heating Oil / Fuel Oil, Polynuclear aromatic hydrocarbons (PAHs), Waste Oil / Motor / Hydraulic / Lubricating, * * 2,4,5-T, * * 2,4-D, * Insecticides/Fumigants, * Metals/Heavy Metals - Arsenic, * Pesticides/Herbicides, * Petroleum - Home heating oil
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	400
Begin Date:	01/01/1978
Leak Reported Date:	01/01/1978
How Discovered:	Groundwater Monitoring, Site Assessment/Site Investigation, Tank Closure, Visual
How Discovered Description:	2,4-D surface spill (see above)
Discharge Source:	Other, Tank
Discharge Cause:	Spill
Stop Method:	Close and Remove Tank, Other Means
Stop Description:	1982 - Removal of buried drums. 1984 Removal of 10 USTs
No Further Action Date:	Not reported
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Niles Cone (2-009.01)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	26-30%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Cleanup actions conducted in the past by Henkel Corporation did not fully address residual site contaminants. The current property owner LENNAR Homes is voluntarily conducting additional soil cleanup to address these residual contaminants. Engeo Consultants conducted data gap investigations in March and April 2014 in preparation of development, and prepared a soil cleanup plan. LENNAR Homes plans to redevelop the Site with townhomes, commercial units, a community center, and associated landscape areas. The LENNAR Homes team initiated outreach efforts in October 2013 and held community outreach meetings on January 22, 2014 and May 8, 2014. The supplemental soil cleanup work began September 2014 and was completed in August 2015. The purpose of this supplemental cleanup was to remove any residual soil impacts which could pose a risk for residential development. The supplemental cleanup is now complete, the contaminated soils have been all removed therefore, the property is now suitable for residential land use. The cleanup included removal of low-level dioxins in near-surface soils within the grassy field area. Confirmatory testing has verified the grassy field areas is now suitable for unrestricted residential land use.A final report will be submitted to the Regional Water Board staff in October 2015.A revised deed restriction and site risk management plan will be submitted to the Regional Water Board in 2019, after the revised project is heard by the City of Fremont. If you have any questions or would like to review a full copy of the Removal Action Work Plan it is available on the State s electronic records database (GeoTracker, Site Documents) and at the Water Board s office at 1515 Clay Street, Suite 1400, Oakland, CA 94612.

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

SWEEPS UST:
Name: AMCHEM PRODUCTS INC. PARKER & AMCHEM
Address: 37899 NILES BLVD
City: FREMONT
Status: Active
Comp Number: 20438
Number: 9
Board Of Equalization: 44-001299
Referral Date: 08-17-92
Action Date: 08-26-92
Created Date: 02-29-88
Owner Tank Id: NT-68
SWRCB Tank Id: 01-009-020438-000001
Tank Status: A
Capacity: 380
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 2

Name: AMCHEM PRODUCTS INC. PARKER & AMCHEM
Address: 37899 NILES BLVD
City: FREMONT
Status: Active

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Comp Number: 20438
Number: 9
Board Of Equalization: 44-001299
Referral Date: 08-17-92
Action Date: 08-26-92
Created Date: 02-29-88
Owner Tank Id: FT-35
SWRCB Tank Id: 01-009-020438-000002
Tank Status: A
Capacity: 4060
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: AMCHEM PRODUCTS INC. PARKER & AMCHEM
Address: 37899 NILES BLVD
City: FREMONT
Status: Not reported
Comp Number: 20438
Number: Not reported
Board Of Equalization: 44-001299
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-009-020438-000003
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: 10

Name: AMCHEM PRODUCTS INC. PARKER & AMCHEM
Address: 37899 NILES BLVD
City: FREMONT
Status: Not reported
Comp Number: 20438
Number: Not reported
Board Of Equalization: 44-001299
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-009-020438-000004
Tank Status: Not reported
Capacity: 20000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: AMCHEM PRODUCTS INC. PARKER & AMCHEM

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Address:	37899 NILES BLVD
City:	FREMONT
Status:	Not reported
Comp Number:	20438
Number:	Not reported
Board Of Equalization:	44-001299
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-009-020438-000005
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Name:	AMCHEM PRODUCTS INC. PARKER & AMCHEM
Address:	37899 NILES BLVD
City:	FREMONT
Status:	Not reported
Comp Number:	20438
Number:	Not reported
Board Of Equalization:	44-001299
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-009-020438-000006
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Name:	AMCHEM PRODUCTS INC. PARKER & AMCHEM
Address:	37899 NILES BLVD
City:	FREMONT
Status:	Not reported
Comp Number:	20438
Number:	Not reported
Board Of Equalization:	44-001299
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-009-020438-000007
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Number Of Tanks: Not reported

Name: AMCHEM PRODUCTS INC. PARKER & AMCHEM
Address: 37899 NILES BLVD
City: FREMONT
Status: Not reported
Comp Number: 20438
Number: Not reported
Board Of Equalization: 44-001299
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-009-020438-000008
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: AMCHEM PRODUCTS INC. PARKER & AMCHEM
Address: 37899 NILES BLVD
City: FREMONT
Status: Not reported
Comp Number: 20438
Number: Not reported
Board Of Equalization: 44-001299
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-009-020438-000009
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: AMCHEM PRODUCTS INC. PARKER & AMCHEM
Address: 37899 NILES BLVD
City: FREMONT
Status: Not reported
Comp Number: 20438
Number: Not reported
Board Of Equalization: 44-001299
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-009-020438-000010
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: AMCHEM PRODUCTS INC. PARKER & AMCHEM
Address: 37899 NILES BLVD
City: FREMONT
Status: Not reported
Comp Number: 20438
Number: Not reported
Board Of Equalization: 44-001299
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-009-020438-000011
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: AMCHEM PRODUCTS INC. PARKER & AMCHEM
Address: 37899 NILES BLVD
City: FREMONT
Status: Not reported
Comp Number: 20438
Number: Not reported
Board Of Equalization: 44-001299
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-009-020438-000012
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: AMCHEM PRODUCTS INC
Address: 37899 NILES BLVD
City,State,Zip: FREMONT, CA 94536
File Number: 00035d08
URL: https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/00035d08.pdf
Region: STATE
Facility ID: 00000020438
Facility Type: Other
Other Type: Not reported
Contact Name: DAVID H. SMITH
Telephone: 4157971430

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Owner Name:	AMCHEM PRODUCTS INC.
Owner Address:	500 BROOKSIDE AVE.
Owner City,St,Zip:	AMBLER, PA 19002
Total Tanks:	0012
Tank Num:	001
Container Num:	NT-68
Year Installed:	1984
Tank Capacity:	00000380
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0.1875
Leak Detection:	Visual
Tank Num:	002
Container Num:	FT-35
Year Installed:	1978
Tank Capacity:	00004060
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	5
Leak Detection:	Visual, Stock Inventor
Tank Num:	003
Container Num:	NT-25
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	004
Container Num:	NT-47
Year Installed:	1978
Tank Capacity:	00020000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0.375
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	005
Container Num:	NT-26
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	006
Container Num:	NT-27
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	007
Container Num:	NT-28
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	008
Container Num:	NT-22
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	009
Container Num:	NT-23
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	010
Container Num:	NT-24
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	011
Container Num:	NT-21
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	012
Container Num:	NT-36
Year Installed:	1972
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0.25
Leak Detection:	Stock Inventor, Pressure Test

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 01001844
Regulated By: UTNKA
Regulated ID: 00020438
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 5107971430
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: FREMONT 94536
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

DEED:
Name: HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address: 37899 NILES BOULEVARD
City,State,Zip: FREMONT, CA 94536
Envirostor ID: SL181251125
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - VERIFICATION MONITORING
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 07/02/2012
File Name: Geotracker Land Use/Deed Restrictions

2020 COR ACTION:
EPA ID: CAD009152364
Region: 9
Action: Remedy Construction

FINDS:
Registry ID: 110000609342

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor 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.
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

generators, transporters, and treatment, storage, and disposal facilities.
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
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.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000240433
Registry ID:	110000609342
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000609342
Name:	HENKEL SURFACE TECHNOLOGIES
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA 94536

PFAS:

Name:	HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	SL181251125
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	4S1W21G002
Matrix:	Liquid
Chemical:	PFTEDA
Qualifier:	ND
Value:	0
Reporting Limit:	10
Detection Limit:	1.74
Lab Notes:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Quarterly Running Annual Average: 0
Units: NG/L
Date: 12/6/2021
Field Pt Class: WSW
Site Use: Cleanup Program Site
Site Type: Cleanup Program Site
Latitude: 37.57418
Longitude: -121.97361
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL181251125

Name: HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address: 37899 NILES BOULEVARD
City,State,Zip: FREMONT, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: SL181251125
Facility Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 4S1W21G002
Matrix: Liquid
Chemical: PFPA
Qualifier: ND
Value: 0
Reporting Limit: 10
Detection Limit: 1.4
Lab Notes: Not reported
Quarterly Running Annual Average: 0
Units: NG/L
Date: 12/6/2021
Field Pt Class: WSW
Site Use: Cleanup Program Site
Site Type: Cleanup Program Site
Latitude: 37.57418
Longitude: -121.97361
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL181251125

Name: HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address: 37899 NILES BOULEVARD
City,State,Zip: FREMONT, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	SL181251125
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	4S1W21G002
Matrix:	Liquid
Chemical:	PFOS
Qualifier:	=
Value:	3.64
Reporting Limit:	10
Detection Limit:	3.49
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/6/2021
Field Pt Class:	WSW
Site Use:	Cleanup Program Site
Site Type:	Cleanup Program Site
Latitude:	37.57418
Longitude:	-121.97361
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL181251125
Name:	HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	SL181251125
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

source_type:	All PFAS Chemicals
Location ID:	4S1W21G002
Matrix:	Liquid
Chemical:	PFDOA
Qualifier:	ND
Value:	0
Reporting Limit:	5
Detection Limit:	1.79
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/6/2021
Field Pt Class:	WSW
Site Use:	Cleanup Program Site
Site Type:	Cleanup Program Site
Latitude:	37.57418
Longitude:	-121.97361
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL181251125

Name:	HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	SL181251125
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	4S1W21G002
Matrix:	Liquid
Chemical:	8:2FTS
Qualifier:	ND
Value:	0
Reporting Limit:	10
Detection Limit:	3.09
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/6/2021
Field Pt Class:	WSW
Site Use:	Cleanup Program Site
Site Type:	Cleanup Program Site
Latitude:	37.57418

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Longitude:	-121.97361
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL181251125
Name:	HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	SL181251125
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	4S1W21G002
Matrix:	Liquid
Chemical:	PFDOA
Qualifier:	ND
Value:	0
Reporting Limit:	5
Detection Limit:	1.79
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/6/2021
Field Pt Class:	WSW
Site Use:	Cleanup Program Site
Site Type:	Cleanup Program Site
Latitude:	37.57418
Longitude:	-121.97361
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL181251125
Name:	HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	SL181251125
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	4S1W21G002
Matrix:	Liquid
Chemical:	ADONA
Qualifier:	ND
Value:	0
Reporting Limit:	10
Detection Limit:	2.44
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/6/2021
Field Pt Class:	WSW
Site Use:	Cleanup Program Site
Site Type:	Cleanup Program Site
Latitude:	37.57418
Longitude:	-121.97361
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL181251125
Name:	HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	SL181251125
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	4S1W21G002
Matrix:	Liquid
Chemical:	11ClPF3OUDS
Qualifier:	ND
Value:	0
Reporting Limit:	5

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Detection Limit:	1.32
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/6/2021
Field Pt Class:	WSW
Site Use:	Cleanup Program Site
Site Type:	Cleanup Program Site
Latitude:	37.57418
Longitude:	-121.97361
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL181251125

Name:	HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	SL181251125
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	4S1W21G002
Matrix:	Liquid
Chemical:	PFOA
Qualifier:	ND
Value:	0
Reporting Limit:	10
Detection Limit:	2.37
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/6/2021
Field Pt Class:	WSW
Site Use:	Cleanup Program Site
Site Type:	Cleanup Program Site
Latitude:	37.57418
Longitude:	-121.97361
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL181251125

Name:	HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA
Envirostor ID:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	SL181251125
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	4S1W21G002
Matrix:	Liquid
Chemical:	6:2FTS
Qualifier:	ND
Value:	0
Reporting Limit:	10
Detection Limit:	2.37
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/6/2021
Field Pt Class:	WSW
Site Use:	Cleanup Program Site
Site Type:	Cleanup Program Site
Latitude:	37.57418
Longitude:	-121.97361
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL181251125

Name:	HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address:	37899 NILES BOULEVARD
City,State,Zip:	FREMONT, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	SL181251125
Facility Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	4S1W21G002
Matrix:	Liquid
Chemical:	PFBSA
Qualifier:	ND
Value:	0
Reporting Limit:	10
Detection Limit:	3.49
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/6/2021
Field Pt Class:	WSW
Site Use:	Cleanup Program Site
Site Type:	Cleanup Program Site
Latitude:	37.57418
Longitude:	-121.97361
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL181251125

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

CORTESE:

Name:	AMCHEM
Address:	37899 NILES
City,State,Zip:	FREMONT, CA 94536
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Clean-up and Abatement Order
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	2
WID Id:	2 019185N02
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

Name:	AMCHEM
Address:	37899 NILES
City,State,Zip:	FREMONT, CA 94536
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Clean-up and Abatement Order
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	2
WID Id:	2 019185N02
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name:	AMCHEM
Address:	37899 NILES
City,State,Zip:	FREMONT, CA 94536
Region:	2
Facility Id:	205429
Agency Name:	Parker Amchem
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.574999
Place Longitude:	-121.973739
SIC Code 1:	2879
SIC Desc 1:	Pesticides and Agricultural Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

# Of Programs:	1
WDID:	2 019185N02
Reg Measure Id:	162028
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	Passive
Enforcement Id(EID):	222804
Region:	2
Order / Resolution Number:	96-063
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	06/15/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 019185N02
Description:	SCR-
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	AMCHEM
Address:	37899 NILES
City,State,Zip:	FREMONT, CA 94536
Region:	2
Facility Id:	205429

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Agency Name:	Parker Amchem
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.574999
Place Longitude:	-121.973739
SIC Code 1:	2879
SIC Desc 1:	Pesticides and Agricultural Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 019185N02
Reg Measure Id:	162028
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	219729
Region:	2
Order / Resolution Number:	91-079
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	05/15/1991
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 019185N02
Description:	SCR-FOR REMEDIATION OF FREE & DISSOLVED PETROLEUM PRODUCTS AND PESTICIDES IN GW.
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	HENKEL SURFACE TECHNOLOGI
edr_fadd1:	37899 NILES
City,State,Zip:	FREMONT, CA 94536
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	21999185

edr_fname:	SCR-AMCHEM
edr_fadd1:	37899 NILES
City,State,Zip:	FREMONT, CA 94536
Region:	CORTESE
Facility County Code:	1
Reg By:	WBC&D
Reg Id:	2 019185N02

HWP:

EPA ID:	CAD009152364
Name:	HENKEL CORPORATION
Address:	37899 NILES BLVD
Cleanup Status:	CLOSED
Latitude:	37.57418
Longitude:	-121.9736
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Site Code:	Not reported
Senate District:	10
Assembly District:	20
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	04/18/2018- This facility converted from ISD to Variance to PBR (Tiered permitting). See letter dated 3/1/02, which states the facility is being closed as PBR Facility. This facility is therefore being administrative closed.
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	RCRA
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	26-30%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported

Activities:

EPA ID:	CAD009152364
Facility Type:	Historical - Non-Operating
Facility Name:	HENKEL CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Variance
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1989-07-17 00:00:00
Type:	VAR
Title Description:	Permit Variance
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1
Event Description:	New Variance - FINAL VARIANCE
Actual Date:	07/17/1989

EPA ID:	CAD009152364
Facility Type:	Historical - Non-Operating
Facility Name:	HENKEL CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	RCRA
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1
Event Description:	New Operating Permit - APPLICATION PART A RECEIVED
Actual Date:	11/17/1980

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

EPA ID: CAD009152364
Facility Type: Historical - Non-Operating
Facility Name: HENKEL CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: Not reported
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Imported - No DTSC Approval Documented, Received Withdrawal Request
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date: 11/04/1988

EPA ID: CAD009152364
Facility Type: Historical - Non-Operating
Facility Name: HENKEL CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: Not reported
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 11/08/1988

Closure:
EPA ID: CAD009152364
Facility Type: Historical - Non-Operating
Facility Name: HENKEL CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Referred for closure to other agency
Final Date: Not reported
Type: RCRA
Title Description: Not reported
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY
Actual Date: 09/09/2015

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

EPA ID:	CAD009152364
Facility Type:	Historical - Non-Operating
Facility Name:	HENKEL CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Size:	Not reported
Facility Status:	CLOSED
Activity Type:	Closure Final
Final Date:	Not reported
Type:	RCRA
Title Description:	CONTAIN1-Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1
Event Description:	Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date:	07/15/2016

EPA ID:	CAD009152364
Facility Type:	Historical - Non-Operating
Facility Name:	HENKEL CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Size:	Not reported
Facility Status:	CLOSED
Activity Type:	Closure Administrative
Final Date:	Not reported
Type:	RCRA
Title Description:	Closure of Tiered Permit Facility
Due Date:	Not reported
Comments:	This facility converted from ISD to Variance to PBR (Tiered permitting). See letter dated 3/1/02, which states the facility is being closed as PBR Facility.
Unit Names:	CONTAIN1
Event Description:	Closure Administrative - ISSUE CLOSURE VERIFICATION
Actual Date:	04/18/2018

EPA ID:	CAD009152364
Facility Type:	Historical - Non-Operating
Facility Name:	HENKEL CORPORATION
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Size:	Not reported
Facility Status:	CLOSED
Activity Type:	Closure Final
Final Date:	Not reported
Type:	RCRA
Title Description:	CONTAIN1-Closure
Due Date:	Not reported
Comments:	This facility was referred to RWQCB 2 for cleanup and no further information available -- Cindy Chain-Britton 8/23/2011
Unit Names:	CONTAIN1
Event Description:	Closure Final - CLOSURE PLAN RECEIVED
Actual Date:	11/04/1988

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Alias:
EPA ID: CAD009152364
Facility Type: Historical - Non-Operating
Facility Name: HENKEL CORPORATION
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: FRS
Alias: 110000609342

CIWQS:
Name: HENKEL PROPERTY
Address: 37899 NILES BOULEVARD
City,State,Zip: FREMONT, CA 94536
Agency: Lennar Homes of California LLC
Agency Address: 2603 Camino Ramon Suite 525, San Ramon, CA 94583
Place/Project Type: Construction - Other: Remediation of site, removing chemicals of potential concern
SIC/NAICS: Not reported
Region: 2
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 2 01C371570
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 11/25/2014
Termination Date: 08/04/2015
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: 37.574293
Longitude: -121.973707

CERS:
Name: HENKEL CORPORATION (FORMERLY PARKER-AMCHEM)
Address: 37899 NILES BOULEVARD
City,State,Zip: FREMONT, CA 94536
Site ID: 202959
CERS ID: SL181251125
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Cherie McCaulou - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREET, SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: AMCHEM PRODUCTS, INC
Address: 37899 NILES BOULEVARD
City,State,Zip: FREMONT, CA 94536
Site ID: 605990
CERS ID: 01280014
CERS Description: State Response

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: Karen Toth
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: ,

Name: HENKEL TECHNOLOGIES
Address: 37899 NILES BLVD
City,State,Zip: FREMONT, CA 945360000
Site ID: 607779
CERS ID: 80001611
CERS Description: Corrective Action

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: Referred - Not Assigned
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: ,

Name: HENKEL CORPORATION
Address: 37899 NILES BLVD
City,State,Zip: FREMONT, CA 945360000
Site ID: 607778
CERS ID: CAD009152364
CERS Description: Hazardous Waste

Affiliation:
Affiliation Type Desc: Facility Contact
Entity Name: JACK GARAVANTA/DIR ENVT'L COMPL
Entity Title: Not reported
Affiliation Address: 32100 STEPHENSON HWY
Affiliation City: MADISON HEIGHTS
Affiliation State: MI
Affiliation Country: Not reported
Affiliation Zip: 480710000

HENKEL SURFACE TECHNOLOGIES (Continued) **1000240433**

Affiliation Phone:	2485894830,
Affiliation Type Desc:	Facility Owner
Entity Name:	HENKEL CORPORATION
Entity Title:	Not reported
Affiliation Address:	ONE HENKEL WAY
Affiliation City:	ROCKY HILL
Affiliation State:	CT
Affiliation Country:	Not reported
Affiliation Zip:	060670000
Affiliation Phone:	8605715100,

I51 **AMCHEM PRODUCTS, INC** **HIST Cal-Sites** **S100833240**
SW **37899 NILES BOULEVARD** **CA BOND EXP. PLAN** **N/A**
1/4-1/2 **FREMONT, CA 94536**
0.480 mi.
2537 ft. **Site 3 of 3 in cluster I**

Actual:
81 ft.

Focus Map:
11

Calsite:

Name:	AMCHEM PRODUCTS, INC
Address:	37899 NILES BOULEVARD
City:	FREMONT
Region:	BERKELEY
Facility ID:	01280014
Facility Type:	RP
Type:	RESPONSIBLE PARTY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	06301989
Status:	CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES IMPLEMENTED, REMEDIATION CONTINUES
Status Name:	CERTIFIED / OPERATION & MAINTENANCE
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
NPL:	Not Listed
SIC Code:	28
SIC Name:	MANU - CHEMICALS & ALLIED PRODUCTS
Access:	Controlled
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
Staff Member Responsible for Site:	HATIQEE
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	SF
Region Water Control Board Name:	SAN FRANCISCO BAY
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	20
State Senate District Code:	10
Facility ID:	01280014
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0

AMCHEM PRODUCTS, INC (Continued) **S100833240**

AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03241987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01280014
Activity:	DES
Activity Name:	DESIGN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01301989
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01280014
Activity:	FRA
Activity Name:	FINAL REMEDIAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05301989
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0

AMCHEM PRODUCTS, INC (Continued) **S100833240**

Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01280014
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06301989
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	1148
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	EXCAVATION AND REDISPOSAL OF HERBICIDE CONTAMINATED SOIL, BACKFILL AT90% REL.COMPACTION, AND INSTALLATION OF AN ENGINEERED CONCRETE/ASPHALTCAP.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01280014
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	WELL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01311992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	CONSTRUCTION OF A 20-INCH DIAMETER WELL THAT WILL BE USED TO RECOVERIMMISCIBLE HYDROCARBONS IN THE GROUNDWATER.

AMCHEM PRODUCTS, INC (Continued) **S100833240**

For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01280014
Activity:	5YEAR
Activity Name:	FIVE-YEAR REVIEW REQUIRED BY CERCLA
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04252003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01280014
Activity:	5YEAR
Activity Name:	FIVE-YEAR REVIEW REQUIRED BY CERCLA
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	04302008
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	37899 NILES BOULEVARD
Alternate City,St,Zip:	FREMONT, CA 94536
Background Info:	A foundry and an engine manufacturing machine shop were located at the Site from 1907 to 1920. The Site was used for cannery operations from 1920 to 1944. Fuel oil, or "bunker C oil" was

AMCHEM PRODUCTS, INC (Continued) **S100833240**

stored in historic concrete underground storage tanks (UST). The Site was purchased by Amchem in 1952. Cannery operations equipment, including the concrete USTs, were removed prior to the purchase by Amchem. Between 1952 and 1980, metal-treating chemicals and herbicides containing 2,4-dichlorophenoxyacetic acid (2,4-D) and 2,4,5-trichlorophenoxyacetic acid (2,4,5- T) were formulated at the plant. In 1980, Henkel of America (Henkel, now Henkel Surface Technologies) purchased the Fremont facility, and herbicide production was discontinued. However, Henkel continued the production of metal-treating chemicals. On March 20, 2002, Henkel discontinued all its operations at the Site. Henkel is currently working with regulatory agencies to remediate the Site for residential development.

Comments Date: 01311992
Comments: Completed RA.
Comments Date: 03241987
Comments: Completed SS. In 1981, sampling performed by DTSC (formerly the
Comments Date: 03241987
Comments: Department of Health Services, Toxic Substances Control
Comments Date: 03241987
Comments: Division) found levels of 2,4-D and 2,4,5-T. Based on these
Comments Date: 03241987
Comments: results, approximately 300 cubic yards of shallow soils were
Comments Date: 03241987
Comments: excavated, along with several buried drums discovered during the
Comments Date: 03241987
Comments: excavation. DTSC approved the cleanup of this area in a letter
Comments Date: 03241987
Comments: dated October 28,1982. In 1984, underground storage tanks
Comments Date: 03241987
Comments: (USTs) associated with the herbicide manufacturing process were
Comments Date: 03241987
Comments: cleaned and removed from the Site. Soil sampling indicated
Comments Date: 03241987
Comments: significant herbicide contamination existed beneath the tanks.
Comments Date: 03241987
Comments: During the removal of one of the tanks, black oil was observed
Comments Date: 03241987
Comments: in the excavation. In 1985, DTSC requested that Amchem further
Comments Date: 03241987
Comments: study the Site to define areas of historical spills. Meanwhile,
Comments Date: 03241987
Comments: the observation of black oil in an excavation was reported to
Comments Date: 03241987
Comments: the SF Regional Water Quality Control Board (RWQCB). During the
Comments Date: 03241987
Comments: investigations, 2,4-D and 2,4,5-T were found in soils at the
Comments Date: 03241987
Comments: Site at various concentrations and depths. The highest
Comments Date: 03241987
Comments: concentrations of herbicides in soil were 14,000 ppm of 2,4,5-T
Comments Date: 03241987
Comments: and 15,000 ppm of 2,4-D. Herbicides in groundwater were
Comments Date: 03241987
Comments: detected sporadically and at low levels, and did not warrant
Comments Date: 03241987
Comments: remedial action.

AMCHEM PRODUCTS, INC (Continued) **S100833240**

Comments Date:	04252003
Comments:	Completed Five-Year Review. Investigations into petroleum
Comments Date:	04252003
Comments:	hydrocarbon contamination in the 1980s and 1990s found that
Comments Date:	04252003
Comments:	approximately 34,000 pounds of oil bound to approximately 26,000
Comments Date:	04252003
Comments:	cubic yards of soil beneath the tanks and that groundwater was
Comments Date:	04252003
Comments:	contaminated with petroleum hydrocarbons. In 1997, an asphalt
Comments Date:	04252003
Comments:	cap was constructed over the tank area. By 2001, groundwater
Comments Date:	04252003
Comments:	monitoring had been reduced. The data so far indicates that the
Comments Date:	04252003
Comments:	oil in the soil is stable, with no significant leaching to
Comments Date:	04252003
Comments:	groundwater. Henkel is currently working with regulatory
Comments Date:	04252003
Comments:	agencies to remediate the Site for residential development.
Comments Date:	04252003
Comments:	According to a Site Investigation Report submitted in October
Comments Date:	04252003
Comments:	2002, elevated concentrations of 2,4,5-T, 2,4-D, zinc, chromium,
Comments Date:	04252003
Comments:	and total petroleum hydrocarbons were detected. In an approval
Comments Date:	04252003
Comments:	letter dated December 20,2002, the RWQCB indicated that the Site
Comments Date:	04252003
Comments:	was suitable for residential development subject to several
Comments Date:	04252003
Comments:	conditions. Among these conditions were that the Site either be
Comments Date:	04252003
Comments:	remediated to levels that allow unrestricted use, or risk
Comments Date:	04252003
Comments:	managed to assure that future residents not be exposed to
Comments Date:	04252003
Comments:	unhealthy levels of contamination. RWQCB noted in its letter
Comments Date:	04252003
Comments:	that it was reluctant to utilize the letter option, a primary
Comments Date:	04252003
Comments:	concern being the oil contamination beneath the former UST area.
Comments Date:	05301989
Comments:	Completed FRA. A RAP was implemented during the months of
Comments Date:	05301989
Comments:	August through October of 1988. Approximately 1148 cubic yards
Comments Date:	05301989
Comments:	of herbicide-contaminated soil were excavated and transported
Comments Date:	05301989
Comments:	offsite for disposal. Post excavation sampling indicated that
Comments Date:	05301989
Comments:	the highest residual levels of herbicides remaining in soil were
Comments Date:	05301989
Comments:	2.1 ppm of 2,4-D, well below current risk-based soil screening
Comments Date:	05301989
Comments:	levels for residential land use.
Comments Date:	06301989

AMCHEM PRODUCTS, INC (Continued) **S100833240**

Comments:	Certified Site.
Comments Date:	07011986
Comments:	Completed PA. A 2,4-D surface spill in 1978 triggered a series
Comments Date:	07011986
Comments:	of soil and groundwater investigations at the Site.
ID Name:	HWIS IDENTIFICATION CODE
ID Value:	CAD009152364
ID Name:	BEP DATABASE PCODE
ID Value:	P22082
ID Name:	EPA IDENTIFICATION NUMBER
ID Value:	CAD009152364
ID Name:	CALSTARS CODE
ID Value:	200006
Alternate Name:	AMCHEM PRODUCTS, INC
Alternate Name:	Not reported
Special Programs Code:	C104
Special Programs Name:	CERCLA 104

CA BOND EXP. PLAN:

Reponsible Party:	RESPONSIBLE PARTY-LEAD SITE CLEANUP WORKPLAN
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	The responsible party, Amchem Products, Inc., is funding all remedial investigative activities. DHS has entered into a consent order with Amchem and Union Carbide for cleanup of herbicide contamination. DHS will recover 100 percent of its past direct costs plus staff costs and overhead related to the project. The responsible parties will pay all costs associated with cleanup and have agreed to pay for DHS oversight costs for the herbicide cleanup on a quarterly basis. DHS has budgeted $50,000 for oversight of the herbicide cleanup.
Site Description:	Union Carbide operated a chemical formulation facility from 1952 until 1980, when ownership was transferred to Amchem. The Company manufactures acid and alkali-based cleaning compounds, and until July, 1980, blended bases to form herbicides such as Silvex, 2-4-D (2-4 dichlorophenoxyacetic acid) and 2,4,5-T (2,4,5-trichlorophenoxyacetic acid).
Hazardous Waste Desc:	Extensive herbicide contamination of the soil has been discovered. Up to 15,000 parts per million (ppm) 2,4-D and 2,4,5-T were discovered in soil down to a depth of 20 feet.
Threat To Public Health & Env:	The site is located in a major ground water recharge area. Herbicide contaminated soils could migrate into ground water.
Site Activity Status:	Numerous investigations have been conducted since February, 1978 when a herbicide spill from a railroad tank car occurred. Herbicide contamination is being remediated pursuant to a DHS consent order. The RAP has been submitted and approved by DHS. Soil removal was started in August, 1988. About 500 cubic yards of contaminated soil will be excavated and disposed of at Grassy Mountain Disposal Facility in Utah.

52 **L & M AUTO SERVICE (EAR)** **LUST** **S101580093**
WSW **37810 NILES BLVD** **SWEEPS UST** **N/A**
1/4-1/2 **FREMONT, CA 94536** **CA FID UST**
0.484 mi. **Cortese**
2555 ft. **HIST CORTESE**
CERS

Actual:
83 ft.

Focus Map:
11

LUST REG 2:

Region:	2
Facility Id:	01-0998
Facility Status:	Leak being confirmed
Case Number:	0071
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	6/10/1987
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

LUST:

Name:	L & M AUTO SERVICE
Address:	37810 NILES BLVD
City,State,Zip:	FREMONT, CA 94536
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=T0600100921
Global Id:	T0600100921
Latitude:	37.5763792
Longitude:	-121.9755626
Status:	Open - Eligible for Closure
Status Date:	03/03/2021
Case Worker:	LK
RB Case Number:	01-0998
Local Agency:	ALAMEDA COUNTY WATER DISTRICT
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	TT0071
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	06/10/1987
Leak Reported Date:	06/10/1987
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Physc / Mech Damage
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - Niles Cone (2-009.01)
Disadvantaged Community:	Not reported

L & M AUTO SERVICE (EAR) (Continued) **S101580093**

CA Enviroscreen 3 Score: 26-30%
CA Enviroscreen 4 Score: 30-35%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: The subject property (Site) is located on the northern side of Niles Blvd, bounded on the north by an active railroad track that continues along the eastern border of the parcel. The Site currently is developed with asphalt pavement cover and an older, single-story wooden-frame facility which houses offices and auto repair facility for the current occupant, Niles Smog & Service, an auto smog and repair business. Four (4) gasoline underground storage tanks (USTs) were removed off-Site in March 1988. Soil samples collected from the excavation at the time of the UST removals contained up to 2,900 ppm TPH-G, 11 ppm benzene, 170 ppm toluene, and 110 ppm xylenes. An ACWD letter dated December 20, 1994 refers to a sample analysis performed by Trace Analysis Laboratory dated February 27, 1990. The groundwater samples from this analysis contained 11,000 ppb TPH-G, 1,700 ppb benzene, 240 ppb toluene, 1,700 ppb ethylbenzene, and 1,700 ppb xylenes.

LUST:
Global Id: T0600100921
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: DOUG YOUNG
Organization Name: ALAMEDA COUNTY WATER DISTRICT
Address: 43885 SOUTH GRIMMER BLVD
City: FREMONT
Email: douglas.young@acwd.com
Phone Number: Not reported

Global Id: T0600100921
Contact Type: Regional Board Caseworker
Contact Name: LAUREN KAHAPEA
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 Clay Street
City: OAKLAND
Email: lauren.kahapea@waterboards.ca.gov
Phone Number: 5106222343

LUST:
Global Id: T0600100921
Action Type: RESPONSE
Date: 06/08/1987
Action: Other Report / Document

Global Id: T0600100921
Action Type: RESPONSE
Date: 05/03/2021
Action: Request for Closure - Regulator Responded

Global Id: T0600100921
Action Type: RESPONSE
Date: 06/21/2021
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0600100921

L & M AUTO SERVICE (EAR) (Continued) **S101580093**

Action Type: ENFORCEMENT
Date: 02/08/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 08/26/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 11/13/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 06/12/2019
Action: File review

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 12/18/2019
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 07/30/2020
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 03/14/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 10/21/2019
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 05/27/2020
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 06/19/2019
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 10/21/2019
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 04/30/2013

L & M AUTO SERVICE (EAR) (Continued) **S101580093**

Action:	Clean Up Fund - Case Closure Review Summary Report (RSR)
Global Id:	T0600100921
Action Type:	ENFORCEMENT
Date:	05/11/2021
Action:	Staff Letter
Global Id:	T0600100921
Action Type:	ENFORCEMENT
Date:	06/28/2021
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0600100921
Action Type:	ENFORCEMENT
Date:	06/28/2021
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0600100921
Action Type:	ENFORCEMENT
Date:	03/15/2022
Action:	Verbal Communication
Global Id:	T0600100921
Action Type:	ENFORCEMENT
Date:	07/06/2022
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0600100921
Action Type:	RESPONSE
Date:	10/05/1999
Action:	Correspondence
Global Id:	T0600100921
Action Type:	RESPONSE
Date:	09/27/2019
Action:	Site Investigation Workplan - Regulator Responded
Global Id:	T0600100921
Action Type:	RESPONSE
Date:	06/02/2020
Action:	Request for Closure - Regulator Responded
Global Id:	T0600100921
Action Type:	RESPONSE
Date:	11/04/2019
Action:	Soil and Water Investigation Workplan - Addendum - Regulator Responded
Global Id:	T0600100921
Action Type:	RESPONSE
Date:	04/24/2019
Action:	Conceptual Site Model
Global Id:	T0600100921
Action Type:	ENFORCEMENT
Date:	11/22/2010
Action:	Technical Correspondence / Assistance / Other

L & M AUTO SERVICE (EAR) (Continued) **S101580093**

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 07/02/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 04/14/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: RESPONSE
Date: 03/08/1988
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600100921
Action Type: RESPONSE
Date: 05/25/1995
Action: Other Report / Document

Global Id: T0600100921
Action Type: RESPONSE
Date: 06/12/1990
Action: Other Report / Document

Global Id: T0600100921
Action Type: RESPONSE
Date: 06/27/1996
Action: Other Report / Document

Global Id: T0600100921
Action Type: RESPONSE
Date: 07/28/1988
Action: Other Report / Document

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 05/22/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: RESPONSE
Date: 04/08/1988
Action: Correspondence

Global Id: T0600100921
Action Type: RESPONSE
Date: 12/27/1994
Action: Preliminary Site Assessment Report

Global Id: T0600100921
Action Type: RESPONSE

L & M AUTO SERVICE (EAR) (Continued) **S101580093**

Date: 03/16/1990
Action: Other Report / Document

Global Id: T0600100921
Action Type: RESPONSE
Date: 11/12/1987
Action: Monitoring Report - Other

Global Id: T0600100921
Action Type: RESPONSE
Date: 04/23/2019
Action: Request for Closure - Regulator Responded

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 07/03/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 01/13/2021
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 06/16/2021
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600100921
Action Type: ENFORCEMENT
Date: 02/17/2022
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100921
Action Type: Other
Date: 06/10/1987
Action: Leak Discovery

Global Id: T0600100921
Action Type: Other
Date: 06/10/1987
Action: Leak Stopped

Global Id: T0600100921
Action Type: Other
Date: 06/10/1987
Action: Leak Reported

LUST:
Global Id: T0600100921
Status: Open - Case Begin Date
Status Date: 06/10/1987

Global Id: T0600100921
Status: Open - Site Assessment
Status Date: 06/10/1987

L & M AUTO SERVICE (EAR) (Continued) **S101580093**

Global Id: T0600100921
Status: Open - Eligible for Closure
Status Date: 03/26/2013

Global Id: T0600100921
Status: Open - Site Assessment
Status Date: 03/26/2013

Global Id: T0600100921
Status: Open - Eligible for Closure
Status Date: 08/06/2013

Global Id: T0600100921
Status: Open - Site Assessment
Status Date: 06/29/2016

Global Id: T0600100921
Status: Open - Verification Monitoring
Status Date: 10/22/2020

Global Id: T0600100921
Status: Open - Eligible for Closure
Status Date: 03/03/2021

SWEEPS UST:
Name: L & M AUTO SERVICE
Address: 37810 NILES BLVD
City: FREMONT
Status: Not reported
Comp Number: 38349
Number: Not reported
Board Of Equalization: 44-001324
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-009-038349-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 4

Name: L & M AUTO SERVICE
Address: 37810 NILES BLVD
City: FREMONT
Status: Not reported
Comp Number: 38349
Number: Not reported
Board Of Equalization: 44-001324
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

L & M AUTO SERVICE (EAR) (Continued) **S101580093**

SWRCB Tank Id: 01-009-038349-000002
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: L & M AUTO SERVICE
Address: 37810 NILES BLVD
City: FREMONT
Status: Not reported
Comp Number: 38349
Number: Not reported
Board Of Equalization: 44-001324
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-009-038349-000003
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: L & M AUTO SERVICE
Address: 37810 NILES BLVD
City: FREMONT
Status: Not reported
Comp Number: 38349
Number: Not reported
Board Of Equalization: 44-001324
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-009-038349-000004
Tank Status: Not reported
Capacity: 3000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 01001118
Regulated By: UTNKI
Regulated ID: 00038349
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4157919879
Mail To: Not reported

L & M AUTO SERVICE (EAR) (Continued) **S101580093**

Mailing Address: 37810 NILES BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: FREMONT 94536
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

CORTESE:
Name: L & M AUTO SERVICE
Address: 37810 NILES BLVD
City,State,Zip: FREMONT, CA 94536
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600100921
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - ELIGIBLE FOR CLOSURE
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: MOBIL
edr_fadd1: 37810 NILES
City,State,Zip: FREMONT, CA
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0998

CERS:
Name: L & M AUTO SERVICE
Address: 37810 NILES BLVD
City,State,Zip: FREMONT, CA 94536
Site ID: 219568
CERS ID: T0600100921
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker

L & M AUTO SERVICE (EAR) (Continued) **S101580093**

Entity Name:	DOUG YOUNG - ALAMEDA COUNTY WATER DISTRICT
Entity Title:	Not reported
Affiliation Address:	43885 SOUTH GRIMMER BLVD
Affiliation City:	FREMONT
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	LAUREN KAHAPEA - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 Clay Street
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5106222343,

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53 **NILES SQUARE** **ENVIROSTOR** **S106044361**
WSW **37482 - 37862 NILES BLVD** **VCP** **N/A**
1/2-1 **FREMONT, CA 94536**
0.622 mi.
3284 ft.

Actual:
84 ft.

Focus Map:
11

ENVIROSTOR:

Name:	NILES SQUARE
Address:	37482 - 37862 NILES BLVD
City,State,Zip:	FREMONT, CA 94536
Facility ID:	01400016
Status:	Certified
Status Date:	06/29/2012
Site Code:	201486
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	6.8
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	10
Special Program:	Voluntary Agreement - Standard Voluntary Agreement
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.57696
Longitude:	-121.9780
APN:	507-828-3, 507-828-4, 507-828-5
Past Use:	RAIL ROAD MAINTENANCE SHOP, RAILROAD RIGHT OF WAY
Potential COC:	Arsenic Lead TPH-diesel TPH-MOTOR OIL
Confirmed COC:	TPH-diesel Arsenic Lead TPH-MOTOR OIL
Potential Description:	SOIL
Alias Name:	Former UP Property
Alias Type:	Alternate Name

NILES SQUARE (Continued) **S106044361**

Alias Name: NILES SQUARE
Alias Type: Alternate Name
Alias Name: Niles Town Square
Alias Type: Alternate Name
Alias Name: 507-828-3
Alias Type: APN
Alias Name: 507-828-4
Alias Type: APN
Alias Name: 507-828-5
Alias Type: APN
Alias Name: 110033611802
Alias Type: EPA (FRS #)
Alias Name: 201486
Alias Type: Project Code (Site Code)
Alias Name: 01400016
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/28/2006
Comments: Not reported

Completed Area Name: Phase 1 Town Square
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 05/15/2008
Comments: Approved the Phase I Remedial Action Completion Report. The Phase I area is planned for a town plaza development.

Completed Area Name: Phase 1 Town Square
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 01/04/2007
Comments: Approved Remedial Design for town square cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 11/14/2005
Comments: Amended Agreement for site cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 08/08/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 09/28/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification

NILES SQUARE (Continued) **S106044361**

Completed Date:	06/29/2012
Comments:	Certification by DTSC of the remediation of the Niles Square Site (Phases 1 and 2). The City of Fremont cleaned up the Site to unrestricted land use standards. Approximately 40,000 tons of contaminated soil was removed from the Site during the cleanup.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement Termination Notification
Completed Date:	07/26/2012
Comments:	EOA with the City of Fremont terminated by DTSC, as the site has been remediated and certified.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/04/2011
Comments:	Annual cost estimate letter for DTSC oversight costs for the fiscal year 2011-12 was mailed to the city of Fremont.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	07/20/2012
Comments:	Demand letter #1
Completed Area Name:	Phase 2 Residential/Commercial Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	06/29/2012
Comments:	DTSC approved the Phase 2 completion report for the site. The Phase 2 area was remediated to unrestricted land use standards. Soil contaminated with lead, arsenic, and TPH was removed from the site.
Completed Area Name:	Phase 2 Residential/Commercial Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	12/15/2011
Comments:	Not reported
Completed Area Name:	Phase 2 Residential/Commercial Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	01/29/2010
Comments:	Final Phase II RDIP approved for the Niles Square site. Approximately 25,000 tons of contaminated soil will be removed from the site, and 15,000 tons of clean import fill brought to the site during the Phase II cleanup.
Completed Area Name:	Phase 1 Town Square
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	09/13/2007
Comments:	Not reported
Completed Area Name:	Phase 1 Town Square
Completed Sub Area Name:	Not reported

NILES SQUARE (Continued) **S106044361**

Completed Document Type: Public Notice
Completed Date: 09/13/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/13/2010
Comments: Amendment #3 to the Environmental Oversight Agreement with the City of Fremont was fully executed on October 13, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/11/2009
Comments: Annual cost estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/05/2010
Comments: DTSC's estimated oversight costs for the 2010-11 fiscal year were sent to the city of Fremont.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/09/2006
Comments: Not reported

Completed Area Name: Phase 2 Residential/Commercial Area
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 08/30/2010
Comments: Pacific States Environmental submitted several addenda to the RDIP for the Phase 2 cleanup of the Site. DTSC approved the revised Decontamination Plan Addendum and the Traffic Control and Waste Transportation Plan Addendum. DTSC also found the SWPPP Amendment and revised Site-specific Health and Safety Plan submitted by Pacific States adequate for their intended purposes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 07/17/2006
Comments: DTSC approved the public participation plan.

Completed Area Name: Phase 1 Town Square
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/21/2007
Comments: All work completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/09/2006

NILES SQUARE (Continued) **S106044361**

Comments:	Not reported
Completed Area Name:	Phase 2 Residential/Commercial Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	04/06/2010
Comments:	The Alameda County Water District approved the destruction of wells at the Site, prior to implementation of the Phase II remediation.
Completed Area Name:	Phase 1 Town Square
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	05/28/2008
Comments:	DTSC issued Phase I remedial action certification. The 1.7-acre Phase I Area of the Site has been remediated with no further action required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	08/21/2003
Comments:	Signed Agreement for site investigation.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Consultation
Completed Date:	03/22/2004
Comments:	Completed VCA consultation/site investigation.
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:	NILES SQUARE
Address:	37482 - 37862 NILES BLVD
City,State,Zip:	FREMONT, CA 94536
Facility ID:	01400016
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Agreement
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	6.8
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Site Code:	201486
Assembly:	20

NILES SQUARE (Continued) **S106044361**

Senate:	10
Special Programs Code:	Voluntary Agreement - Standard Voluntary Agreement
Status:	Certified
Status Date:	06/29/2012
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.57696 / -121.9780
APN:	507-828-3, 507-828-4, 507-828-5
Past Use:	RAIL ROAD MAINTENANCE SHOP, RAILROAD RIGHT OF WAY
Potential COC:	30001, 30013, 30024, 3002502
Confirmed COC:	30024,30001,30013,3002502
Potential Description:	SOIL
Alias Name:	Former UP Property
Alias Type:	Alternate Name
Alias Name:	NILES SQUARE
Alias Type:	Alternate Name
Alias Name:	Niles Town Square
Alias Type:	Alternate Name
Alias Name:	507-828-3
Alias Type:	APN
Alias Name:	507-828-4
Alias Type:	APN
Alias Name:	507-828-5
Alias Type:	APN
Alias Name:	110033611802
Alias Type:	EPA (FRS #)
Alias Name:	201486
Alias Type:	Project Code (Site Code)
Alias Name:	01400016
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Plan
Completed Date:	09/28/2006
Comments:	Not reported
Completed Area Name:	Phase 1 Town Square
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Completion Report
Completed Date:	05/15/2008
Comments:	Approved the Phase I Remedial Action Completion Report. The Phase I area is planned for a town plaza development.
Completed Area Name:	Phase 1 Town Square
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	01/04/2007
Comments:	Approved Remedial Design for town square cleanup.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Amendment - Order/Agreement
Completed Date:	11/14/2005
Comments:	Amended Agreement for site cleanup.
Completed Area Name:	PROJECT WIDE

NILES SQUARE (Continued) **S106044361**

Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 08/08/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 09/28/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/29/2012
Comments: Certification by DTSC of the remediation of the Niles Square Site (Phases 1 and 2). The City of Fremont cleaned up the Site to unrestricted land use standards. Approximately 40,000 tons of contaminated soil was removed from the Site during the cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 07/26/2012
Comments: EOA with the City of Fremont terminated by DTSC, as the site has been remediated and certified.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/04/2011
Comments: Annual cost estimate letter for DTSC oversight costs for the fiscal year 2011-12 was mailed to the city of Fremont.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 07/20/2012
Comments: Demand letter #1

Completed Area Name: Phase 2 Residential/Commercial Area
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/29/2012
Comments: DTSC approved the Phase 2 completion report for the site. The Phase 2 area was remediated to unrestricted land use standards. Soil contaminated with lead, arsenic, and TPH was removed from the site.

Completed Area Name: Phase 2 Residential/Commercial Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/15/2011
Comments: Not reported

Completed Area Name: Phase 2 Residential/Commercial Area
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan

NILES SQUARE (Continued) **S106044361**

Completed Date:	01/29/2010
Comments:	Final Phase II RDIP approved for the Niles Square site. Approximately 25,000 tons of contaminated soil will be removed from the site, and 15,000 tons of clean import fill brought to the site during the Phase II cleanup.
Completed Area Name:	Phase 1 Town Square
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	09/13/2007
Comments:	Not reported
Completed Area Name:	Phase 1 Town Square
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	09/13/2007
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	10/13/2010
Comments:	Amendment #3 to the Environmental Oversight Agreement with the City of Fremont was fully executed on October 13, 2010.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	08/11/2009
Comments:	Annual cost estimate
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	08/05/2010
Comments:	DTSC's estimated oversight costs for the 2010-11 fiscal year were sent to the city of Fremont.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	08/09/2006
Comments:	Not reported
Completed Area Name:	Phase 2 Residential/Commercial Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	08/30/2010
Comments:	Pacific States Environmental submitted several addenda to the RDIP for the Phase 2 cleanup of the Site. DTSC approved the revised Decontamination Plan Addendum and the Traffic Control and Waste Transportation Plan Addendum. DTSC also found the SWPPP Amendment and revised Site-specific Health and Safety Plan submitted by Pacific States adequate for their intended purposes.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

NILES SQUARE (Continued) **S106044361**

Completed Document Type:	Public Participation Plan / Community Relations Plan
Completed Date:	07/17/2006
Comments:	DTSC approved the public participation plan.
Completed Area Name:	Phase 1 Town Square
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	12/21/2007
Comments:	All work completed
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	08/09/2006
Comments:	Not reported
Completed Area Name:	Phase 2 Residential/Commercial Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	04/06/2010
Comments:	The Alameda County Water District approved the destruction of wells at the Site, prior to implementation of the Phase II remediation.
Completed Area Name:	Phase 1 Town Square
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	05/28/2008
Comments:	DTSC issued Phase I remedial action certification. The 1.7-acre Phase I Area of the Site has been remediated with no further action required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	08/21/2003
Comments:	Signed Agreement for site investigation.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Consultation
Completed Date:	03/22/2004
Comments:	Completed VCA consultation/site investigation.
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

54
West
1/2-1
0.815 mi.
4301 ft.

WEED PROPERTY
37266-37268 NILES BOULEVARD
FREMONT, CA 94536

ENVIROSTOR **S107737592**
N/A

Actual:
73 ft.

Focus Map:
11

ENVIROSTOR:

Name:	WEED PROPERTY
Address:	37266-37268 NILES BOULEVARD
City,State,Zip:	FREMONT, CA 94536
Facility ID:	70000183
Status:	Inactive - Needs Evaluation
Status Date:	01/22/2007
Site Code:	201644
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	2.47
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.57768
Longitude:	-121.9810
APN:	507-0150-09
Past Use:	RAIL ROAD MAINTENANCE SHOP
Potential COC:	Arsenic
Confirmed COC:	30001-NO
Potential Description:	SOIL
Alias Name:	Niles Properties
Alias Type:	Alternate Name
Alias Name:	507-0150-09
Alias Type:	APN
Alias Name:	201644
Alias Type:	Project Code (Site Code)
Alias Name:	70000183
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	05/30/2007
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Access Agreement
Completed Date:	05/30/2007
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported

WEED PROPERTY (Continued) **S107737592**

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

55
SSE
1/2-1
0.825 mi.
4355 ft.

THE LANDING WEST (FORMER SHANNON TOWNHOMES) **ENVIROSTOR** **S120052843**
38861 AND 38873 MISSION BOULEVARD **VCP** **N/A**
FREMONT, CA 94536

Actual:
84 ft.

Focus Map:
12

ENVIROSTOR:

Name:	THE LANDING WEST (FORMER SHANNON TOWNHOMES)
Address:	38861 AND 38873 MISSION BOULEVARD
City,State,Zip:	FREMONT, CA 94536
Facility ID:	60002441
Status:	No Further Action
Status Date:	02/21/2017
Site Code:	202122
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	1.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Johnson Abraham
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	, 20
Senate:	, 10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.56756
Longitude:	-121.9639
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - LIVESTOCK, AGRICULTURAL - ORCHARD, RESIDENTIAL AREA
Potential COC:	Chlordane DDD DDE DDT Dioxin (as 2,3,7,8-TCDD TEQ
Confirmed COC:	Chlordane DDD DDE DDT Dioxin (as 2,3,7,8-TCDD TEQ
Potential Description:	SOIL
Alias Name:	202122
Alias Type:	Project Code (Site Code)
Alias Name:	60002441
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/07/2017
Comments:	Closeout Form 1554 submitted on 3/1/17 and processed by CRBU on 8/7/17; closeout complete.
Completed Area Name:	PROJECT WIDE

THE LANDING WEST (FORMER SHANNON TOWNHOMES) (Continued) **S120052843**

Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	12/13/2016
Comments:	Both parties signed the VCA.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight/Voluntary Cleanup Agreement
Completed Date:	12/13/2016
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	02/21/2017
Comments:	DTSC completed the PEA with a No Further Action.

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:	THE LANDING WEST (FORMER SHANNON TOWNHOMES)
Address:	38861 AND 38873 MISSION BOULEVARD
City,State,Zip:	FREMONT, CA 94536
Facility ID:	60002441
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Agreement
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Johnson Abraham
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	202122
Assembly:	, 20
Senate:	, 10
Special Programs Code:	Not reported
Status:	No Further Action
Status Date:	02/21/2017
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.56756 / -121.9639
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - LIVESTOCK, AGRICULTURAL - ORCHARD, RESIDENTIAL AREA
Potential COC:	30004, 30006, 30007, 30008, 30009
Confirmed COC:	30004,30006,30007,30008,30009
Potential Description:	SOIL

THE LANDING WEST (FORMER SHANNON TOWNHOMES) (Continued) **S120052843**

Alias Name: 202122
Alias Type: Project Code (Site Code)
Alias Name: 60002441
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 08/07/2017
Comments: Closeout Form 1554 submitted on 3/1/17 and processed by CRBU on 8/7/17; closeout complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 12/13/2016
Comments: Both parties signed the VCA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight/Voluntary Cleanup Agreement
Completed Date: 12/13/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/21/2017
Comments: DTSC completed the PEA with a No Further Action.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 145 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ALAMEDA	S118737024		S/B 680 NORTH OF MISSION BLVD. 262	94539	CHMIRS
ALAMEDA COUNTY	8722610		QUINN'S LANDING(REST.)NR: C.G. ISLAND		ERNS
ALAMEDA COUNTY	8868850		IN FRONT OF P-C'S HOME		ERNS
ALAMEDA COUNTY	S105631361		E/B 80 AT ALBANY EXIT		CHMIRS
ALAMEDA COUNTY	S105642243		B GATE, BLDG M 104 OAKLAND AIRPORT		CHMIRS
ALAMEDA COUNTY	S105630768		E/B 580 PRIOR TO HOPYARD O/C		CHMIRS
ALAMEDA COUNTY	S105630899		S.B 880 FRUITVILLE AVE "I" ST OIL RECOVERY TRUCK		CHMIRS
ALAMEDA COUNTY	S105630952		S B 880 SOUTH FREMONT BLVD OFF RAMP		CHMIRS
CASTRO VALLEY	S106395855		E/B 580 CROW CANYON RD.		CHMIRS
CASTRO VALLEY	S108403113		REDWOOD ONRAMP TO W/B 580		CHMIRS
CASTRO VALLEY	S108402107		PEARL ST. AT B ST.		CHMIRS
FREMONT	S124808299	TAXI TAXI	2878 UNIT A	94539	HWTS
FREMONT	S124722751	DRAGADOS FLATIRON SUKUT JOINT VENTURE (DFSJV)	12750 CALAVERAS ROAD, SUITE B	94539	HWTS
FREMONT	8714553		(RP)NEW UNITED MOTORS/A.FISHER		ERNS
FREMONT	8873188		NEW UNITED MOTORS (A. FISHER)		ERNS
FREMONT	8715228		ALAMEDA CITY CREEK @NILES CANYON RD		ERNS
FREMONT	S100277846		I-880 N/B NIMITZ INSPECTION FACILITY	94539	CHMIRS
FREMONT	S105653462		RAILROAD 33, NEAR FREMONT BLVD AND MAPLE BLVD		CHMIRS
FREMONT	S105640799		W/B 84, EAST OF PALOMARES, POST MILE 13.3		CHMIRS
FREMONT	S107452807		N?B 880 SOUTH OF THORTON		CHMIRS
FREMONT	S109041435		N/B 880 NORTH OF N. FREMONT BLVD		CHMIRS
FREMONT	S109045019		N/B 880 NORTH OF FREMONT BLVD		CHMIRS
FREMONT	S109046071		N/B 880 SOUTH OF DAKOTA RD.		CHMIRS
FREMONT	S105890315		S/B HIGHWAY 880 1/4 MILE SOUTH OF DECOTO ROAD		CHMIRS
FREMONT	S110423081		N/B 680 AT MISSION GRADE SCALES		CHMIRS
FREMONT	S109047984		MPM 33.2 MAIN LINE 1, NILES SUB-DIVISION. NEAREST CROSSING IS BLACOW ROAD	94536	CHMIRS
FREMONT	S110977628		MPM 30.10 ON THE NILES SUB	94536	CHMIRS
FREMONT	S128003626		MILE POST 32.5, NILES SUBDIVISION	94536	CHMIRS
FREMONT	S105659164		ALAMEDA CREEK IN NILES CANYON		CHMIRS
FREMONT	S105675518		RICHMOND BRIDGE NEAR 3500 NILES CYN. RD.		CHMIRS
FREMONT	S110424393		SUBDIVISION NILES MM 32 IN FREMONT		CHMIRS
FREMONT	S117742969		MP 32.54 NILES SUB		CHMIRS
FREMONT	S105665035		MAPLE STREET AT MP 32.2 OF THE NILES SUBDIVISION		CHMIRS
FREMONT	S117976436		WB HWY 84 AT NILES CANYON		CHMIRS
FREMONT	S107453575		SB MISSION BLVD (SR 238) AT NILES CANYON		CHMIRS
FREMONT	S116779180		SUB DIVISION NILES , MP 33.1.		CHMIRS
FREMONT	S117455075		HIGHWAY 84 AT NILES CANYON ROAD		CHMIRS
FREMONT	S127596685		MILEPOST MARKER #33.3 OF THE NILES SUBDIVISION		CHMIRS
FREMONT	S100221914		SR 238 S/O NILES CANYON		CHMIRS
FREMONT	S106392929		ALAMEDA CREEK AT NILES CANYON APPROX 1 MI EAST OF MISSION BLVD.		CHMIRS

Count: 145 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FREMONT	S105884704		NB I-880 JUST SOUTH OF ALVARADO NILES RD.		CHMIRS
FREMONT	S112828277		MP 28.54 OF THE NILES SUBDIVISION		CHMIRS
FREMONT	S126977487		NILES SUB MILE MARKER 29.7		CHMIRS
FREMONT	S128002684		MILE POST 32.19, NILES SUBDIVISION		CHMIRS
FREMONT	1023280909	VERIZON WIRELESS NILES CANYON	38000 UNIT-B PALOMARES CANYON RD	94539	FINDS
FREMONT	1027063053	WEST COAST QUARTZ	2718 PRUNE AVE STE B	94539	FINDS
FREMONT	1023248067	MISSION CLAY PRODUCTS CORPORATION	2225 OLD CANYON ROAD	94536	FINDS
FREMONT	S118229537	SWIFT TRANSPORTATION CORPORATION	S/B I-680 NEAR MM 14/15	94539	HAZNET, HWTS
FREMONT	S123750153	1X FREMONT UNIFIED SCHOOL DIST	NILES ELEMENTARY SCHOOL	94538	HAZNET, HWTS
FREMONT	S126215527	MISSON CLAY PROPERTY	OLD NILES CANYON ROAD	94536	NPDES
FREMONT	S121622445	BART WARM SPRINGS EXTENSTION	ABANDONED UNION PACIFIC RAILROAD CORRIDOR		CIWQS
FREMONT	S121619090	ALAMEDA CREEK	MISSION BLVD & NILES BLVD	94538	CIWQS
FREMONT	S121643648	HENKEL TECHNOLOGIES SITE CLEARING	378999 NILES BLVD	94536	CIWQS
FREMONT	S121687340	UP RAILROAD NILES TO NEWARK	UP RAILROAD NILES TO NEWARK		CIWQS
HAYWARD	8714218		WEST "A" ST @ SOUTH GARDEN		ERNS
HAYWARD	2022351954		SUBDIVISION: NILES		ERNS
HAYWARD	2008452345	N/A	N/A		HMIRS
HAYWARD	S105669925		S/B 880 AT INDUSTRIAL		CHMIRS
HAYWARD	S105630139		C T PARKER CHEMICALS 945 ZEPHYR DR		CHMIRS
HAYWARD	S105636114		S B 880 AT RT 92		CHMIRS
HAYWARD	S105636223		ROUTE 92, E.B. AT THE CLAWITER ON RAMP		CHMIRS
HAYWARD	S105660614		I 880, MPM 18.7, NORTH OF A ST ONRAMP		CHMIRS
HAYWARD	S107452801		N/B 880 SOUTH OF HACIENDA		CHMIRS
HAYWARD	S124448211		NEAR INDUSTRIAL BLVD, RAILROAD MP 24.15		CHMIRS
HAYWARD	S106390533		VICINITY OF A ST AND HESPERIAN BLVD RESIDENTIAL AND COMMERCIAL AREA		CHMIRS
HAYWARD	S110978507		E/B 92 AT 880 CONNECTOR		CHMIRS
HAYWARD	S123298893		MP: 23.1 OF THE NILES SUB		CHMIRS
HAYWARD	S117976559		MILEPOST 22.5 OF THE NILES SUBDIVISION		CHMIRS
HAYWARD	S109047765		MPM 23.4 ON THE NILES SUB-DIVISION, HUNTWOOD AVE JSO SHEPHERD AVE		CHMIRS
HAYWARD	S109046275		MPM 21.50 OF THE NILES SUBDIVISION		CHMIRS
HAYWARD	S109047279		MILE POST 21.0 AOF THE NILES SUBDIVISION, VINCINITY OF ORCHARD AVE AND TRAYNOR ST		CHMIRS
HAYWARD	S124448207		MILEPOST MARKER #24.2 OF THE NILES SUBDIVISION		CHMIRS
HAYWARD	S117455216		TENNYSON CROSSING AT MP 23.03 OF THE NILES SUBDIVISION		CHMIRS
HAYWARD	S117455218		NILES SUD DIVISION, MP 23.1		CHMIRS
HAYWARD	S125737811		MP 22.6 OF THE NILES SUB		CHMIRS
HAYWARD	S111754295		MPM 21.02 OF THE NILES SUB DIVISION		CHMIRS
HAYWARD	S113472262		MPM 22 ON THE NILES SUB		CHMIRS
HAYWARD	S123298905		MILEPOST MARKER 19.8 OF THE NILES SUBDIVISION		CHMIRS
HAYWARD	S118738498		MP 22.25 OF THE NILES SUB		CHMIRS
HAYWARD	S105886218		MILE POST 23.5. NILES SUBDIVISION		CHMIRS
HAYWARD	S108403981		MM 23 ON THE NILES SUBDIVISION		CHMIRS
HAYWARD	S108404293		MP21 OF NILES SUBDIVISION		CHMIRS
HAYWARD	S108406697		MPM 20.02 NILES		CHMIRS
HAYWARD	S112830475		MILEPOST 24.5 OF THE NILES SUBDIVISION		CHMIRS

Count: 145 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HAYWARD	S125739640		VENTURA AVE, MP 21.93, SD NILES		CHMIRS
HAYWARD	S125739604		MILE POST 22.8 OF THE NILES SUB		CHMIRS
HAYWARD	S127393314		MILEPOST MARKER #21.75 OF THE NILES SUBDIVISION		CHMIRS
HAYWARD	S127393574		MP: 22.75 NILES SUB, TENNISON ROAD		CHMIRS
HAYWARD	S128202359		MILEPOST MARKER #23.03 OF THE NILES SUBDIVISION - WEST TENNYSON ROAD		CHMIRS
HAYWARD	S128003590		MP 22.5 OF THE NILES SUB		CHMIRS
HAYWARD	S128003580		MP 22.4 NILES SUBDIVISION		CHMIRS
HAYWARD	S121625649	C & GRAND ST SR HOUSING	C OF C & GRAND ST		CIWQS
PETALUMA	S121634917	DOWNTOWN CINEMA	PETALUMA BLVD BW B ST & C ST	94539	CIWQS
PETALUMA	S121663610	PETALUMA TOWN PARKING ORANGE	2 2ND ST BETWEEN C ST & D ST	94539	CIWQS
SUNOL	S124627175	EAST BAY REGIONAL PARK DISTRICT	12565 FOOTHILL RD.	94586	HWTS
SUNOL	S124631049	EAST BAY REGIONAL PARK DISTRICT	12565 FOOTHILL RD.	94586	HWTS
SUNOL	S124626670	STEPHEN QUICK	12565 FOOTHILL RD # A	94586	HWTS
SUNOL	A100422786	NILES CANYON RAILWAY	5550 NILES CANYON RD	94586	AST
SUNOL	S127798987	PACIFIC LOCOMOTIVE ASSOCIATION DBA NILES CANYON RAILWAY	5550 NILES CANYON RD	94586	HAULERS
SUNOL	S128003925		BOND ST & FOOTHILL RD, MP 36.17 OAKLAND SUBDIVISION.		CHMIRS
SUNOL	S118465736		5550 NILES CANYON ROAD	94586	CHMIRS
SUNOL	S105666001		HWY 84 IN NILES CANYON @ SUNOL		CHMIRS
SUNOL	S124449647		NILES CANYON RD, ONE MILE EO PALOMARES RD		CHMIRS
SUNOL	1024789477	PACIFIC LOCOMOTIVE ASSOCIATION DBA NILES CANYON RAILWAY	5550 NILES CANYON BLVD	94586	RCRA NonGen / NLR
SUNOL	1024822822	GOLDEN GATE RAILROAD MUSEUM (AT NILES CANYON RAILWAY)	5550 NILES CANYON RD	94586	RCRA NonGen / NLR
SUNOL	1008037992	TOWN OF SUNOL-SFPUC	N/A	94586	FINDS, ECHO
SUNOL	1023695192	GGRM AT NILES CANYON RAILWAY	5550 NILES CANYON ROAD	94586	FINDS, ECHO
SUNOL	1023695191	NILES CANYON RAILWAY	5550 NILES CANYON ROAD	94586	FINDS, ECHO
SUNOL	S106836625	OLIVER DE SILVA, INC	DMND A RNCH QRRY	94586	EMI
SUNOL	S118211619	STEPHEN QUICK	12565 FOOTHILL RD # B	94586	HAZNET, HWTS
SUNOL	S121677834	SUNOL AND NILES DAM REMOVAL	NILES CANYON HWY 84	94586	CIWQS
UNION CITY	S124769846	DONS QUALITY SHELL	31301 ALVARADO/NILES RD	94587	HWTS
UNION CITY	8714821		NR:ALVARADO-NILES RD & HOP RANCH RD		ERNS
UNION CITY	99506747		NILES SUBDIVISION		ERNS
UNION CITY	S106235235	CATELLUS DECOTO PROPERTIES	MISSION BLVD @ DECOTO RD		CPS-SLIC
UNION CITY	91070570		32900 ALVASADO NILES RD		HMIRS
UNION CITY	9998110102		32900 ALVARADON NILES BLVD		HMIRS
UNION CITY	S105653641		CITY CORP YARD,34900 ALVAREDO NILES	94587	CHMIRS
UNION CITY	S119000531		UPRR NILES SUBDIVISION, MP 25.5, SINGLE MAIN LINE - WHIPPLE AND RAILROAD AVE DOT GRADE CROSSING (DOT	94587	CHMIRS
UNION CITY	S111754617		SB 880 AT ALVARADO-NILES RD	94587	CHMIRS
UNION CITY	S124450248		NORTHBOUND 880 JUST SOUTH OF ALVARADO NILES ROAD	94587	CHMIRS
UNION CITY	S118188893		HARTNELL STREET X ALVARADO NILES BLVD	94587	CHMIRS
UNION CITY	S105653178		39000 ALVARADO NILES BLVD		CHMIRS
UNION CITY	S118188880		HARTNELL STREET & ALVARADO-NILES ROAD		CHMIRS
UNION CITY	S126114350		SB 880 ALVARADO NILES OFF RAMP		CHMIRS
UNION CITY	S105673903		NB 880 SOUTH OF ALVARADO NILES		CHMIRS

Count: 145 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
UNION CITY	S125740970		MP 26.2 NILES SUB, CLOSEST CROSS STREETS E ST. AND RAILROAD AVE.		CHMIRS
UNION CITY	S116777950		ALVARADO-NILES ROAD X INTERSTATE 880 OFFRAMP		CHMIRS
UNION CITY	S126978184		SUB: NILES MP: 25.6		CHMIRS
UNION CITY	S106400336		MPM 26.9 ON THE NILES SUBDIVISION		CHMIRS
UNION CITY	S110978676		NILES SUB-DIVISION AT MP 25.6		CHMIRS
UNION CITY	S123296121		MILEPOST MARKER 26.46 OF THE NILES SUBDIVISION		CHMIRS
UNION CITY	S118738783		I-880, SOUTH OF ALVARADO/NILES ROAD., MPM 12.861		CHMIRS
UNION CITY	S105884703		NB 880 JSO ALVARADO-NILES		CHMIRS
UNION CITY	S126327873		MPM 26.3 ON THE NILES SUB, CLOSEST CROSS STREET IS DEPOT STREET		CHMIRS
UNION CITY	1024803051	VEM GENERAL ENGINEERING INC	35218 ALAVARDO #101 NILES RD	94587	RCRA NonGen / NLR
UNION CITY	1016718576	TERMINIX COMMERCIAL	328980 ALVARADO NILES RD # 826	94587	FINDS
UNION CITY	1024665394	VEM GENERAL ENGINEERING INC	35218 ALAVARDO #101 NILES RD	94587	FINDS, ECHO
UNION CITY	1027001065	WAHE ALVARADO, LLC C/O HARPREET GREWAL	32351 ALVARADO NILES RD	94587	FINDS
UNION CITY	S112898322	RYLAND HOMES@ UNION CITY CORP YARD	34900 ALVARADO-NILES RD	94538	HAZNET, HWTS
UNION CITY	S123724017	1X B P OIL COMPANY #11119	31300 ALNARDO NILES	94587	HAZNET, HWTS
UNION CITY	S117713582	TRACT 7405 PACIFIC POINTE PHASE 2 & GREEN ST	BW DECOTO RD & NILES BLVD	94587	NPDES, CIWQS
UNION CITY	S121686993	UNION LANDING RETAIL CTR	DYER & ALVARDO NILES BLVD	94587	CIWQS
UNION CITY	S121619719	ALVARADO NILES BLVD AT ABREV	ALVARADO NILES BLVD AT ABREV	94587	CIWQS
UNION CITY	S121659837	NW COR I8080 & ALVARADO NILES	NW COR I8080 & ALVARADO NILES		CIWQS

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: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/10/2023
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: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/10/2023
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: 03/26/2023
Date Data Arrived at EDR: 03/28/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/24/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
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: 02/08/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 08/21/2023
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: 02/20/2023
Date Data Arrived at EDR: 02/21/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
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: 02/20/2023
Date Data Arrived at EDR: 02/21/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

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

Date of Government Version: 01/23/2023
Date Data Arrived at EDR: 01/24/2023
Date Made Active in Reports: 04/10/2023
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 01/23/2023
Date Data Arrived at EDR: 01/24/2023
Date Made Active in Reports: 04/10/2023
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/26/2023
Number of Days to Update: 78

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST: 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: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/30/2023
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
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
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 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 R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

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

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 07/31/2023
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: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

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

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 134

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/26/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

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

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

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

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 78

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Semi-Annually

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: 02/23/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/26/2023
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 134

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
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: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/13/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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

Date of Government Version: 01/23/2023
Date Data Arrived at EDR: 01/24/2023
Date Made Active in Reports: 04/10/2023
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 06/06/2023
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/14/2023
Next Scheduled EDR Contact: 10/02/2023
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: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 78

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 83

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/31/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
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: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

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

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

SCH: School Property Evaluation Program

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

Date of Government Version: 01/23/2023
Date Data Arrived at EDR: 01/24/2023
Date Made Active in Reports: 04/10/2023
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 08/07/2023
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: 12/31/2020
Date Data Arrived at EDR: 11/30/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 06/21/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 01/05/2023
Date Data Arrived at EDR: 01/06/2023
Date Made Active in Reports: 01/11/2023
Number of Days to Update: 5
Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

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

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 02/03/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/25/2023
Number of Days to Update: 77
Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
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: 01/06/2023
Date Data Arrived at EDR: 01/06/2023
Date Made Active in Reports: 01/11/2023
Number of Days to Update: 5

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
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: 02/23/2023
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 03/23/2023
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/11/2023
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: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
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: 03/19/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
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: 08/02/2022
Date Data Arrived at EDR: 10/17/2022
Date Made Active in Reports: 01/04/2023
Number of Days to Update: 79

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 07/31/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/30/2023
Number of Days to Update: 23

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
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: 02/01/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 77

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/16/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/11/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/21/2023
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: 03/13/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/01/2023
Next Scheduled EDR Contact: 08/14/2023
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: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/16/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 75

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/19/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 01/17/2023
Date Data Arrived at EDR: 01/18/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 91

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
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: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 06/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 08/14/2023
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: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/15/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

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

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

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

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/22/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
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 Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 85

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
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: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
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: 04/06/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/22/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

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: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
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: 03/17/2023
Date Data Arrived at EDR: 03/17/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 74

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/13/2023
Next Scheduled EDR Contact: 09/18/2023
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: 02/02/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 24

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/25/2023
Date Data Arrived at EDR: 03/31/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 64

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 07/17/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/05/2023
Number of Days to Update: 59

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/23/2023
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 06/06/2023
Number of Days to Update: 77
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/14/2023
Next Scheduled EDR Contact: 10/02/2023
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: 12/07/2021
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 05/17/2022
Number of Days to Update: 8
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

DRYCLEAN NO SONOMA CO DIST: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER CO DIST: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA DIST: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432
Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE CO DIST: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1469
Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS CO DIST: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412
Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN EAST KERN DIST: Eastern Kern Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN CO DIST: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 816
Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL CO DIST: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 05/14/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1445
Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN LAKE CO DIST: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455
Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDO CO DIST: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1441
Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE DESERT DIST: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTEREY BAY DIST: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO COAST UNIFIED DIST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SIERRA DIST: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455
Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO CO DIST: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 02/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1461
Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO METO DIST: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1467
Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB CO DIST: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQ VAL DIST: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/03/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1459
Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB CO DIST: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 04/23/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1467
Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA CO DIST: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA CO DIST: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO DIST: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 05/31/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1425
Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RIVER DIST: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88
Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 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: 06/21/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Annually

DRYCLEAN VENTURA CO DIST: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 02/17/2023
Date Data Arrived at EDR: 02/17/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 81
Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/23/2023
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/15/2023
Number of Days to Update: 80
Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 78
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/09/2023
Next Scheduled EDR Contact: 09/25/2023
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: 01/10/2023
Date Data Arrived at EDR: 01/18/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 76
Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 01/11/2023
Date Data Arrived at EDR: 01/17/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 77
Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 06/28/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

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

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/15/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 83
Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICE: ICE
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/08/2023
Number of Days to Update: 83
Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/16/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/08/2023
Number of Days to Update: 83
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/16/2023
Next Scheduled EDR Contact: 08/28/2023
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: 04/03/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 84
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

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: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/23/2023
Number of Days to Update: 77
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 01/09/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/28/2023
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/22/2023
Number of Days to Update: 83

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
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: 03/09/2023
Date Data Arrived at EDR: 03/10/2023
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 75

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Annually

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: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

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

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

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

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/13/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
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: 02/27/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/05/2023
Date Data Arrived at EDR: 01/06/2023
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 4

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
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: 04/05/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI
Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
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: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: No Update Planned

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

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

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 03/29/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 75

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
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: 01/31/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 76

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/17/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 06/06/2023
Number of Days to Update: 77

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

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

Date of Government Version: 12/28/2022
Date Data Arrived at EDR: 01/24/2023
Date Made Active in Reports: 04/10/2023
Number of Days to Update: 76

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
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: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/08/2023
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 06/28/2023
Number of Days to Update: 75

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 01/30/2023
Date Data Arrived at EDR: 02/01/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/04/2023
Date Data Arrived at EDR: 05/11/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 34

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/31/2023
Number of Days to Update: 34

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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

Source: N/A
Telephone: N/A
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/06/2023
Date Made Active in Reports: 06/26/2023
Number of Days to Update: 81

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/10/2023
Date Data Arrived at EDR: 04/11/2023
Date Made Active in Reports: 06/26/2023
Number of Days to Update: 76

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/11/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
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
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/14/2023
Next Scheduled EDR Contact: 10/02/2023
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: 01/10/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 04/04/2022
Number of Days to Update: 82

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
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: 11/01/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/07/2023
Number of Days to Update: 83

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/22/2023
Next Scheduled EDR Contact: 10/02/2023
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: 11/01/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/07/2023
Number of Days to Update: 83

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/22/2023
Next Scheduled EDR Contact: 10/02/2023
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
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

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

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 42

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/21/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

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

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
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: 06/21/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

NAPA COUNTY:

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

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 01/23/2023
Date Data Arrived at EDR: 01/25/2023
Date Made Active in Reports: 04/10/2023
Number of Days to Update: 75

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

ORANGE COUNTY:

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

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 89

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Annually

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

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/04/2023
Number of Days to Update: 84

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

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

Date of Government Version: 04/01/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 27

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
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: 08/26/2022
Date Data Arrived at EDR: 08/29/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 78

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
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: 04/10/2023
Date Data Arrived at EDR: 04/12/2023
Date Made Active in Reports: 06/28/2023
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Quarterly

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

Date of Government Version: 04/10/2023
Date Data Arrived at EDR: 04/12/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 62

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

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

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

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

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/04/2023
Number of Days to Update: 84

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

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

Date of Government Version: 02/15/2023
Date Data Arrived at EDR: 02/15/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 83

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/04/2023
Date Data Arrived at EDR: 04/05/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

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

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 02/03/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/26/2023
Number of Days to Update: 78

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

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

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
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: 04/28/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 05/03/2023
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 10/11/2022
Date Data Arrived at EDR: 10/14/2022
Date Made Active in Reports: 01/04/2023
Number of Days to Update: 82

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

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

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/09/2023
Date Data Arrived at EDR: 02/10/2023
Date Made Active in Reports: 05/05/2023
Number of Days to Update: 84

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
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: 06/08/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Annually

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

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 05/31/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28
Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/10/2023
Date Data Arrived at EDR: 02/10/2023
Date Made Active in Reports: 05/05/2023
Number of Days to Update: 84
Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

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

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22
Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

SOLANO COUNTY:

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

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/13/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Varies

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

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/13/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 11/17/2022
Date Data Arrived at EDR: 11/21/2022
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 81

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 06/28/2023
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
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: 12/27/2022
Date Data Arrived at EDR: 01/26/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 83

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/17/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Quarterly

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/21/2023
Next Scheduled EDR Contact: 10/09/2023
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: 05/03/2023
Next Scheduled EDR Contact: 08/21/2023
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: 12/27/2022
Date Data Arrived at EDR: 01/26/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 83

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/17/2023
Next Scheduled EDR Contact: 07/31/2023
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: 05/26/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 12

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 56

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/21/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/26/2023
Date Data Arrived at EDR: 01/27/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 82

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/07/2023
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: 11/16/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/06/2023
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/10/2022
Next Scheduled EDR Contact: 08/28/2023
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: 06/01/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

STREET AND ADDRESS INFORMATION

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Niles Canyon Pedestrian Trail
Fremont, CA 94539

Inquiry Number: 07378454.10w
June 30, 2023

EDR DataMap™ Well Search Report

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

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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GEOCHECK VERSION 2.1
SUMMARY

FEDERAL DATABASE WELL INFORMATION

MAP ID	WELL ID
7	USGS40000183881
13	USGS40000183834

STATE WATER WELL INFORMATION

MAP ID	WELL ID
1	CADDW0000002608
2	CAEDF0000105552
2	CAEDF0000077583
2	CAEDF0000055922
2	CAEDF0000074209
2	CAEDF0000046731
2	CAEDF0000034444
2	CAEDF0000134970
2	CAEDF0000078895
2	CAEDF0000083922
2	CAEDF0000083521
2	CAEDF0000056105
3	4738
4	CADDW0000022956
4	CADDW0000007882
5	CAEDF0000138137
5	CAEDF0000067915
5	CAEDF0000080331
5	CAEDF0000139033
5	CAEDF0000055868
5	CAEDF0000130475
5	CAEDF0000060733
5	CAEDF0000113284
5	CAEDF0000038902
5	CAEDF0000111995
5	CAEDF0000079715
5	CAEDF0000042353
5	CAEDF0000068776
5	CAEDF0000066942
5	CAEDF0000021858
5	CAEDF0000051394
5	CAEDF0000055236
5	CAEDF0000117169
5	CAEDF0000137904
5	CAEDF0000036910
5	CAEDF0000130761
5	CAEDF0000095062
5	CAEDF0000076125
5	CAEDF0000133175
5	CAEDF0000015764
5	CAEDF0000036428
5	CAEDF0000120095
5	CAEDF0000091929
5	CAEDF0000073087
5	CAEDF0000039635
5	CAEDF0000036962

GEOCHECK VERSION 2.1
SUMMARY

STATE WATER WELL INFORMATION

MAP ID	WELL ID
5	CAEDF0000122920
5	CAEDF0000046476
5	CAEDF0000064099
5	CAEDF0000040656
5	CAEDF0000042695
5	CAEDF0000078788
5	CAEDF0000048393
5	CAEDF0000053555
5	CAEDF0000080280
5	CAEDF0000078192
5	CAEDF0000102219
5	CAEDF0000113147
5	CAEDF0000088927
5	CAEDF0000081041
5	CAEDF0000040948
5	CAEDF0000046380
5	CAEDF0000114735
5	CAEDF0000072428
5	CAEDF0000080013
5	CAEDF0000115494
5	CAEDF0000067907
5	CAEDF0000058204
5	CAEDF0000101388
5	CAEDF0000060448
5	CAEDF0000023654
5	CAEDF0000052591
5	CAEDF0000132269
5	CAEDF0000036145
5	CAEDF0000005970
5	CAEDF0000075476
5	CAEDF0000136379
5	CAEDF0000119944
6	CAEDF0000060034
6	CAEDF0000120939
6	CAEDF0000099932
6	CAEDF0000116088
6	CAEDF0000031257
6	CAEDF0000120208
6	CAEDF0000064426
6	CAEDF0000067052
6	CAEDF0000035979
6	CAEDF0000109081
6	CAEDF0000121521
6	CAEDF0000035578
7	CAUSGSN00003778
8	CADWR0000037152
9	CADWR0000037139
9	CADWR0000015540
10	CADWR0000009682
10	CADWR0000026429
11	CADWR0000012998
12	CAEDF0000066303
12	CAEDF0000090092
12	CAEDF0000132445

GEOCHECK VERSION 2.1
SUMMARY

STATE WATER WELL INFORMATION

MAP ID	WELL ID
12	CAEDF0000087190
12	CAEDF0000127970
12	CAEDF0000009330

PUBLIC WATER SUPPLY SYSTEM INFORMATION

NO WELLS FOUND

USGS TOPOGRAPHIC MAP(S)

37121-E7 LA COSTA VALLEY, CA
37121-E8 NILES, CA

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 94586

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.900 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

Federal Area Radon Information for Zip Code: 94587

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.700 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

Federal Area Radon Information for Zip Code: 94536

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.500 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

Federal Area Radon Information for Zip Code: 94539

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.900 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

GEOCHECK VERSION 2.1
SUMMARY

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 94538

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.300 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

Federal EPA Radon Zone for ALAMEDA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ALAMEDA COUNTY, CA

Number of sites tested: 49

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.776 pCi/L	100%	0%	0%
Living Area - 2nd Floor	-0.400 pCi/L	100%	0%	0%
Basement	1.338 pCi/L	100%	0%	0%

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Water Well Information:

Map ID:	7		
Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S001W21F001M	Type:	Well
Description:	Not Reported	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Alluvial Fan Deposits	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Map ID:	13		
Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S001W21R002M	Type:	Well
Description:	Not Reported	HUC:	18050003
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Quaternary Alluvium	Aquifer Type:	Not Reported
Construction Date:	19460101	Well Depth:	102
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

State Well Information:

Map ID: 1
Well ID: 0110019-001 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: CHURCH WELL GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=0110019-001&store_num=
GeoTracker Data: Not Reported

Map ID: 2
Well ID: T0600165351-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=T0600165351&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600165351&assigned_name=MW-4

Map ID: 2
Well ID: T0600165351-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=T0600165351&assigned_name=MW-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600165351&assigned_name=MW-5

Map ID: 2
Well ID: T0600165351-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=T0600165351&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600165351&assigned_name=MW-1

Map ID: 2
Well ID: T0600165351-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=T0600165351&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600165351&assigned_name=MW-2

Map ID: 2

Well ID:	T0600165351-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=T0600165351&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600165351&assigned_name=MW-3		

Map ID:	2		
Well ID:	T0600165351-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600165351&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600165351&assigned_name=MW-6		

Map ID:	2		
Well ID:	T0600165351-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=T0600165351&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600165351&assigned_name=MW-8		

Map ID:	2		
Well ID:	T0600165351-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600165351&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600165351&assigned_name=MW-10		

Map ID:	2		
Well ID:	T0600165351-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600165351&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600165351&assigned_name=MW-7		

Map ID:	2		
Well ID:	T0600165351-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600165351&assigned_name=MW-11&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600165351&assigned_name=MW-11

Map ID: 2
Well ID: T0600165351-MW-9 Well Type: MONITORING
Source: EDF Other Name: MW-9
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600165351&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600165351&assigned_name=MW-9

Map ID: 3
Seq: 4738 Prim sta c: 04S/01E-17G02 M
Frds no: 3810001013 County: 38
District: 04 User id: ENG
System no: 3810001 Water type: G
Source nam: SUNOL WATER TEMPLE Station ty: WELL/AMBNT/MUN/INTAKE
Latitude: 373510.0 Longitude: 1215310.0
Precision: 3 Status: AR
Comment 1: Not Reported Comment 2: Not Reported
Comment 3: Not Reported Comment 4: Not Reported
Comment 5: Not Reported Comment 6: Not Reported
Comment 7: Not Reported

System no: 3810001 System nam: Sf Public Utilities Commission
Hqname: Not Reported Address: 1155 MARKET ST.
City: SAN FRANCISCO State: CA
Zip: 94103 Zip ext: Not Reported
Pop serv: 750000 Connection: 160830
Area serve: Not Reported

Map ID: 4
Well ID: 0110001-028 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: SCHINN 01 - DESTROYED GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=0110001-028&store_num=
GeoTracker Data: Not Reported

Map ID: 4
Well ID: 0110001-002 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: I STREET - DESTROYED GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=0110001-002&store_num=
GeoTracker Data: Not Reported

Map ID: 5

Well ID: SL0600178588-UPNCGB0204 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0204
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0204&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0204

Map ID: 5
Well ID: SL0600178588-UPNCGB0203 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0203
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0203&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0203

Map ID: 5
Well ID: SL0600178588-UPNCGB0300 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0300
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0300&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0300

Map ID: 5
Well ID: SL0600178588-UPNCGB0301 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0301
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0301&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0301

Map ID: 5
Well ID: SL0600178588-UPNCMW0105 Well Type: MONITORING
Source: EDF Other Name: UPNCMW0105
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCMW0105&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCMW0105

Map ID: 5
Well ID: SL0600178588-UPNCGB0322 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0322

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0322&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0322

Map ID: 5
Well ID: SL0600178588-UPNCGB0323 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0323
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0323&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0323

Map ID: 5
Well ID: SL0600178588-UPNCGB0201 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0201
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0201&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0201

Map ID: 5
Well ID: SL0600178588-UPNCMW0109 Well Type: MONITORING
Source: EDF Other Name: UPNCMW0109
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCMW0109&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCMW0109

Map ID: 5
Well ID: SL0600178588-UPNCGB0206 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0206
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0206&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0206

Map ID: 5
Well ID: SL0600178588-UPNCMW0106 Well Type: MONITORING
Source: EDF Other Name: UPNCMW0106
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCMW0106&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCMW0106

Map ID: 5
Well ID: SL0600178588-UPNCGB0304 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0304
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0304&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0304

Map ID: 5
Well ID: SL0600178588-UPNCGB0315 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0315
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0315&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0315

Map ID: 5
Well ID: SL0600178588-MIP5GB Well Type: MONITORING
Source: EDF Other Name: MIP5GB
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=MIP5GB&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=MIP5GB

Map ID: 5
Well ID: SL0600178588-UPNCGB0305 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0305
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0305&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0305

Map ID: 5
Well ID: SL0600178588-MIP8GB Well Type: MONITORING
Source: EDF Other Name: MIP8GB
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=MIP8GB&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=MIP8GB

Map ID: 5

Well ID: SL0600178588-UPNCGB0316 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0316
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0316&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0316

Map ID: 5
Well ID: SL0600178588-UPNCGB0325 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0325
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0325&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0325

Map ID: 5
Well ID: SL0600178588-UPNCGB0306 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0306
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0306&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0306

Map ID: 5
Well ID: SL0600178588-UPNCGB0111 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0111
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0111&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0111

Map ID: 5
Well ID: SL0600178588-EW0100 Well Type: MONITORING
Source: EDF Other Name: EW0100
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=EW0100&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=EW0100

Map ID: 5
Well ID: SL0600178588-UPNCMW0100 Well Type: MONITORING
Source: EDF Other Name: UPNCMW0100

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCMW0100&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCMW0100

Map ID: 5
Well ID: SL0600178588-UPNCGB0402 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0402
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0402&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0402

Map ID: 5
Well ID: SL0600178588-UPNCGB0122 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0122
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0122&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0122

Map ID: 5
Well ID: SL0600178588-UPNCGB0123 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0123
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0123&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0123

Map ID: 5
Well ID: SL0600178588-UPNCGB0314 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0314
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0314&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0314

Map ID: 5
Well ID: SL0600178588-UPNCMW0110 Well Type: MONITORING
Source: EDF Other Name: UPNCMW0110
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCMW0110&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCMW0110

Map ID: 5
Well ID: SL0600178588-UPNCGB0317 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0317
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0317&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0317

Map ID: 5
Well ID: SL0600178588-UPNCGB0106 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0106
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0106&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0106

Map ID: 5
Well ID: SL0600178588-UPNCMW0104 Well Type: MONITORING
Source: EDF Other Name: UPNCMW0104
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCMW0104&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCMW0104

Map ID: 5
Well ID: SL0600178588-UPNCGB0400 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0400
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0400&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0400

Map ID: 5
Well ID: SL0600178588-MIP7GB Well Type: MONITORING
Source: EDF Other Name: MIP7GB
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=MIP7GB&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=MIP7GB

Map ID: 5

Well ID:	SL0600178588-UPNCMW0101	Well Type:	MONITORING
Source:	EDF	Other Name:	UPNCMW0101
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCMW0101&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCMW0101		

Map ID:	5		
Well ID:	SL0600178588-UPNCGB0121	Well Type:	MONITORING
Source:	EDF	Other Name:	UPNCGB0121
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0121&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0121		

Map ID:	5		
Well ID:	SL0600178588-UPNCMW0102	Well Type:	MONITORING
Source:	EDF	Other Name:	UPNCMW0102
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCMW0102&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCMW0102		

Map ID:	5		
Well ID:	SL0600178588-UPNCGB0126	Well Type:	MONITORING
Source:	EDF	Other Name:	UPNCGB0126
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0126&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0126		

Map ID:	5		
Well ID:	SL0600178588-UPNCMW0103	Well Type:	MONITORING
Source:	EDF	Other Name:	UPNCMW0103
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCMW0103&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCMW0103		

Map ID:	5		
Well ID:	SL0600178588-UPNCGB0318	Well Type:	MONITORING
Source:	EDF	Other Name:	UPNCGB0318

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0318&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0318

Map ID: 5
Well ID: SL0600178588-UPNCGB0205 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0205
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0205&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0205

Map ID: 5
Well ID: SL0600178588-UPNCGB0307 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0307
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0307&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0307

Map ID: 5
Well ID: SL0600178588-UPNCGB0326 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0326
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0326&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0326

Map ID: 5
Well ID: SL0600178588-UPNCGB0327 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0327
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0327&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0327

Map ID: 5
Well ID: SL0600178588-GB02 Well Type: MONITORING
Source: EDF Other Name: GB02
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=GB02&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=GB02

Map ID: 5
Well ID: SL0600178588-MIP17GB Well Type: MONITORING
Source: EDF Other Name: MIP17GB
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=MIP17GB&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=MIP17GB

Map ID: 5
Well ID: SL0600178588-UPNCGB0308 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0308
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0308&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0308

Map ID: 5
Well ID: SL0600178588-UPNCGB0200 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0200
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0200&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0200

Map ID: 5
Well ID: SL0600178588-UPNCMW0108 Well Type: MONITORING
Source: EDF Other Name: UPNCMW0108
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCMW0108&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCMW0108

Map ID: 5
Well ID: SL0600178588-UPNCGB0319 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0319
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0319&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0319

Map ID: 5

Well ID: SL0600178588-UPNCGB0310 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0310
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0310&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0310

Map ID: 5
Well ID: SL0600178588-UPNCGB0324 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0324
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0324&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0324

Map ID: 5
Well ID: SL0600178588-MIP13GB Well Type: MONITORING
Source: EDF Other Name: MIP13GB
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=MIP13GB&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=MIP13GB

Map ID: 5
Well ID: SL0600178588-UPNCMW0107 Well Type: MONITORING
Source: EDF Other Name: UPNCMW0107
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCMW0107&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCMW0107

Map ID: 5
Well ID: SL0600178588-UPNCGB0311 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0311
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0311&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0311

Map ID: 5
Well ID: SL0600178588-UPNCGB0312 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0312

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0312&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0312

Map ID: 5
Well ID: SL0600178588-UPNCGB0320 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0320
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0320&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0320

Map ID: 5
Well ID: SL0600178588-GB01 Well Type: MONITORING
Source: EDF Other Name: GB01
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=GB01&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=GB01

Map ID: 5
Well ID: SL0600178588-UPNCGB0313 Well Type: MONITORING
Source: EDF Other Name: UPNCGB0313
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=UPNCGB0313&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=UPNCGB0313

Map ID: 5
Well ID: T10000000328-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=T10000000328&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000328&assigned_name=MW-1

Map ID: 5
Well ID: SL0600178588-GB03 Well Type: MONITORING
Source: EDF Other Name: GB03
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=GB03&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=GB03

Map ID: 5
Well ID: T10000000328-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=T10000000328&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000328&assigned_name=MW-4

Map ID: 5
Well ID: T10000000328-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=T10000000328&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000328&assigned_name=MW-2

Map ID: 5
Well ID: T10000000328-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=T10000000328&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000328&assigned_name=MW-3

Map ID: 5
Well ID: SL0600178588-GB04 Well Type: MONITORING
Source: EDF Other Name: GB04
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0600178588&assigned_name=GB04&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0600178588&assigned_name=GB04

Map ID: 6
Well ID: T0600100921-MW-6 Well Type: MONITORING
Source: EDF Other Name: MW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600100921&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100921&assigned_name=MW-6

Map ID: 6

Well ID:	T0600100921-BH-S	Well Type:	MONITORING
Source:	EDF	Other Name:	BH-S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600100921&assigned_name=BH-S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100921&assigned_name=BH-S		

Map ID:	6		
Well ID:	T0600100921-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=T0600100921&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100921&assigned_name=MW-5		

Map ID:	6		
Well ID:	T0600100921-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=T0600100921&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100921&assigned_name=MW-2		

Map ID:	6		
Well ID:	T0600100921-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=T0600100921&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100921&assigned_name=MW-3		

Map ID:	6		
Well ID:	T0600100921-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=T0600100921&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100921&assigned_name=MW-1		

Map ID:	6		
Well ID:	T0600100921-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=T0600100921&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100921&assigned_name=MW-4

Map ID: 6
Well ID: T0600100921-BH-R
Well Type: MONITORING
Source: EDF
Other Name: BH-R
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600100921&assigned_name=BH-R&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100921&assigned_name=BH-R

Map ID: 6
Well ID: T0600100921-BH-W
Well Type: MONITORING
Source: EDF
Other Name: BH-W
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600100921&assigned_name=BH-W&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100921&assigned_name=BH-W

Map ID: 6
Well ID: T0600100921-BH-V
Well Type: MONITORING
Source: EDF
Other Name: BH-V
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600100921&assigned_name=BH-V&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100921&assigned_name=BH-V

Map ID: 6
Well ID: T0600100921-BH-U
Well Type: MONITORING
Source: EDF
Other Name: BH-U
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600100921&assigned_name=BH-U&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100921&assigned_name=BH-U

Map ID: 6
Well ID: T0600100921-BH-T
Well Type: MONITORING
Source: EDF
Other Name: BH-T
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600100921&assigned_name=BH-T&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100921&assigned_name=BH-T

Map ID: 7
Well ID: USGS-373424121584501 Well Type: UNK
Source: United States Geological Survey
Other Name: USGS-373424121584501 GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-373424121584501&store_num=
GeoTracker Data: Not Reported

Map ID: 8
Well ID: 04S01W21F002M Well Type: UNK
Source: Department of Water Resources
Other Name: 04S01W21F002M GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=04S01W21F002M&store_num=
GeoTracker Data: Not Reported

Map ID: 9
Well ID: 04S01W21K003M Well Type: UNK
Source: Department of Water Resources
Other Name: 04S01W21K003M GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=04S01W21K003M&store_num=
GeoTracker Data: Not Reported

Map ID: 9
Well ID: 04S01W21K002M Well Type: UNK
Source: Department of Water Resources
Other Name: 04S01W21K002M GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=04S01W21K002M&store_num=
GeoTracker Data: Not Reported

Map ID: 10
Well ID: 04S01W21J002M Well Type: UNK
Source: Department of Water Resources
Other Name: 04S01W21J002M GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=04S01W21J002M&store_num=
GeoTracker Data: Not Reported

Map ID: 10

Well ID: 04S01W21J001M
Well Type: UNK
Source: Department of Water Resources
Other Name: 04S01W21J001M
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=04S01W21J001M&store_num=
GeoTracker Data: Not Reported

Map ID: 11
Well ID: 04S01W22M002M
Well Type: UNK
Source: Department of Water Resources
Other Name: 04S01W22M002M
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=04S01W22M002M&store_num=
GeoTracker Data: Not Reported

Map ID: 12
Well ID: T10000002322-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=T10000002322&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002322&assigned_name=MW-2

Map ID: 12
Well ID: T10000002322-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=T10000002322&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002322&assigned_name=MW-1

Map ID: 12
Well ID: T0600100342-C-2
Well Type: MONITORING
Source: EDF
Other Name: C-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=T0600100342&assigned_name=C-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100342&assigned_name=C-2

Map ID: 12
Well ID: T0600100342-C-3
Well Type: MONITORING
Source: EDF
Other Name: C-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=T0600100342&assigned_name=C-3&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100342&assigned_name=C-3

Map ID: 12
Well ID: T10000002322-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=T10000002322&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002322&assigned_name=MW-4

Map ID: 12
Well ID: T10000002322-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=T10000002322&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002322&assigned_name=MW-3

CALIFORNIA GOVERNMENT WELL RECORDS SEARCHED

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

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.

STREET AND ADDRESS INFORMATION

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EDR DataMap® Well Search

Niles Canyon Pedestrian Trail

- Listed Water Wells
- Study Boundary
- Roads
- Major Roads
- Waterways
- Railroads
- Contour Lines
- Fault Lines
- Water
- Superfund Sites
- 100-Yr Flood Zones
- Wetlands



Fremont, CA

0 1/2 1

Scale in Miles

EDR Environmental Data Resources, Inc

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APPENDIX B

ENVIRONMENTAL DATA RESOURCES, INC.

Historical Topographic Map Report

Niles Canyon Pedestrian Trail

Niles Canyon Pedestrian Trail

Fremont, CA 94539

Inquiry Number: 7378454.5

June 30, 2023

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

06/30/23

Site Name:	Client Name:
Niles Canyon Pedestrian Trail	Engeo Inc.
Niles Canyon Pedestrian Trail	2010 Crow Canyon Place
Fremont, CA 94539	San Ramon, CA 94583
EDR Inquiry # 7378454.5	Contact: Jenna Keith

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Engeo Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: 17268.000.000

Coordinates:

Latitude:	37.597851 37° 35' 52" North
Longitude:	-121.9253 -121° 55' 31" West
UTM Zone:	Zone 10 North
UTM X Meters:	594870.15
UTM Y Meters:	4161740.16
Elevation:	215.89' above sea level

Maps Provided:

2018	1960, 1961
2015	1953
2012	1947
1980	1941
1978, 1980	1906
1973	
1968	
1961	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



Niles
2018
7.5-minute, 24000

2015 Source Sheets



Niles
2015
7.5-minute, 24000

2012 Source Sheets



Niles
2012
7.5-minute, 24000

1980 Source Sheets



Niles
1980
7.5-minute, 24000
Aerial Photo Revised 1978

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1978, 1980 Source Sheets



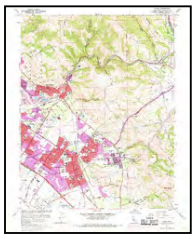
La Costa Valley
1978
7.5-minute, 24000
Aerial Photo Revised 1978

1973 Source Sheets



Niles
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets



Niles
1968
7.5-minute, 24000
Aerial Photo Revised 1968



La Costa Valley
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1961 Source Sheets



Niles
1961
7.5-minute, 24000
Aerial Photo Revised 1960

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1960, 1961 Source Sheets



La Costa Valley
1960
7.5-minute, 24000
Aerial Photo Revised 1960

1953 Source Sheets



La Costa Valley
1953
7.5-minute, 24000
Aerial Photo Revised 1948



Niles
1953
7.5-minute, 24000
Aerial Photo Revised 1948

1947 Source Sheets



PLEASANTON
1947
15-minute, 50000

1941 Source Sheets

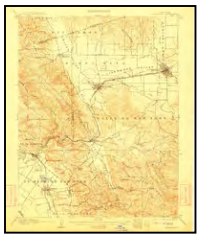


Pleasanton
1941
15-minute, 62500
Aerial Photo Revised 1937

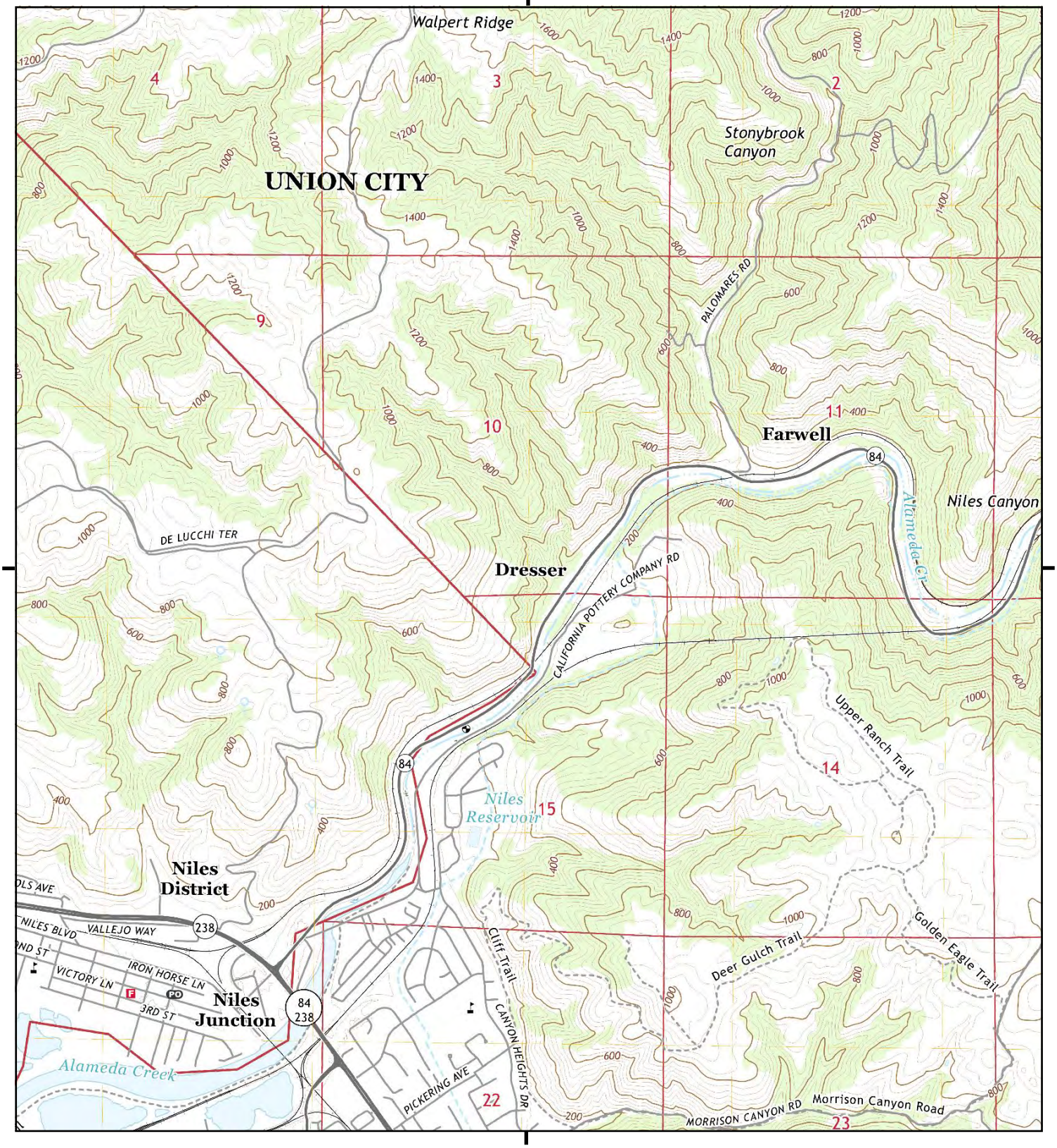
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1906 Source Sheets



Pleasanton
1906
15-minute, 62500



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

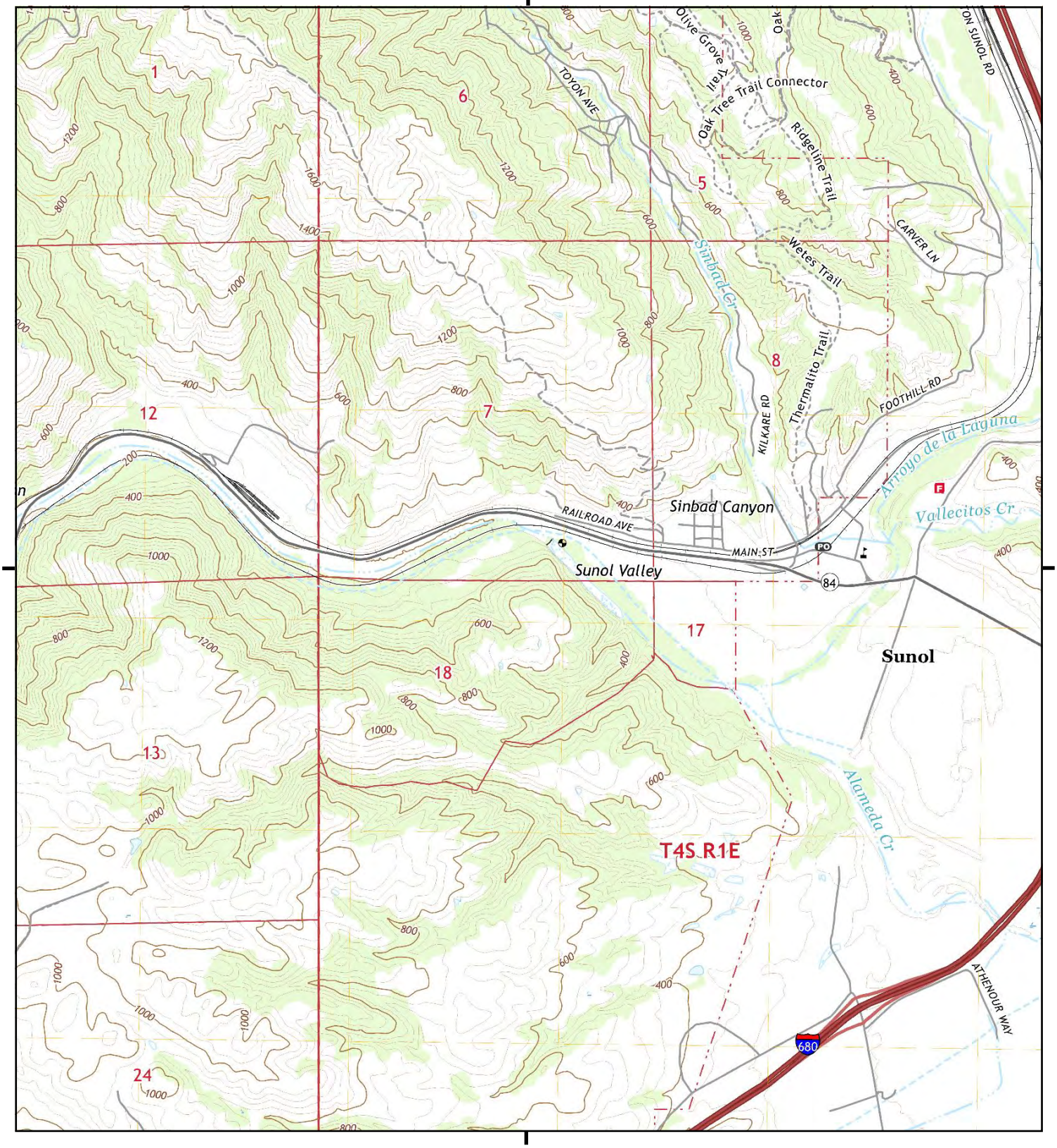
TP, Niles, 2018, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

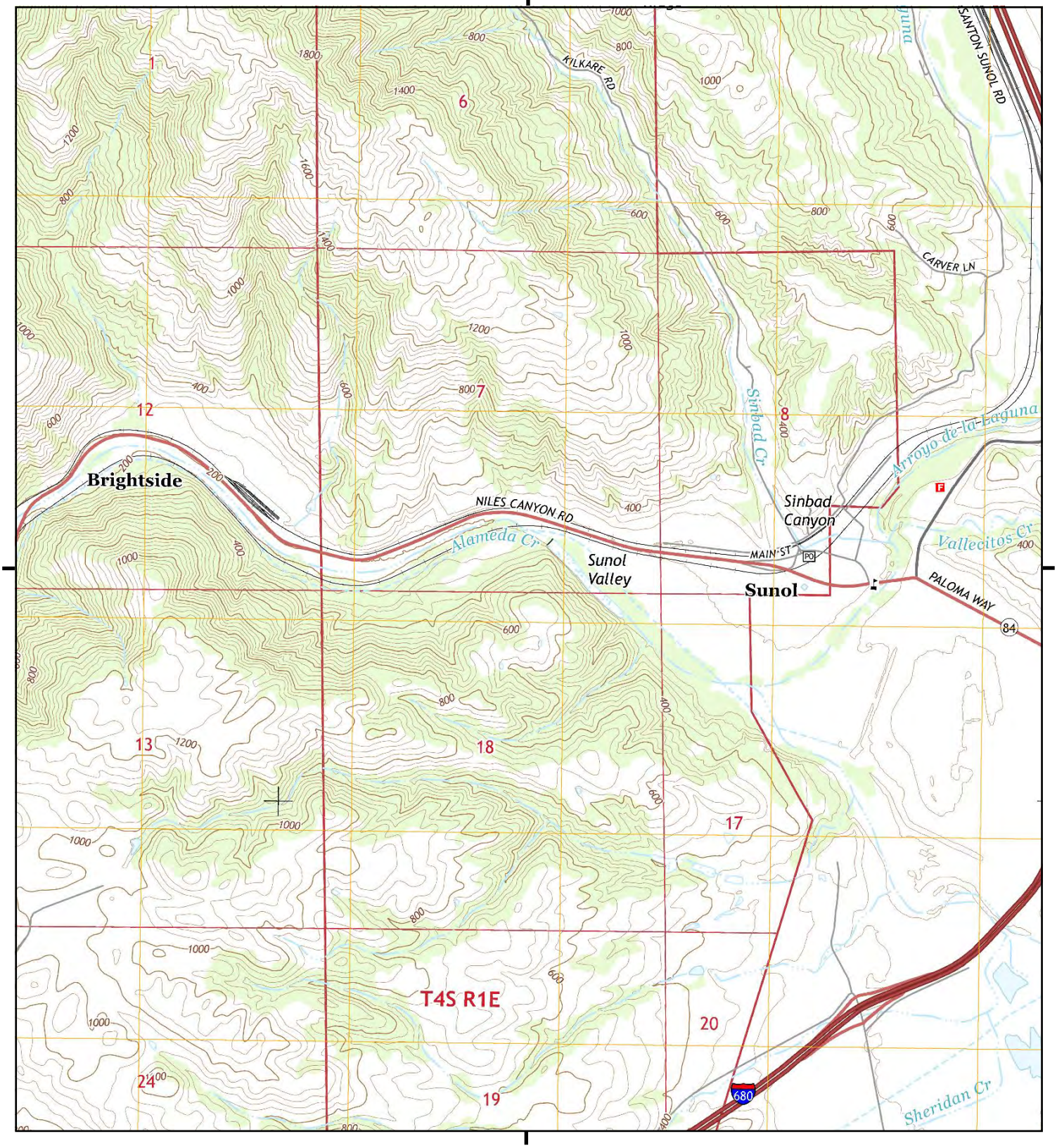
TP, Niles, 2018, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 2015, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

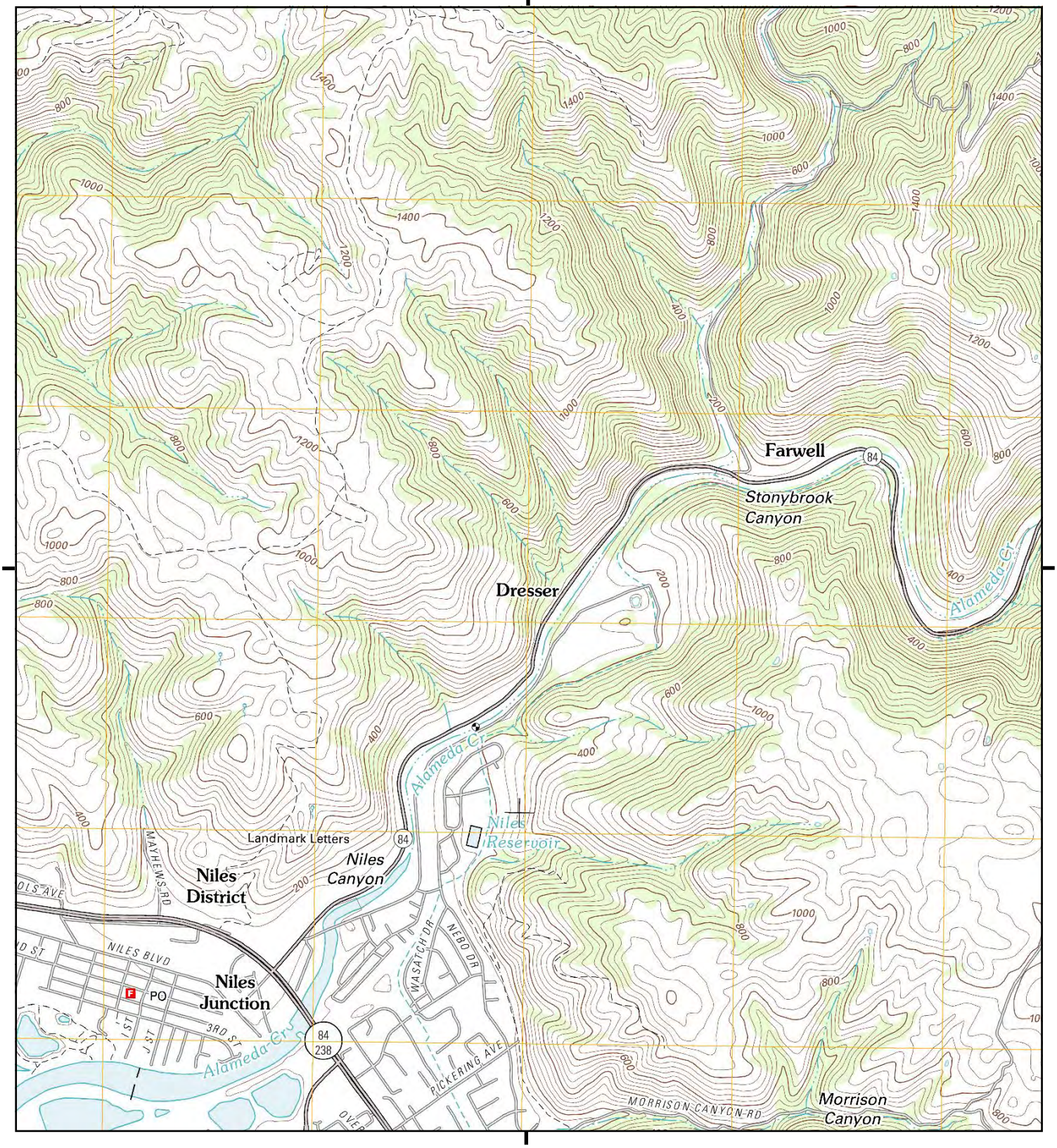
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 2015, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

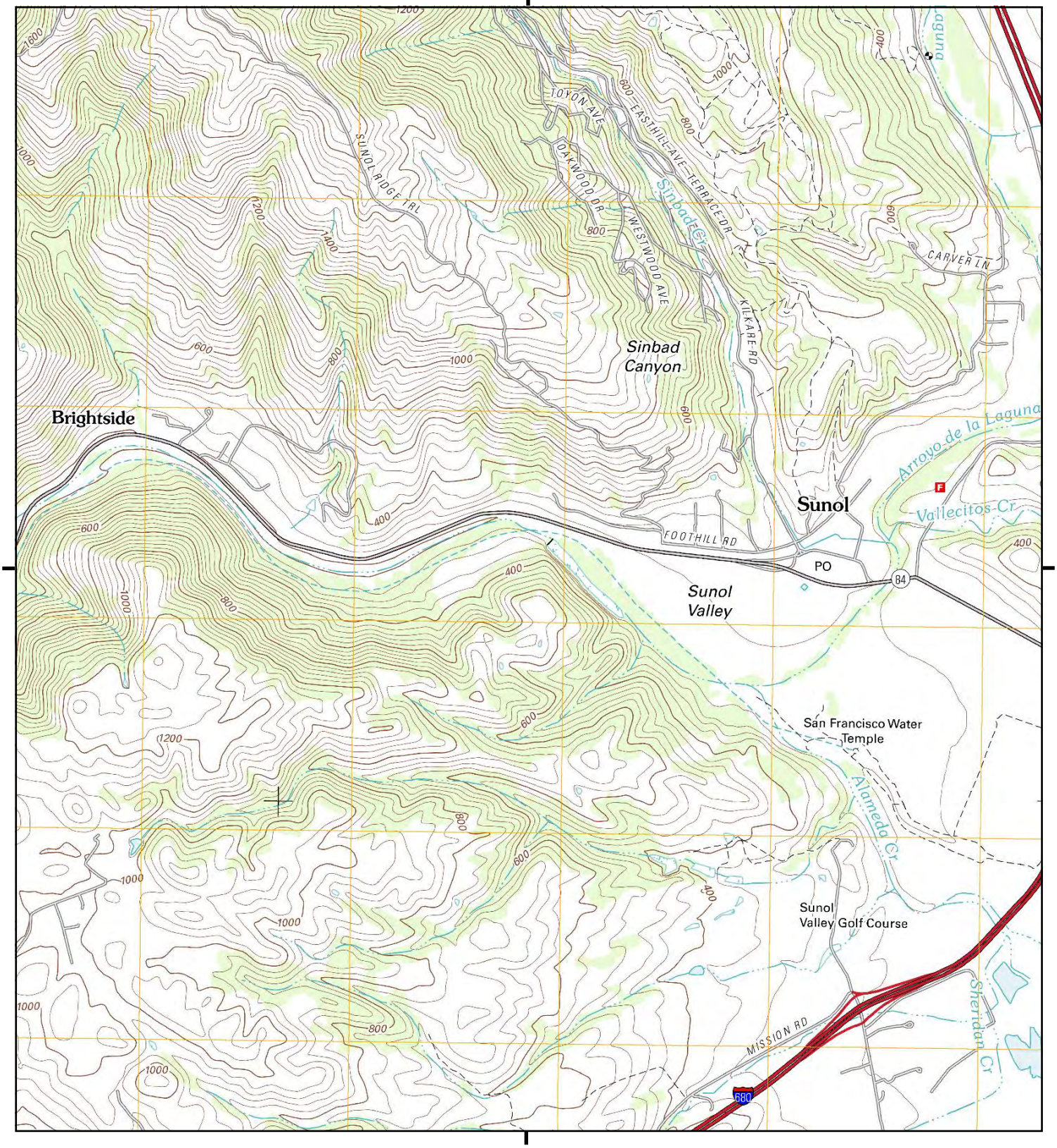
TP, Niles, 2012, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

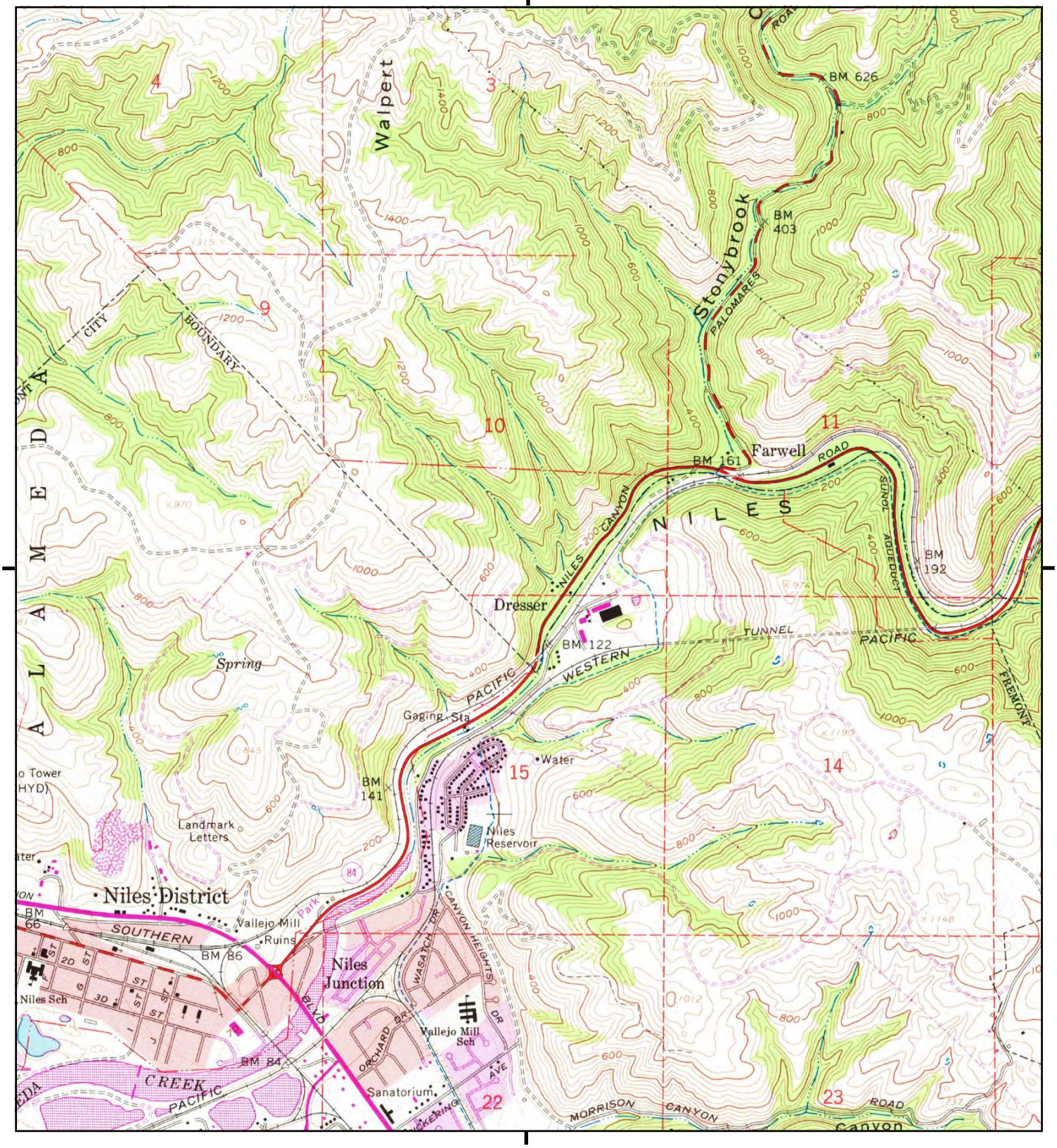
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 2012, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

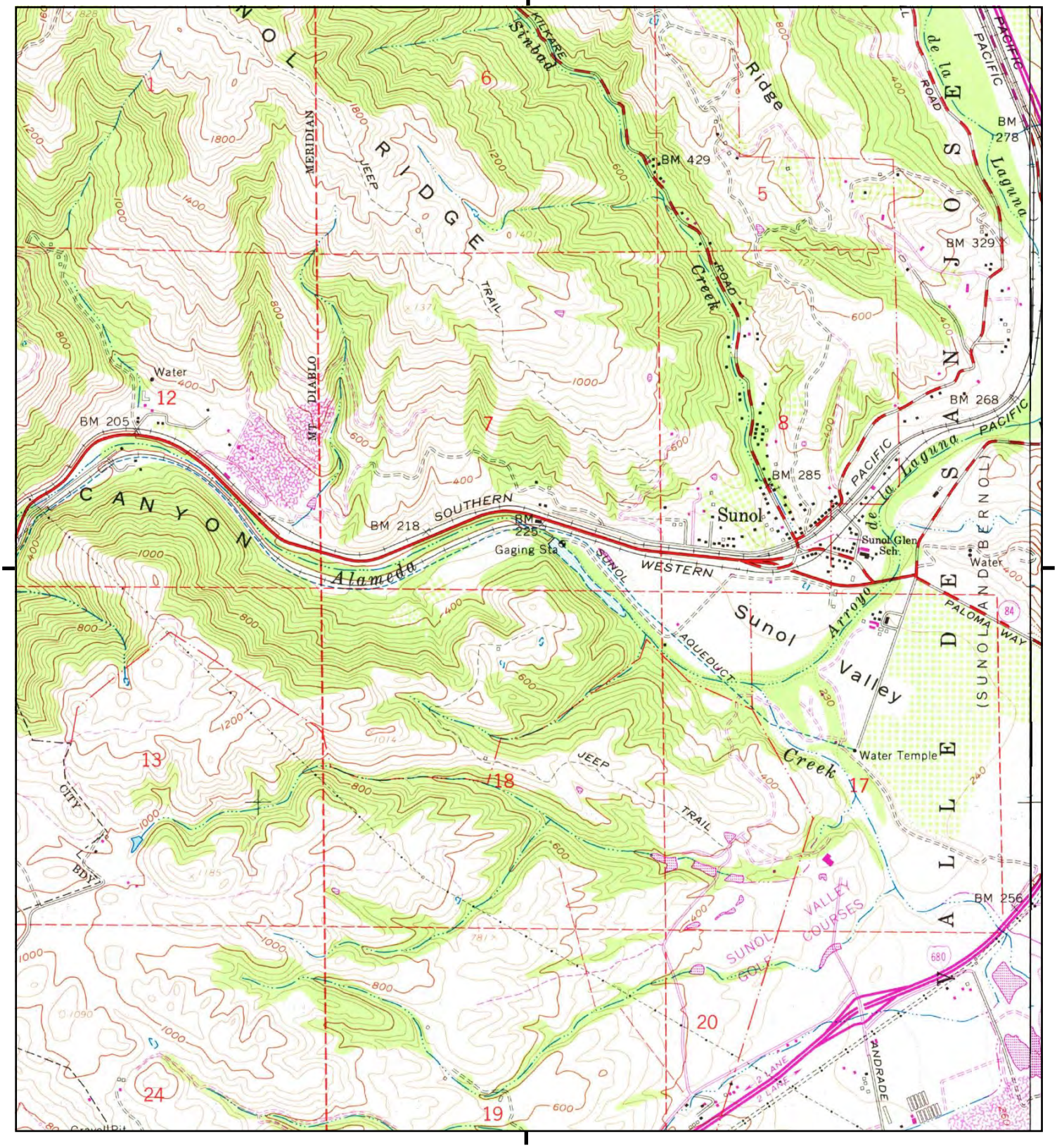
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 1980, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

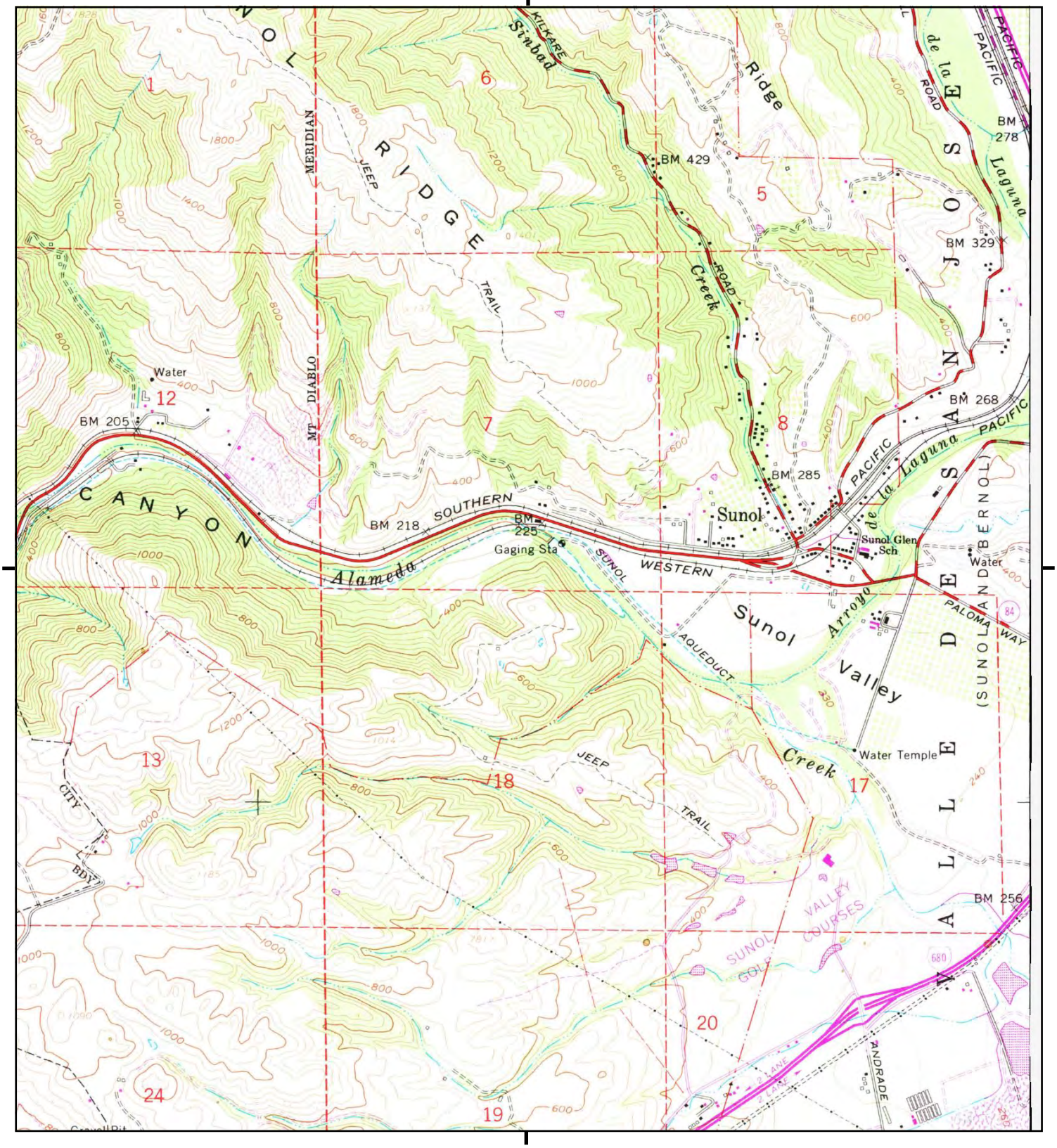
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 1980, 7.5-minute
SE, La Costa Valley, 1978, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

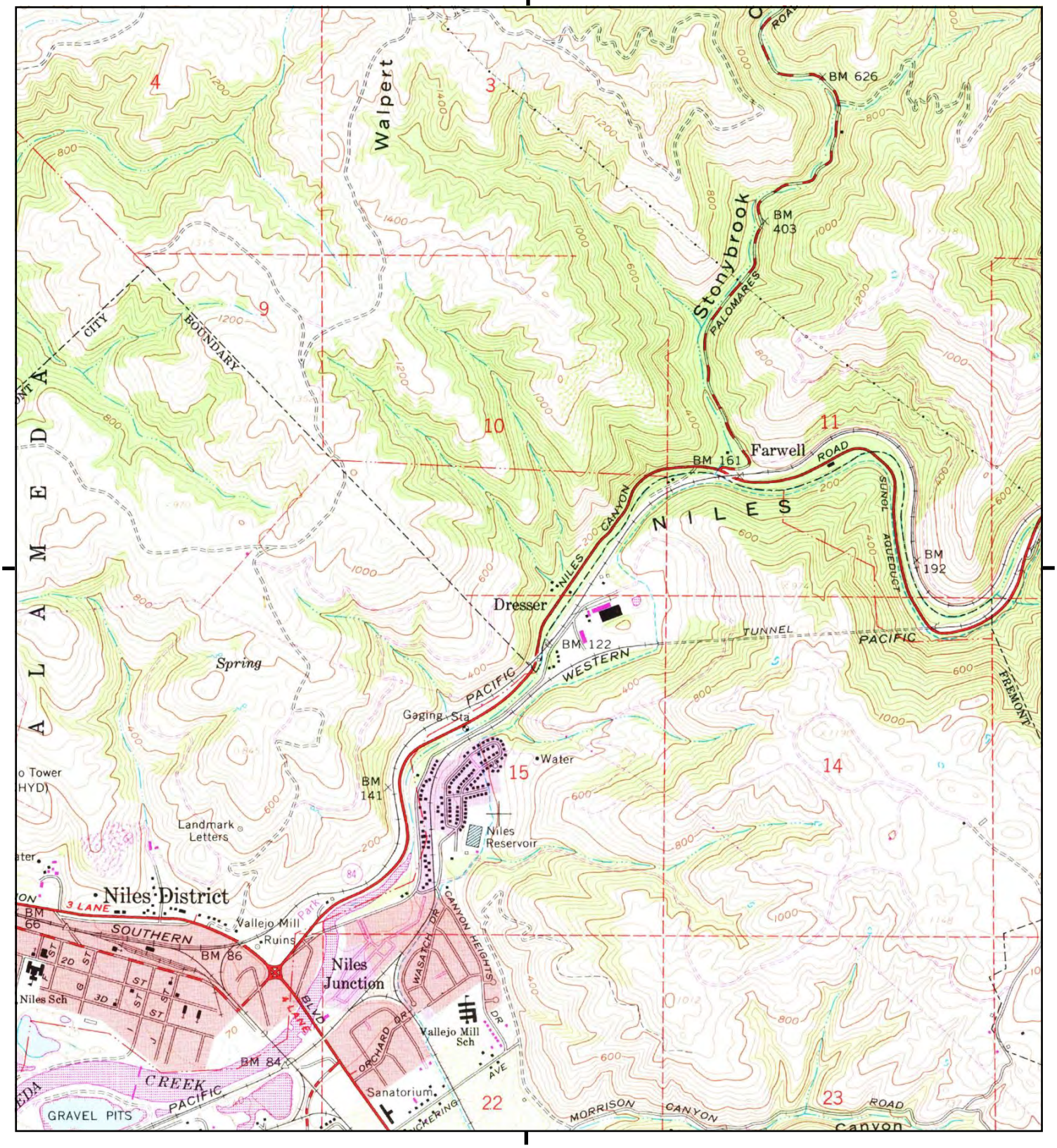
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 1973, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

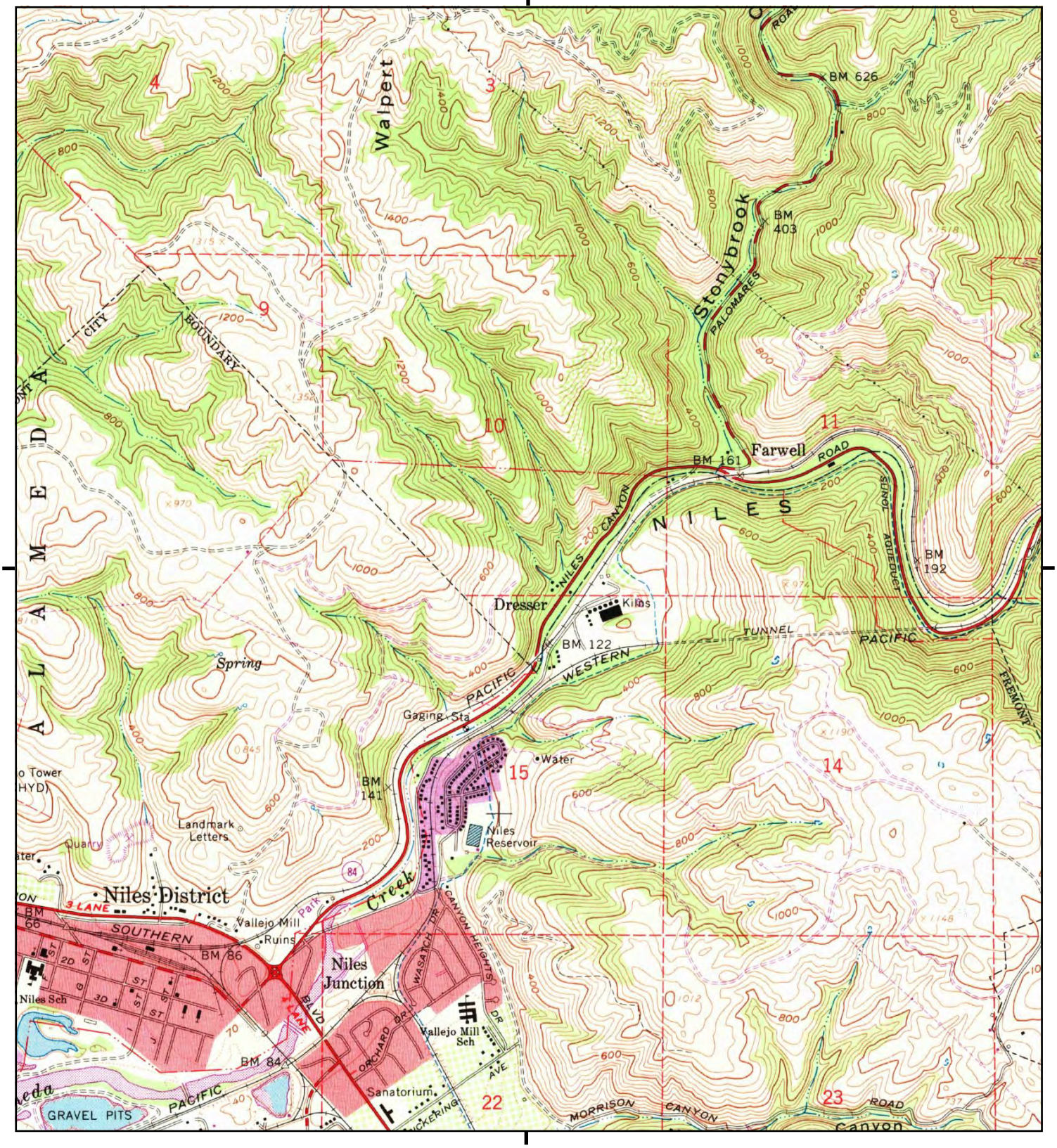
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 1973, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

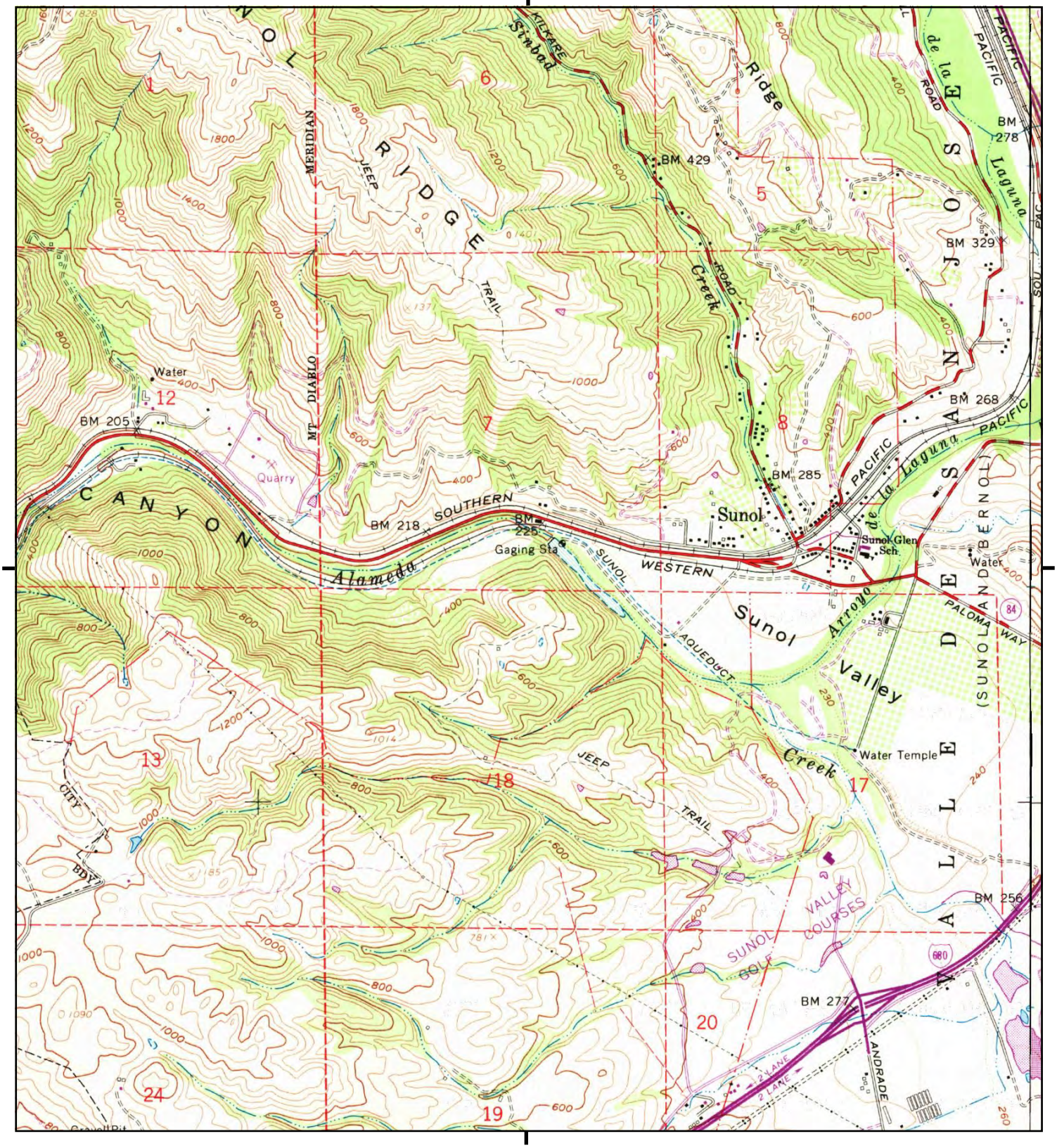
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 1968, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

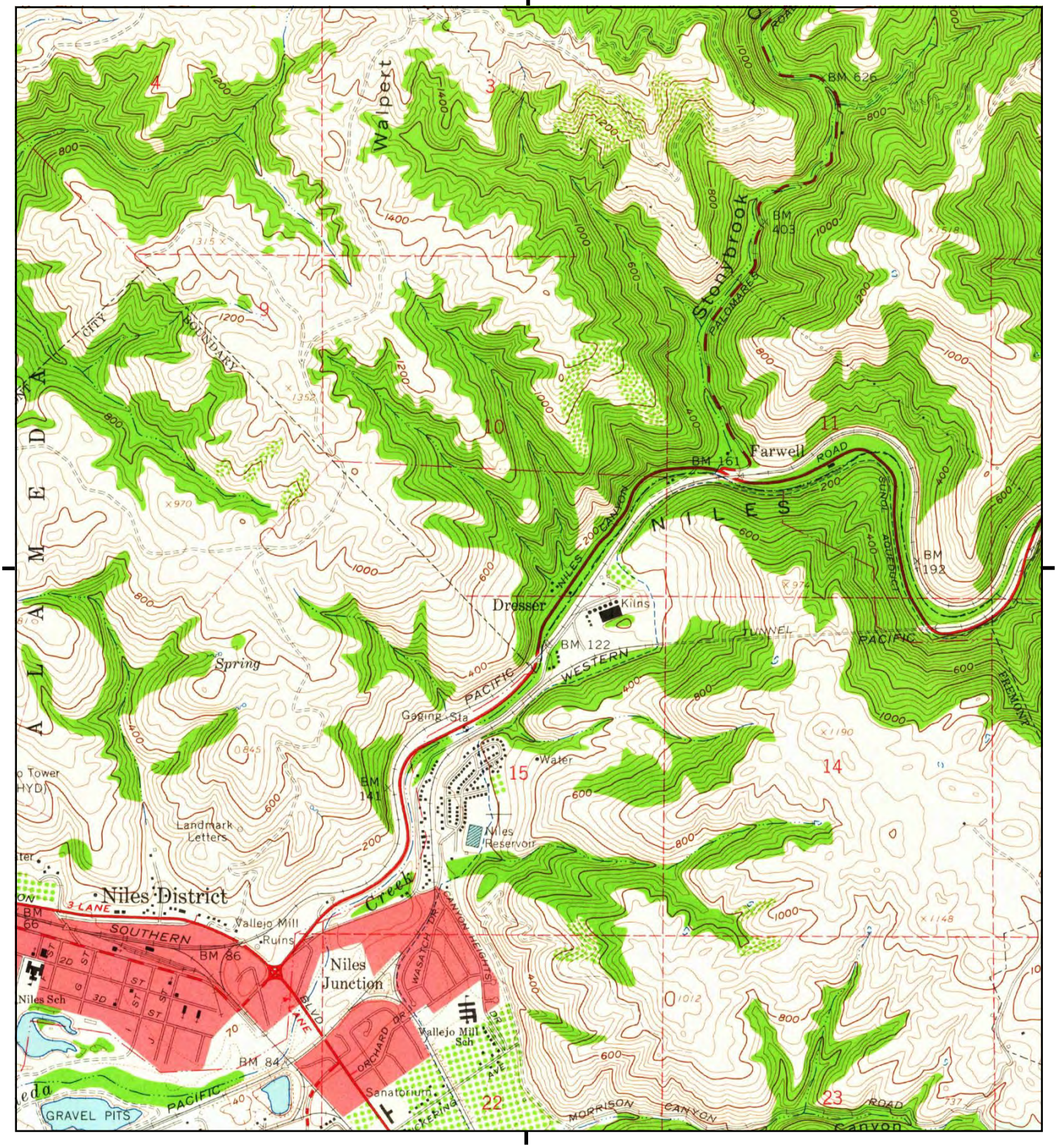
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 1968, 7.5-minute
SE, La Costa Valley, 1968, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

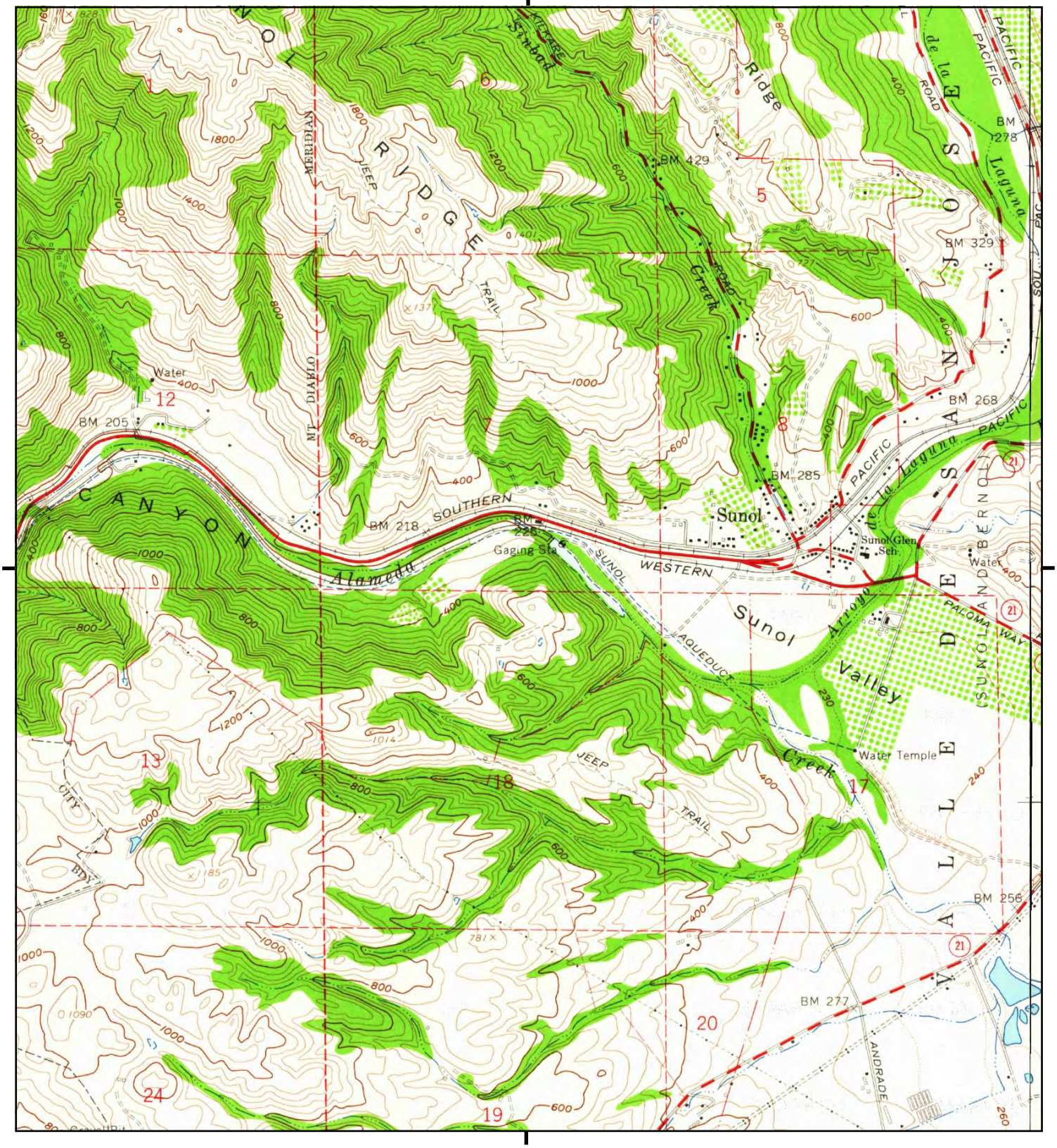
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 1961, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

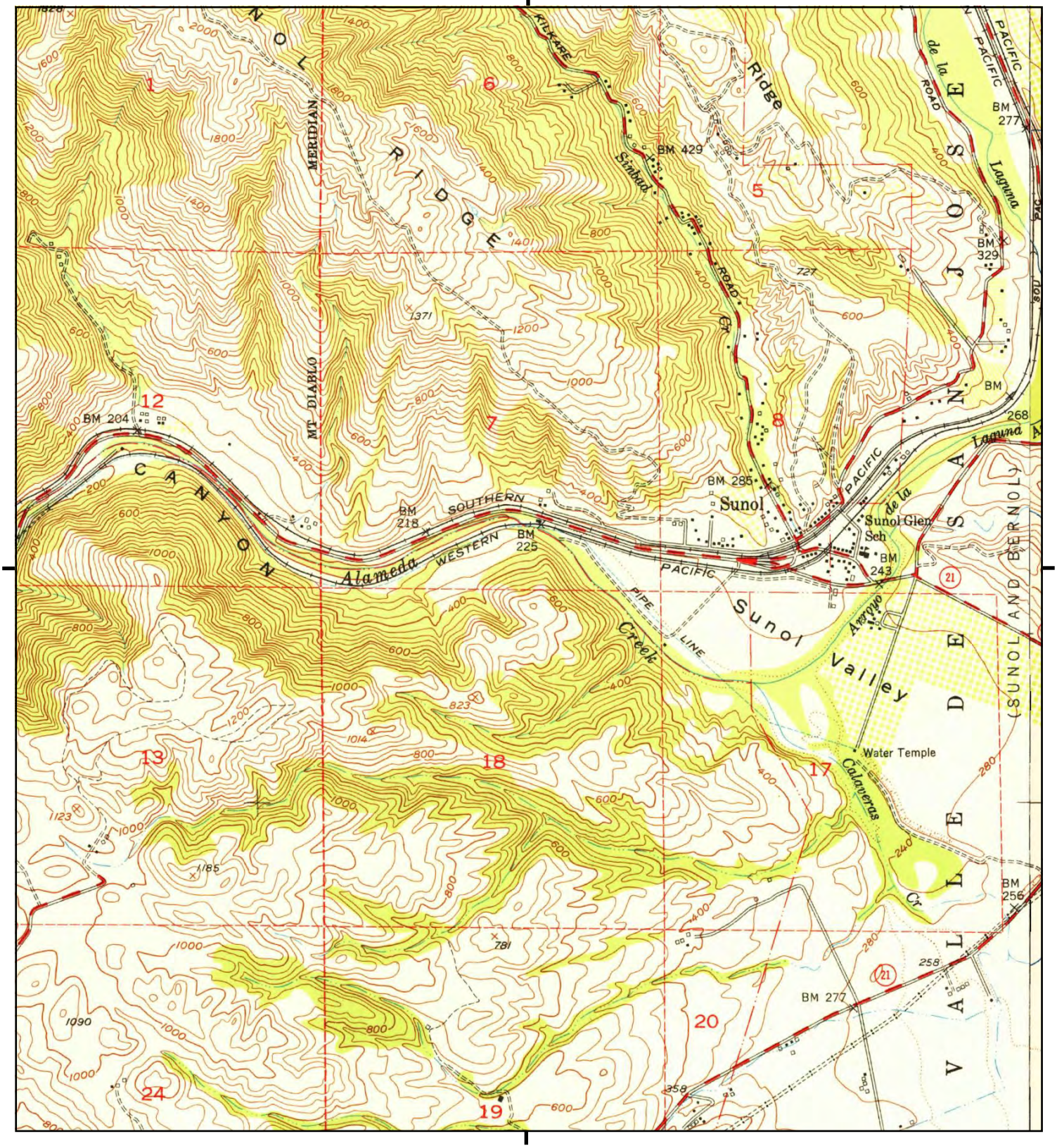
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 1961, 7.5-minute
SE, La Costa Valley, 1960, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

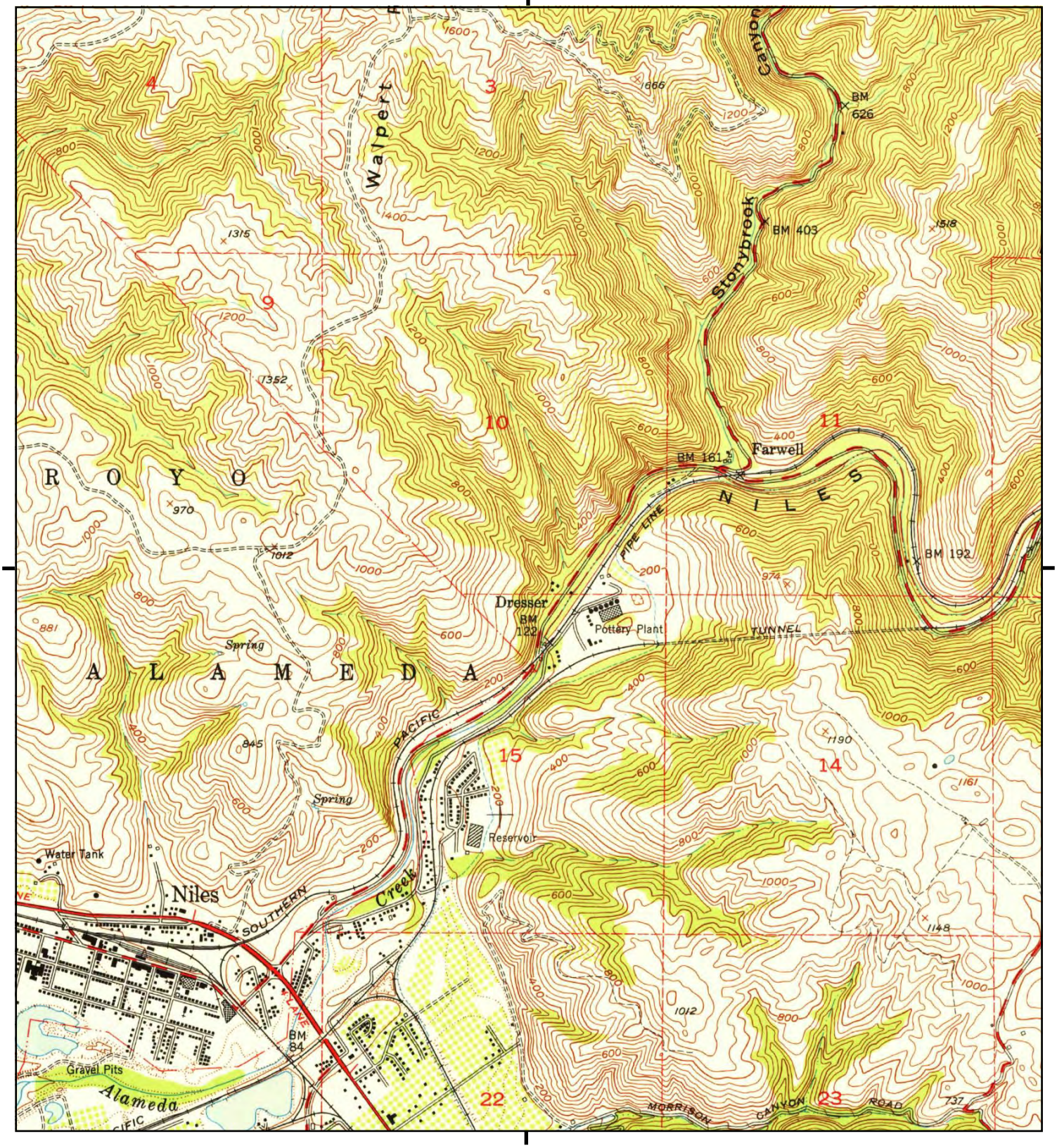
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 1953, 7.5-minute
SE, La Costa Valley, 1953, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

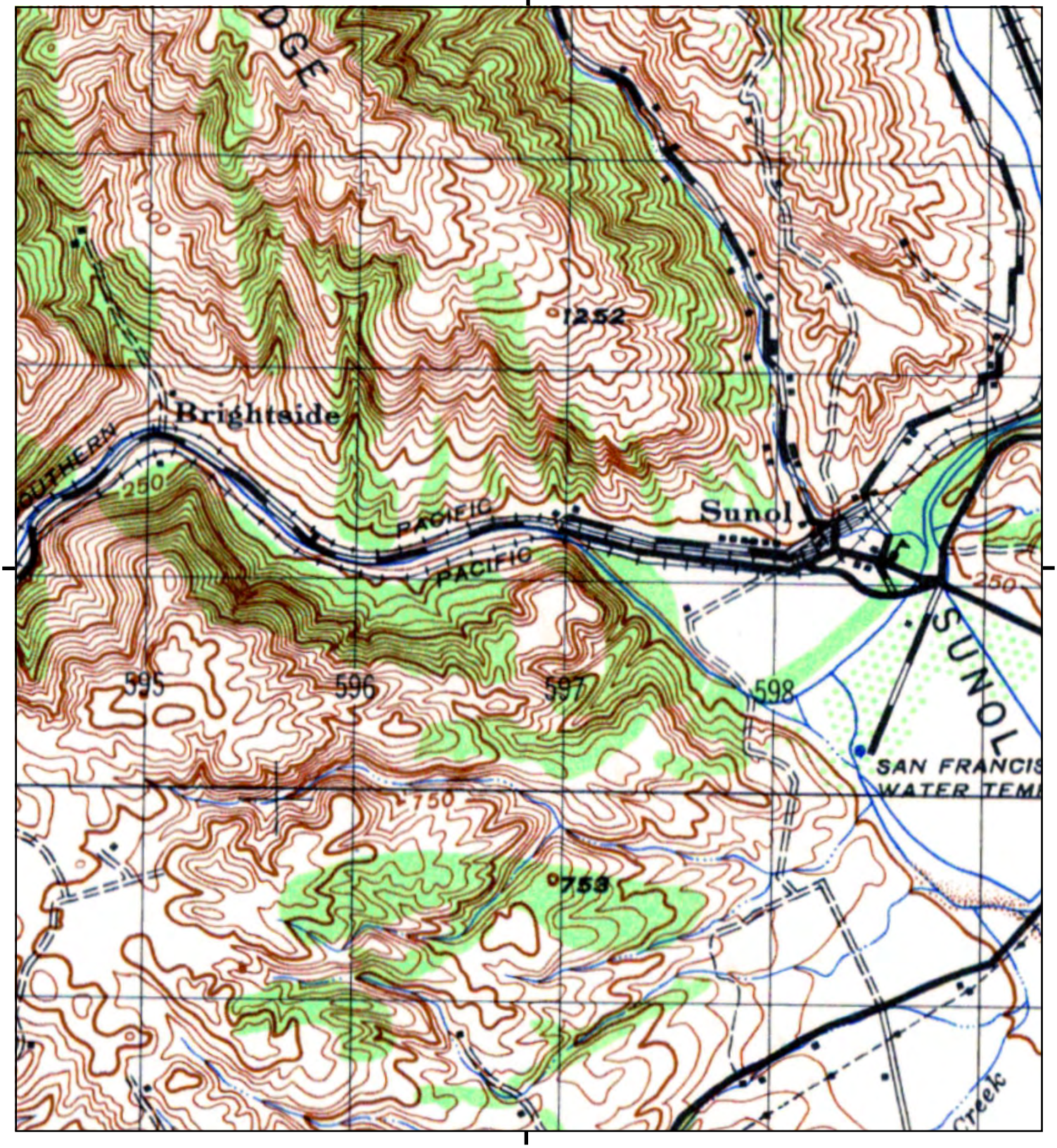
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Niles, 1953, 7.5-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

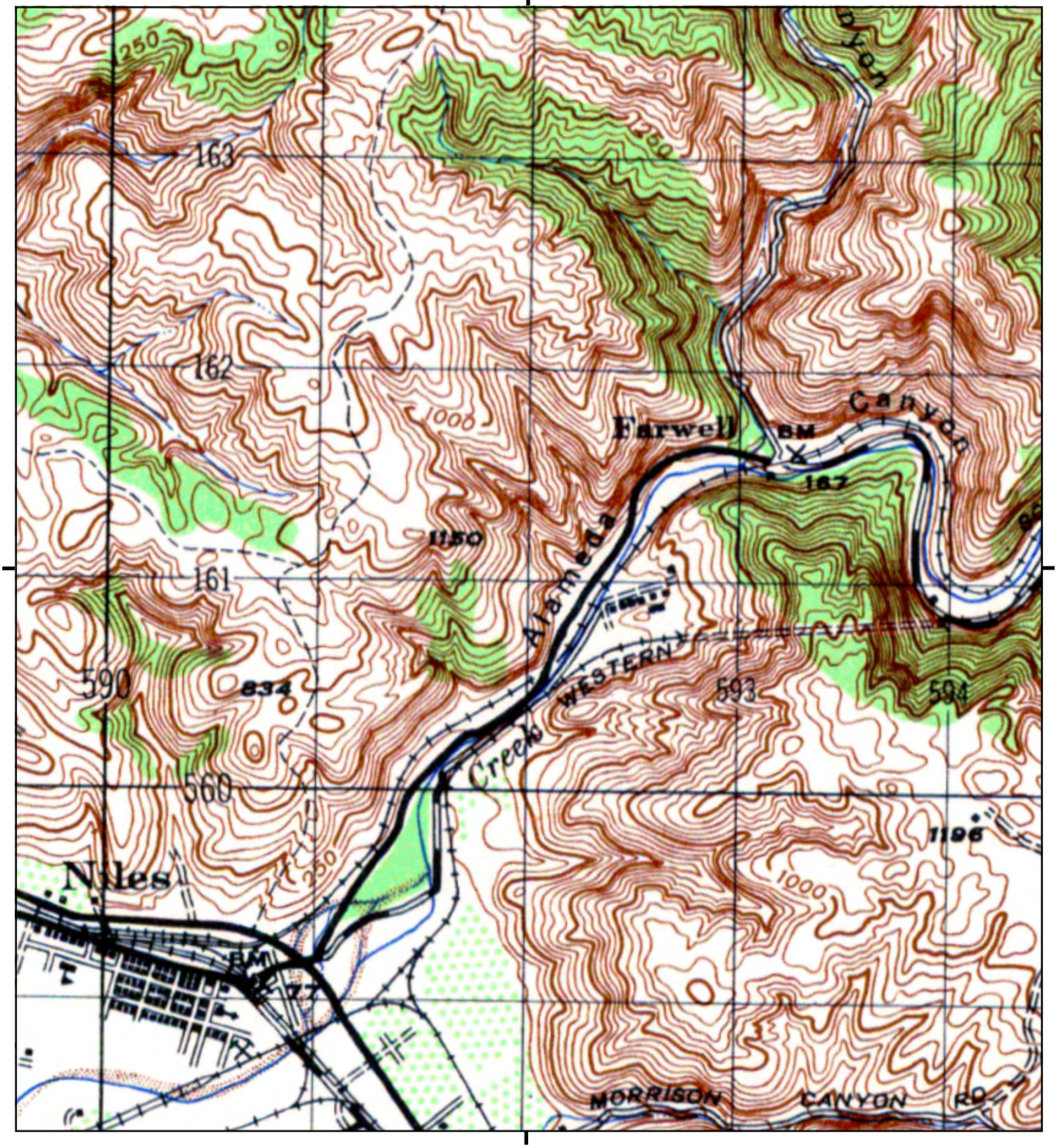
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, PLEASANTON, 1947, 15-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

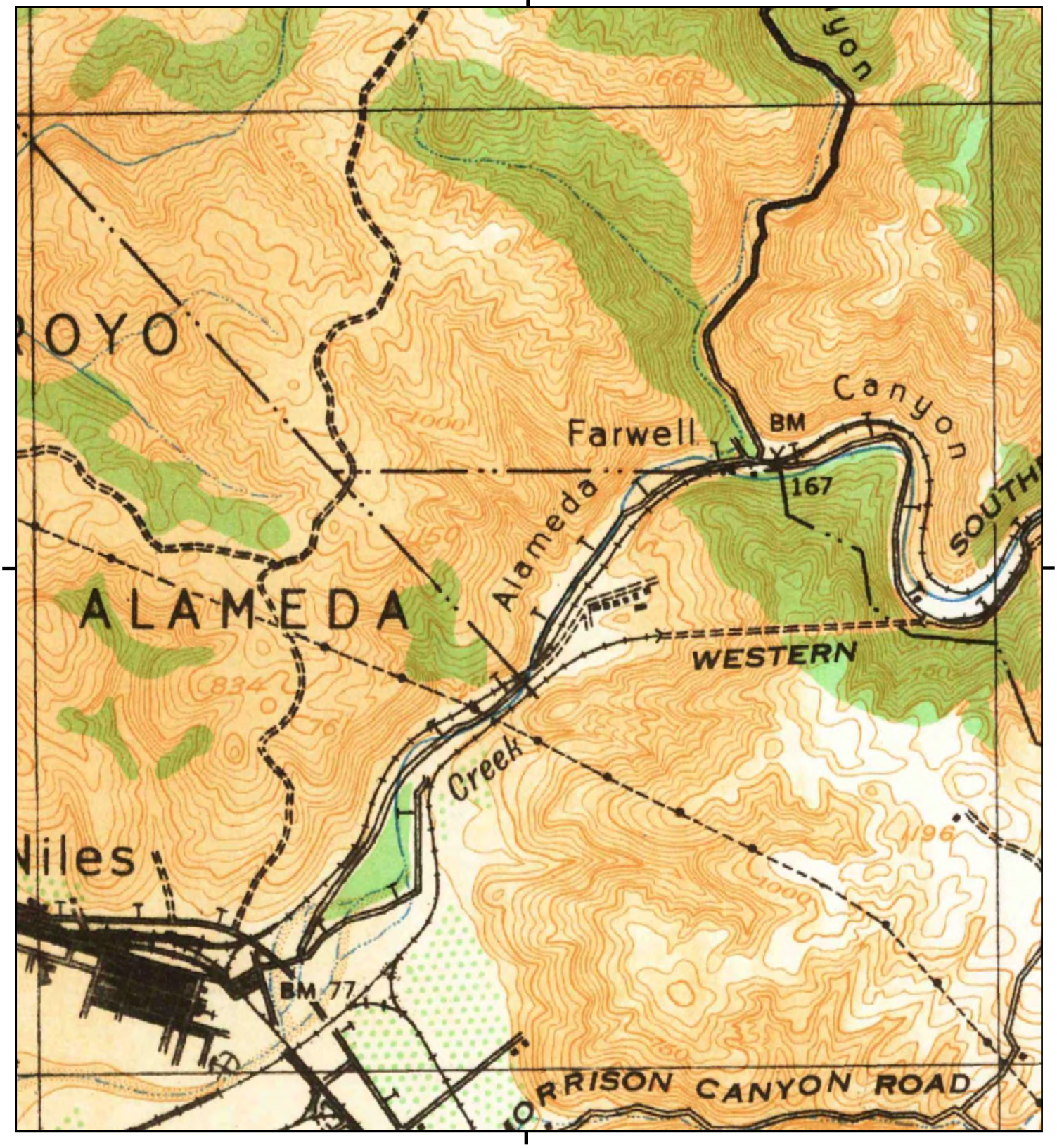
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, PLEASANTON, 1947, 15-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

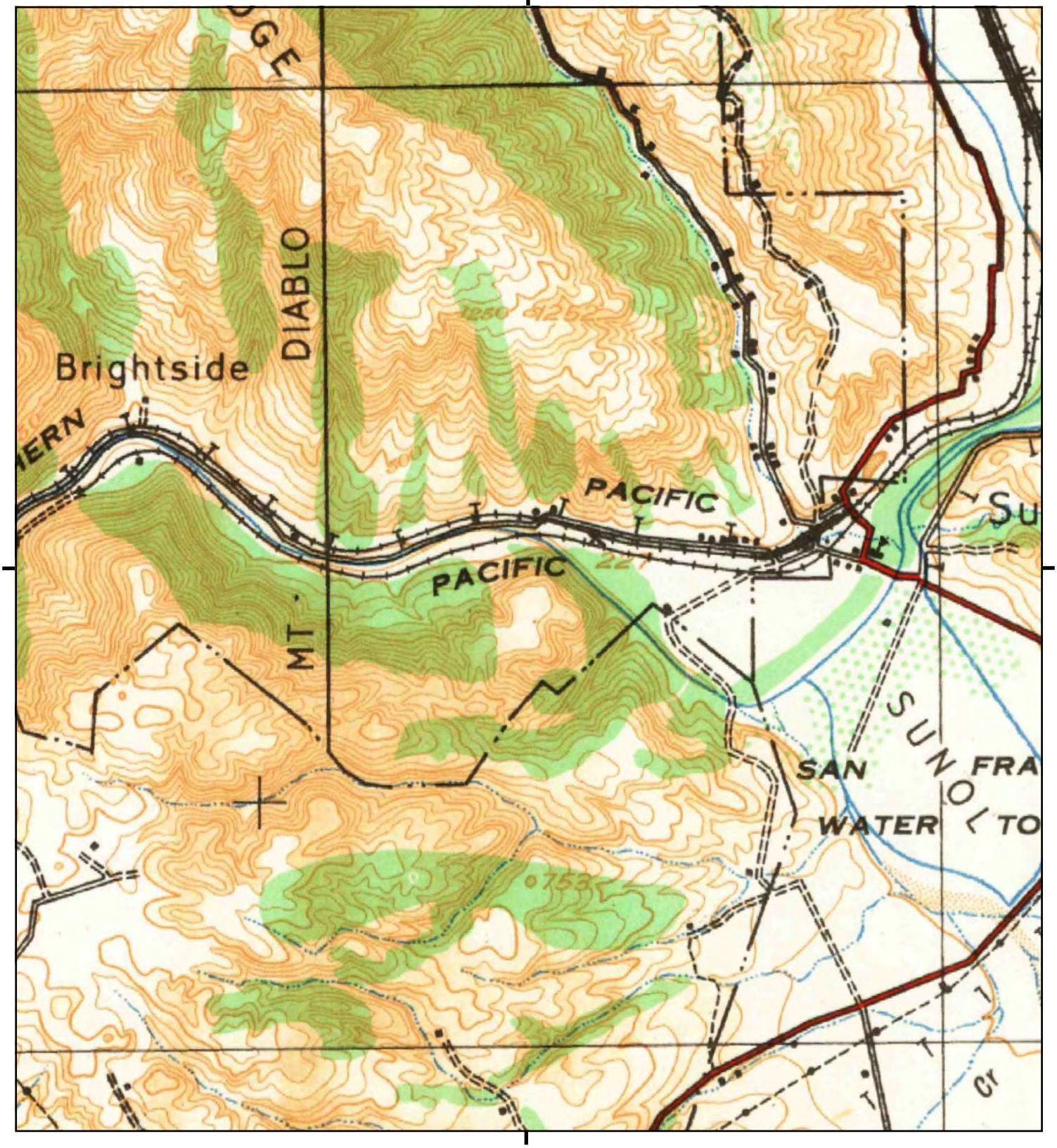
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pleasanton, 1941, 15-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

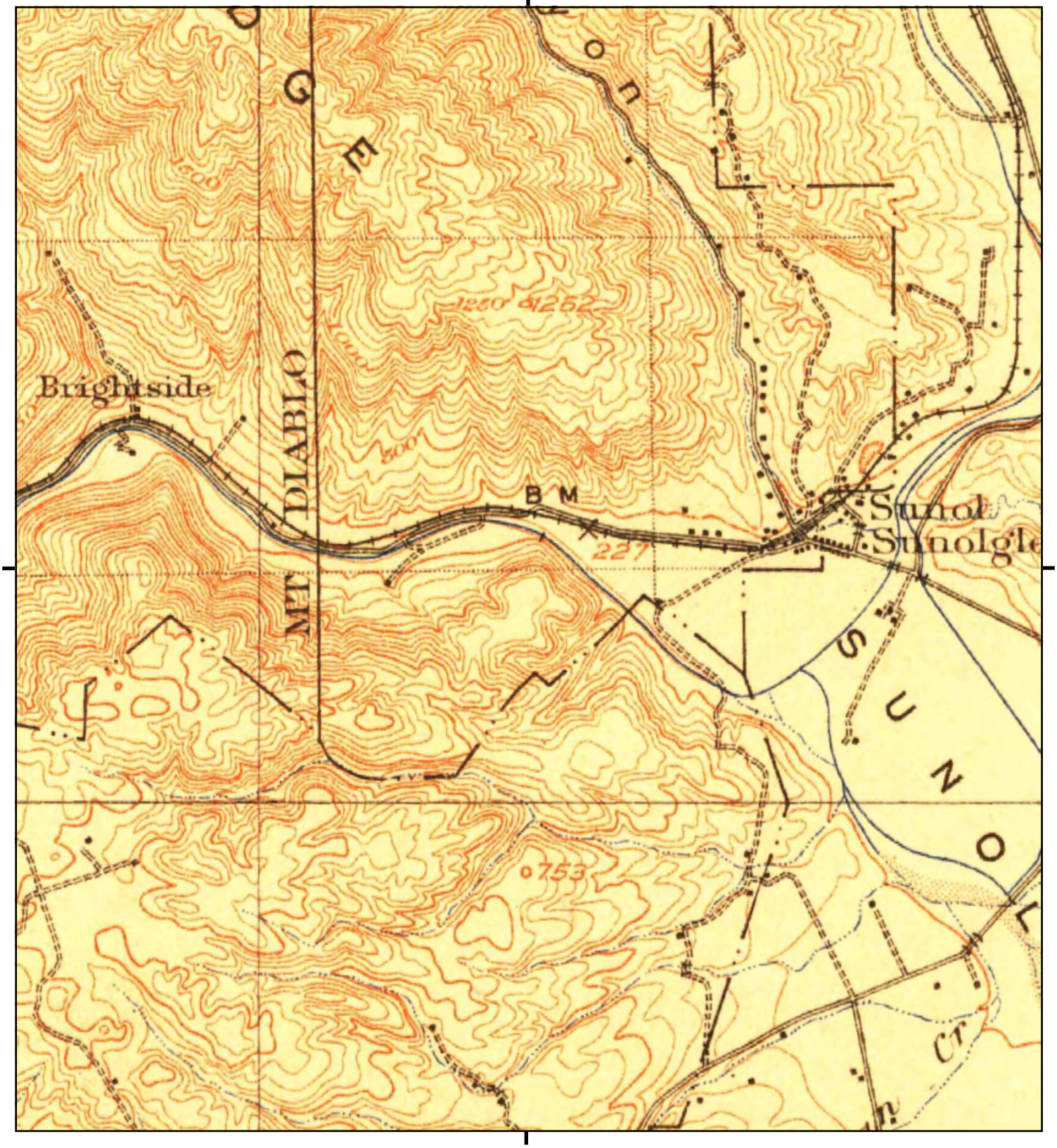
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pleasanton, 1941, 15-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

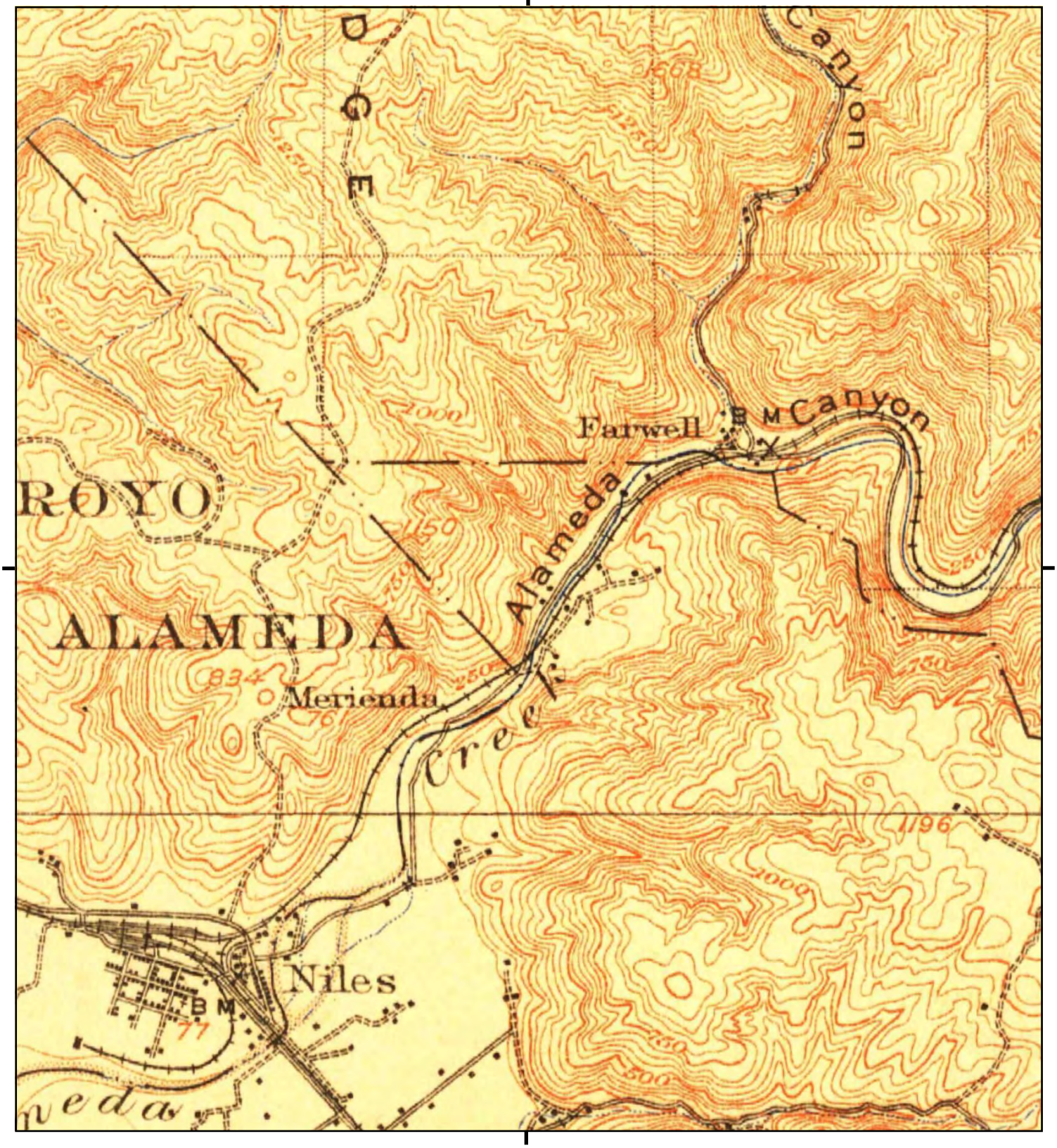
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pleasanton, 1906, 15-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pleasanton, 1906, 15-minute

SITE NAME: Niles Canyon Pedestrian Trail
ADDRESS: Niles Canyon Pedestrian Trail
Fremont, CA 94539
CLIENT: Engeo Inc.

N



DRAFT

APPENDIX C

ENVIRONMENTAL DATA RESOURCES, INC.

Aerial Photo Decade Package

Niles Canyon Pedestrian Trail

Niles Canyon Pedestrian Trail

Fremont, CA 94539

Inquiry Number: 7378454.8

July 05, 2023

The EDR Aerial Photo Decade Package

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

Date EDR Searched Historical Sources:

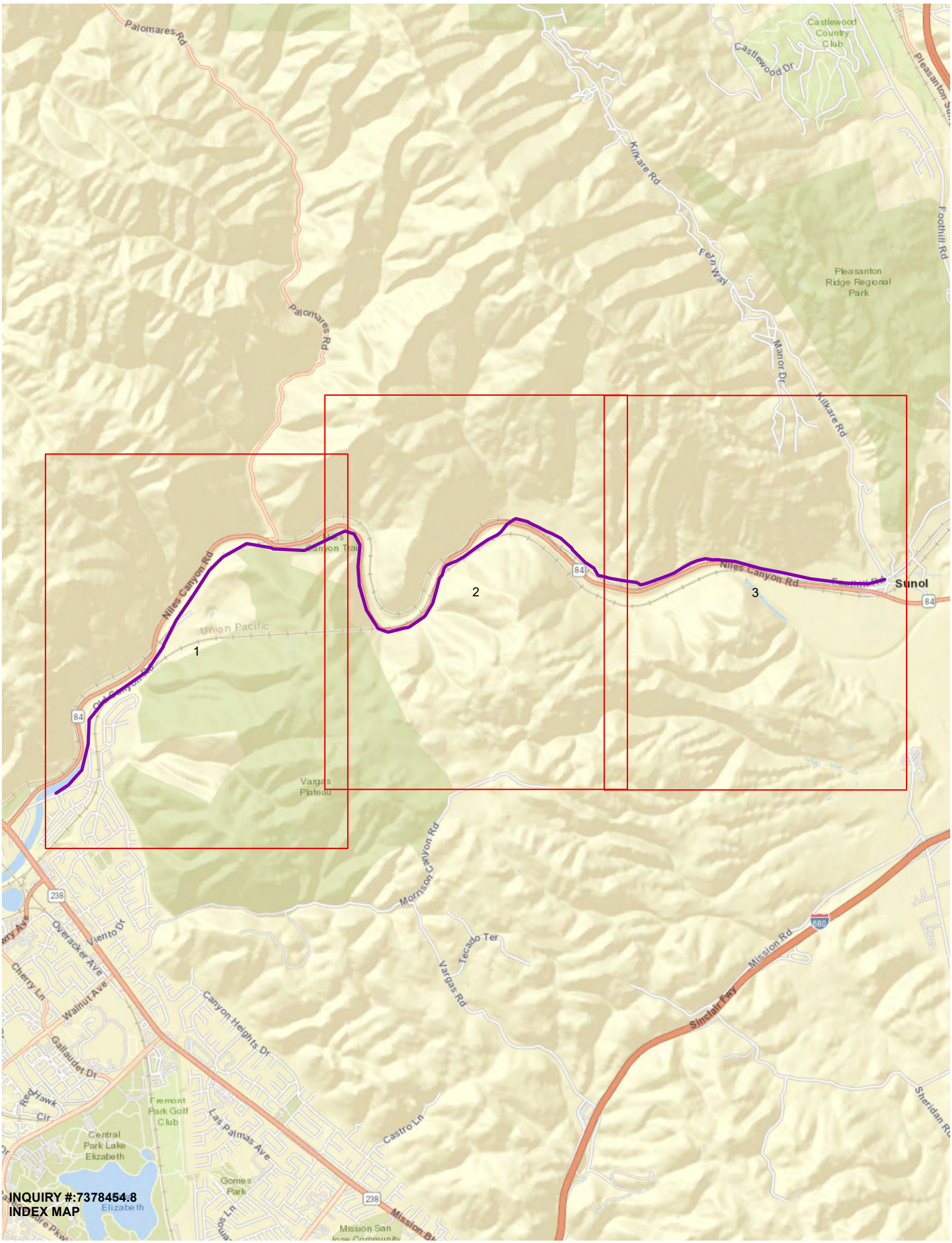
Aerial Photography July 05, 2023

Target Property:

Niles Canyon Pedestrian Trail

Fremont, CA 94539

Year	***Scale***	***Details***	***Source***
1939	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1939	USDA
1946	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1946	USGS
1948	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1948	USDA
1954	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1954	AMS
1958_59	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1958_59	USDA
1963	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1963	Aerial View
1968	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1968	USGS
1979	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1979	USDA
1982	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1982	USDA
1993	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1993	USGS/DOQQ
2006	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2006	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2009	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2012	USDA/NAIP
2016	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2016	USDA/NAIP
2020	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2020	USDA/NAIP



INQUIRY #:7378454.8
INDEX MAP


INQUIRY #: 7378454.8
YEAR: 1939
SCALE: 1"=1000'

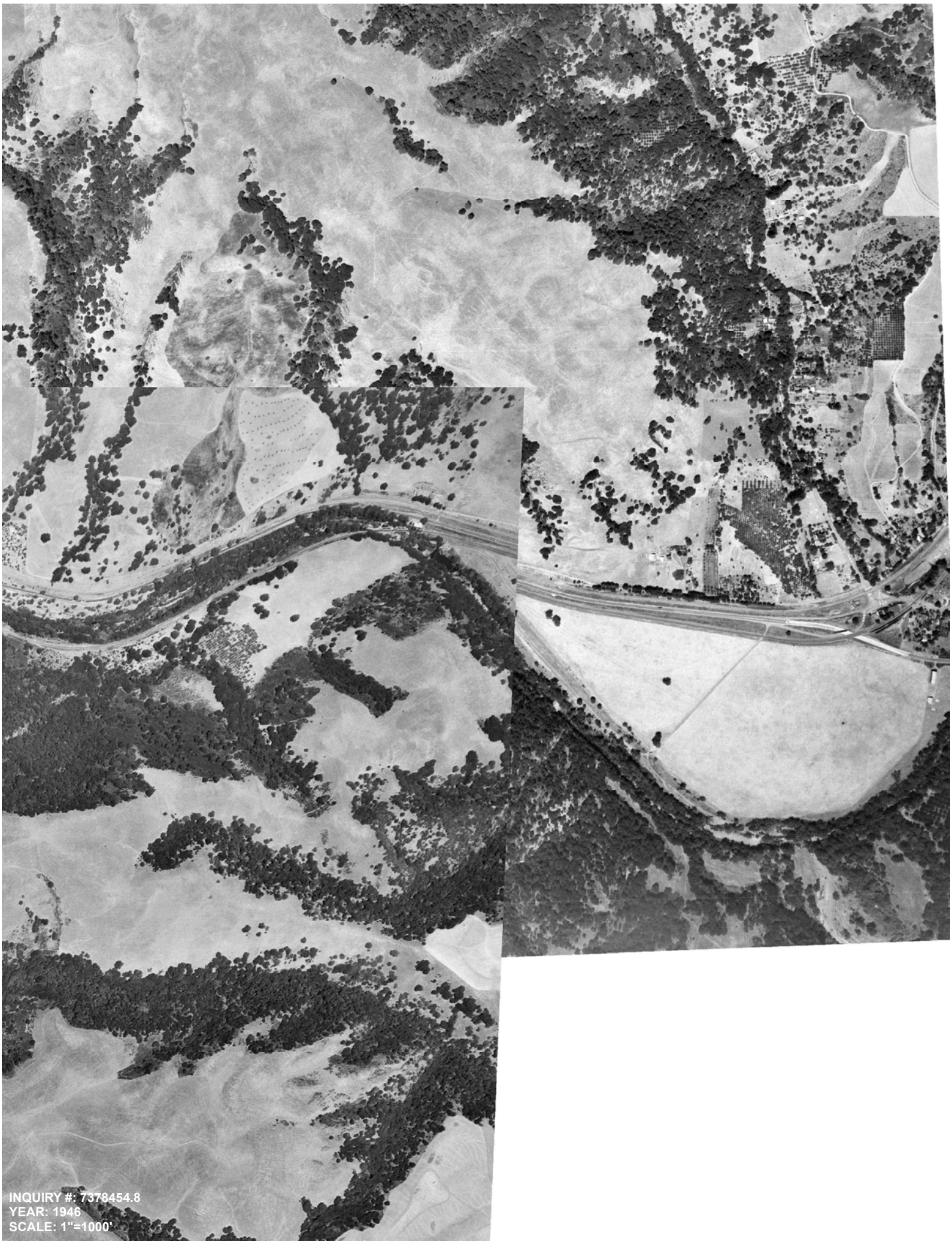


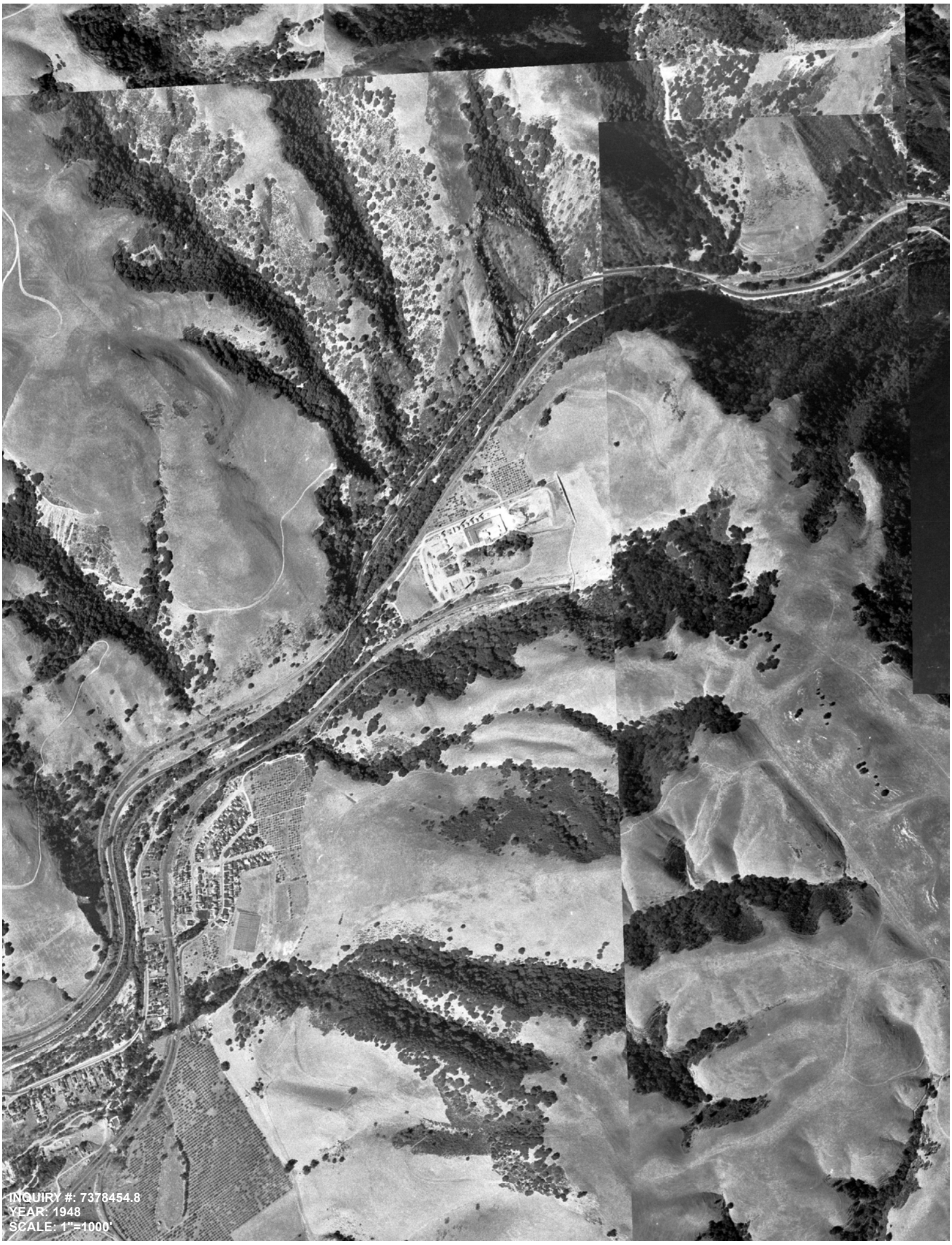
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YEAR: 1939
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1939
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1946
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1946
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1946
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1948
SCALE: 1"=1000'



INQUIRY #: 7378454.8
YEAR: 1948
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1948
SCALE: 1"=1000'



INQUIRY #: 7378454.8
YEAR: 1954
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1954
SCALE: 1"=1000'

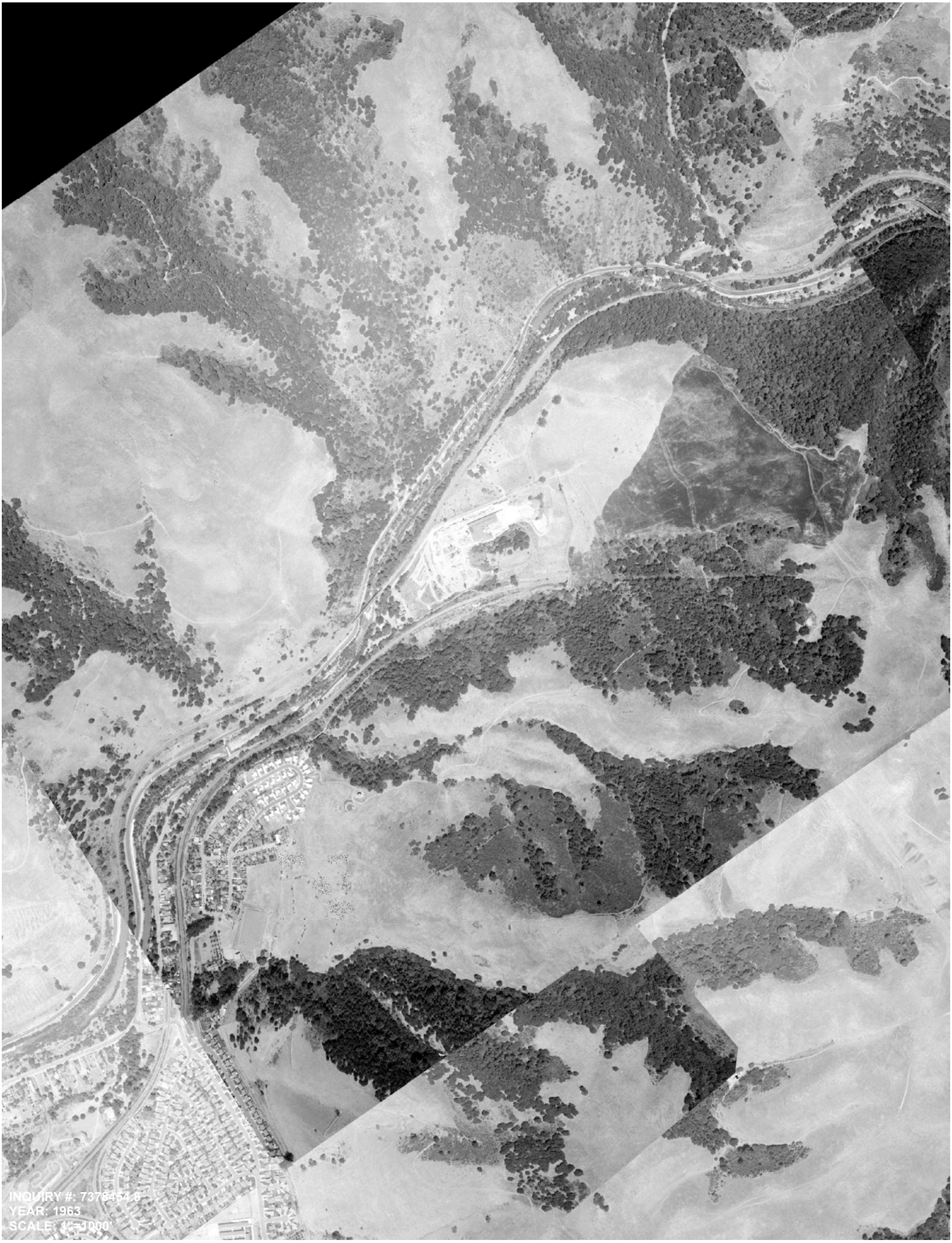


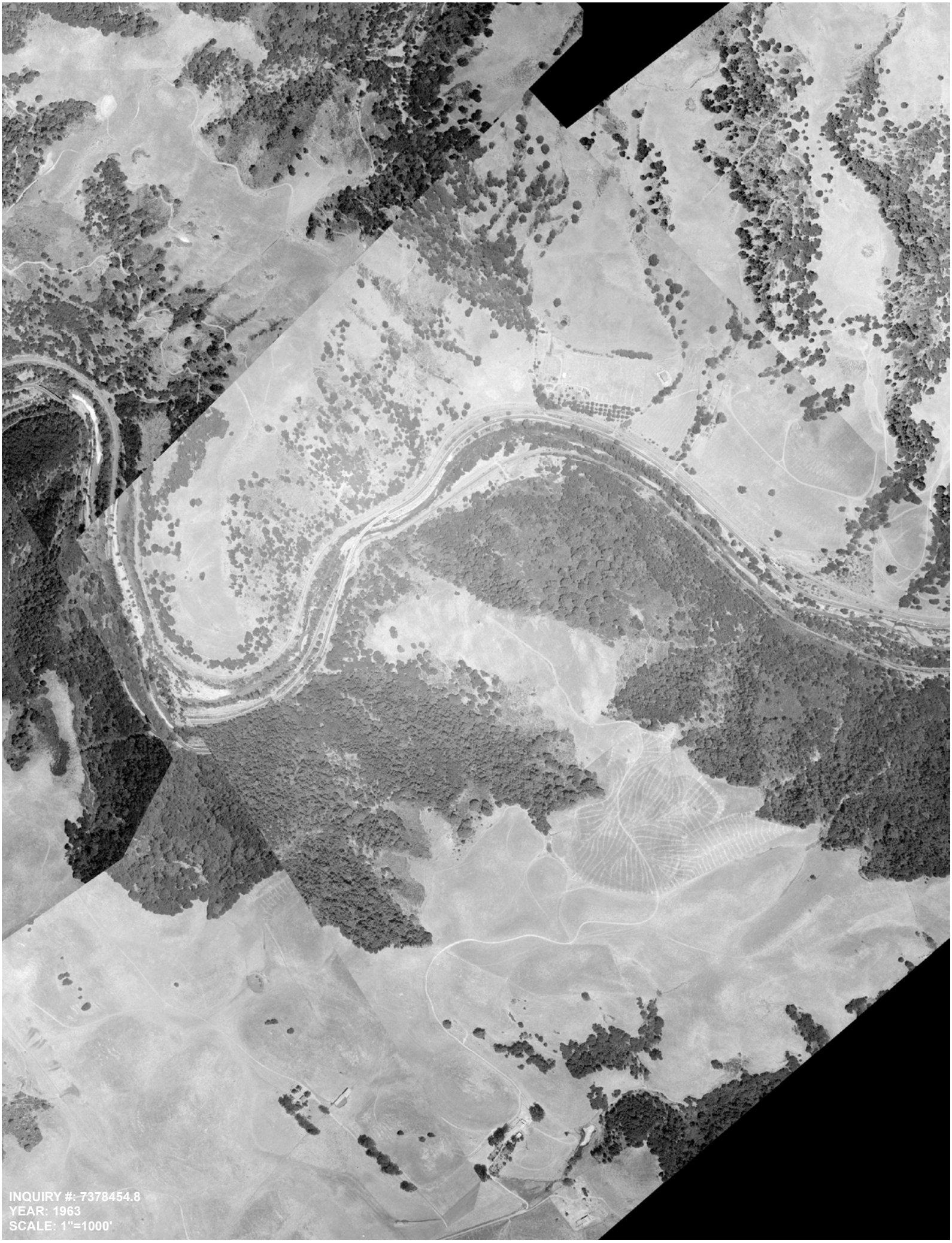
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YEAR: 1954
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1958
SCALE: 1" = 1000'


INQUIRY #: 7378454.8
YEAR: 1958
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1958
SCALE: 1"=1000'


INQUIRY #: 7378454.6
YEAR: 1963
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1963
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1963
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1968
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1968
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1968
SCALE: 1"=1000'

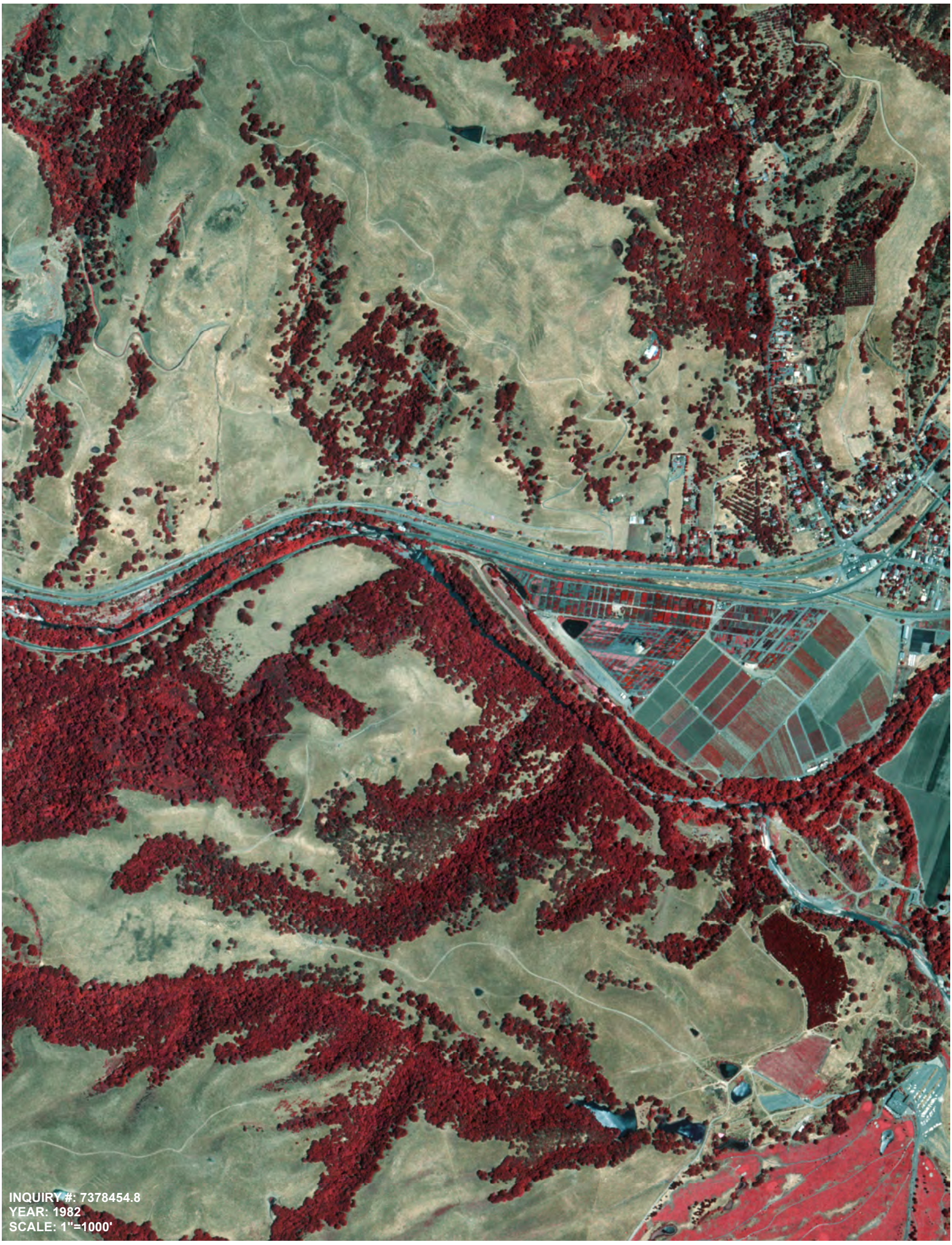

INQUIRY #: 7378454.8
YEAR: 1979
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1979
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1979
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1982
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1982
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1982
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1993
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1993
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 1993
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 2006
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 2006
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 2006
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 2009
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 2009
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 2009
SCALE: 1"=1000'


INQUIRY #: 3737845.8
YEAR: 2012
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 2012
SCALE: 1'"=1000'


INQUIRY #: 7378454.8
YEAR: 2012
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 2016
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 2016
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 2016
SCALE: 1"=1000'


INQUIRY #: 7378454.3
YEAR: 2020
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 2020
SCALE: 1"=1000'


INQUIRY #: 7378454.8
YEAR: 2020
SCALE: 1"=1000'



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APPENDIX D

ENVIRONMENTAL DATA RESOURCES, INC.

Sanborn Map Report

Niles Canyon Pedestrian Trail

Niles Canyon Pedestrian Trail

Fremont, CA 94539

Inquiry Number: 7378454.6

June 30, 2023

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

06/30/23

Site Name:

Niles Canyon Pedestrian Trail
Niles Canyon Pedestrian Trail
Fremont, CA 94539
EDR Inquiry # 7378454.6

Client Name:

Engeo Inc.
2010 Crow Canyon Place
San Ramon, CA 94583
Contact: Jenna Keith

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Engeo Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 5B0C-460F-9C15

PO # NA

Project 17268.000.000

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 5B0C-460F-9C15

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Engeo Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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APPENDIX E

ENVIRONMENTAL DATA RESOURCES, INC.

City Directory

Niles Canyon Pedestrian Trail
Niles Canyon Pedestrian Trail
Fremont, CA 94539

Inquiry Number: 7378454.9
June 30, 2023

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 1320 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2020	EDR Digital Archive	-	X	X	-
2017	Cole Information	-	X	X	-
2014	Cole Information	-	-	-	-
2010	Cole Information	-	-	-	-
2006	Haines Company, Inc.	-	-	-	-
2005	Cole Information	-	-	-	-
2002	Haines & Company	-	X	X	-
	R. L. Polk & Co.	-	X	X	-
2000	Cole Information	-	-	-	-
	Pacific Bell	-	-	-	-
1996	PACIFIC BELL DIRECTORY	-	-	-	-
1995	Cole Information	-	-	-	-
1993	Pacific Bell	-	-	-	-
1992	Cole Information	-	-	-	-
	PACIFIC BELL DIRECTORY	-	-	-	-
1991	PACIFIC BELL WHITE PAGES	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1986	Pacific Bell	-	X	X	-
1984	Pacific Bell	-	X	X	-
1982	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	-	-	-
1979	Pacific Telephone	-	X	X	-
1976	R. L. Polk & Co.	-	X	X	-
1975	Pacific Telephone	-	X	X	-
1973	Pacific Telephone	-	X	X	-
1970	Pacific Telephone	-	-	-	-
1967	R. L. Polk Co.	-	-	-	-
1965	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	-	-	-
1960	Pacific Telephone	-	-	-	-
1959	R. L. Polk & Co.	-	-	-	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co. of California	-	-	-	-
1951	R. L. Polk & Co.	-	-	-	-
1950	The Pacific Telephone & Telegraph Co.	-	-	-	-
1946	R. L. Polk & Co.	-	-	-	-
1945	The Pacific Telephone & Telegraph Co.	-	-	-	-
1943	R. L. Polk & Co.	-	-	-	-
1940	R. L. Polk & Co.	-	-	-	-
1938	Pacific Telephone	-	-	-	-
1933	R. L. Polk & Co.	-	-	-	-
1932	R. L. Polk & Co. of California	-	-	-	-
1928	R. L. Polk Co. of California	-	-	-	-
1926	R. L. Polk & Co.	-	-	-	-
1925	R. L. Polk & Co. of California	-	-	-	-
1920	R. L. Polk & Co. of California	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

Niles Canyon Pedestrian Trail
Fremont, CA 94539

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

NILES CANYON RD

5500 NILES CANYON RD

Year	Uses	Source
2002	MOYA Eli	R. L. Polk & Co.
1984	COLLINS JIM	Pacific Bell
	GOLDSMITH DAN	Pacific Bell
	KNIGHT RUDY	Pacific Bell
	SCHMIDT ALEX E	Pacific Bell
1982	COLLINS JIM SUNL	Pacific Telephone
	GOOLD SCOTT SUNL	Pacific Telephone
	KNIGHT RUDY SUNL	Pacific Telephone
1979	GOOLD SCOTT	Pacific Telephone
1976	LIGHT BILL	R. L. Polk & Co.
1975	LIGHT BILL	Pacific Telephone

5550 NILES CANYON RD

Year	Uses	Source
2020	PACIFIC LOCOMOTIVE ASSN INC	EDR Digital Archive
2017	NILES CANYON QUARRY	Cole Information
2002	VIEUX Donald	Haines & Company
	VIEUX Donald	R. L. Polk & Co.
1986	BURNS BILLY G	Pacific Bell
1982	COLLINS JIM SUNL	Pacific Telephone
1973	KAISR CNTR	Pacific Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
5500 NILES CANYON RD	2020, 2017, 2014, 2010, 2006, 2005, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
5500 NILES CANYON RD	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
5500 NILES CANYON RD	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
5550 NILES CANYON RD	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
5550 NILES CANYON RD	2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
5550 NILES CANYON RD	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
5550 NILES CANYON RD	2020, 2017, 2014, 2010, 2006, 2005, 2000, 1996, 1995, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
Niles Canyon Pedestrian Trail	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920



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APPENDIX F

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRES (2)

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE
FOR CLIENT

To evaluate the potential for possible environmentally related impacts and site contamination the following information is requested. This questionnaire is to be completed by the user of the phase one environmental site assessment, or their authorized representative.

PART I

1. Property address and Assessor's Parcel Number (APN):

   The project is generally located within publicly owned lands of Alameda County, Caltrans, San Francisco Public Utilities Commission, East Bay Regional Park District, and the City of Fremont. A small segment is within public property but within a trail easment.

2. Current property owner (name, address, voice/fax number):

   See above.

3. Date current property owner assumed title of property:

   Most have been owned by the respective agency for more than 50 years.

4. Current property development/improvements:

   Most is undeveloped.

5. Past property use, development/improvements:

   On the west side, there is the former Mission Clay property that made pipe. On the east side, there is agricultural uses.

6. Neighboring property uses:

   Residential, open space, and rail.

PART II

		Yes	No	N/A
1.	Are you aware of any environmental cleanup liens against the *property* that are filed under federal, tribal, local or state law?	☐	☑	
2.	Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, tribal, state or local law?	☑	☐	
3.	Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the *property* or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	☐	☑	
4.	If a property transaction is occurring in conjunction with this environmental assessment, does the purchase price of this *property* reasonably reflect the fair market value of the *property*?	☐	☐	☑
5.	If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property?*	☐	☐	☑
6.	Are you aware of any commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, (a) do you know of specific chemicals that are present or once were present at the *property*? (b) do you know of spills or other chemical releases that have taken place at the *property*? (c) do you know of any environmental cleanups that have taken place at the *property*?	☑	☐	
7.	Based on your knowledge and experience related to the *property* are there any obvious indicators that point to the presence or likely presence of contamination at the *property*?	☐	☑	

If a "Yes" response was provided to any of the above questions, please provide details below:

I certify that the information herein is true and correct to the best of my knowledge as of the date signed below.

Name (Printed/Typed): Robert Stevens

Signature: Robert Stevens Date: 07.19.2023

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE
FOR KEY SITE MANAGER

To evaluate the potential for possible environmentally related impacts and site contamination the following information is requested. This questionnaire is to be preferably completed by the current property owner, or owner representative, leasing agent, or other person having good knowledge of the uses and physical characteristics of the property (Key Site Manager).

PART I

1. Property Address/Location and Assessor's Parcel Number (APN):

   See above response.

2. Current property owner (name, address, voice/fax number):

3. Date current property owner assumed title of property:

4. Current property development/improvements:

5. Past property use, development/improvements:

6. Neighboring property uses:

PART II - The following questions should be answered to the best of your knowledge.

1.	Is/has the *property* or any adjoining property used/been used for industrial purposes?	☑ Yes	☐ No
2.	Has the *property* or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	☐ Yes	☑ No
3.	Are there currently, or have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal in volume or 50 gal in the aggregate, stored on or used at the *property* or at the facility?	☐ Yes	☑ No
4.	Has undocumented soil been brought onto the property at any time? If yes, estimated quantity is _____ cubic yards.	☐ Yes	☑ No
5.	Has soil been brought onto the property that originated from a contaminated site or that is of an unknown origin?	☐ Yes	☑ No
6.	Are there currently, or have there been previously, any pits, ponds, or lagoons located on the *property* in connection with waste treatment or waste disposal?	☐ Yes	☑ No
7.	Is there currently, or has there been previously, any stained soil on the *property*?	☐ Yes	☑ No
8.	Are there currently, or have there been previously, any registered or unregistered storage tanks (above or underground) located on the *property*?	☐ Yes	☑ No
9.	Are there currently, or have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*?	☐ Yes	☑ No
10.	Are there currently, or have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?	☐ Yes	☑ No
11.	Are there any domestic, irrigation or monitoring wells on the property?	☐ Yes	☑ No
12.	If the *property* is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?	☐ Yes	☑ No
13.	Have you been informed of the past or current existence of *hazardous substances* or *petroleum products* or environmental violations with respect to the *property* or any facility located on the *property*?	☐ Yes	☑ No
14.	Have there been any *environmental site assessments* of the *property* or facility that indicated the presence of *hazardous substances* or *petroleum products* on, or contamination of, the *property* or recommended further assessment of the *property*?	☐ Yes	☑ No
15.	Have there been any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any *hazardous substance* or *petroleum products* involving the *property*?	☐ Yes	☑ No
16.	Has there been any past agricultural use of the *property*, such as orchards or seed crop cultivation?	☐ Yes	☑ No
17.	Have any *hazardous substances* or *petroleum products*, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the *property*?	☐ Yes	☑ No
18.	Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	☐ Yes	☑ No

If a "Yes" response was provided to any of the above questions, please provide details below:

Mission Clay see above.

I certify that the information herein is true and correct to the best of my knowledge as of the date signed below.

Name (Printed/Typed): Robert Stevens

Signature: Robert Stevens Date: 07.19.2023



DRAFT

APPENDIX G

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

SHAWN MUNGER, CHG
Principal

EDUCATION
BS Geology University of California, Davis 1985

EXPERIENCE
Years with ENGEO: 36

REGISTRATIONS & CERTIFICATIONS
Certified Hydrogeologist, CA 413

Professional Geologist, CA 5810

HAZWOPER 40 Hour Training, CA 100830513934

HAZWOPER 8 Hour Training, CA 180720576014

SPECIALIZATIONS
- Environmental Assessments and Remediation
- Environmental Restoration
- Water Quality Studies
- Water Wells/Hydrogeology

Since 1985, Shawn has been managing groundwater supply evaluations, hydrogeologic studies, chemical assessments, Phase I and II Site Assessments, UST site investigations, risk-based corrective action (RBCA), VOC remediation, and agricultural impact evaluations. He serves as Principal-in-Charge or Project Manager with extensive expertise in environmental and hazardous materials projects involving groundwater, hydrology, contaminant fate and transport, and complex remediation programs. A renowned expert in his field, Shawn has successfully solved many difficult environmental challenges to achieve desired project outcomes.

SELECT PROJECT EXPERIENCE

Heritage Fields, Great Park Neighborhoods—Irvine, CA
Principal in Charge. Shawn provided principal oversight of the preparation of over 50 phase I and Phase II Environmental Site Assessments for the former El Toro Marine Corps Air Station (MCAS). The site is currently under development as a large-scale mixed-use development including several schools, residential subdivisions, recreational facilities and commercial development. Shawn also provided consultation regarding environmental site characterization and remediation at the site.

Hanover Cannery Park Project No. 14-473—San Jose, CA
Principal in Charge. Shawn provided principal oversight and review of the Phase I ESA, and soil, groundwater, and soil gas sampling. The historical use of the site resulted in chlorinated solvent impacts to groundwater and soil gas. Results were communicated to the client as well as the oversight regulatory agency to come with the proposed remediation. The project consists of redeveloping an approximately 9-acre commercial/industrial property listed on the California Regional Water Quality Control Board's GeoTracker database as an open site assessment cleanup program site. Elevated concentrations of VOCs (specifically PCE and TCE) have been previously detected in soil, groundwater, and soil gas at the property.

Mission Village—Valencia, CA
Principal in Charge. Shawn provided principal oversight of multiple phase I/II environmental site assessments and site remediation. The project site consists of a large scale, residential and mixed-use subdivision, which was a former oil/gas production field, with more than 40 abandoned oil/gas wells.

Vita Pakt—Covina, CA
Principal in Charge. Shawn provided principal oversight of phase I/II environmental site assessments and risk evaluations. The approximately 5.9-acre site formerly operated as fruit processing and dehydration business (ceased operation by 2016) and is planned to be redeveloped into residential housing. Subsurface soil gas impacts were identified in association with past operations.

Innovation at Warm Springs—Fremont, CA
Principal in Charge. Shawn provided oversight of the preparation of Phase I and II ESAs, along with a Preliminary Endangerment Assessment (PEA) for a new elementary school site. The approximately 109-acre site is currently occupied by a parking lot, warehouse buildings, agricultural fields, and UPRR railroad tracks. The southern portion of the Property was a part of the former auto manufacturing and distribution facility jointly owned by Toyota and General Motors. The northern portion of the Property has been used for agricultural purposes since at least the late 1930s. Additionally, railroad tracks are present along the eastern boundary of the Property.

Former gasoline ASTs existed on the Property, along with a pump station and fuel dispensers, which were removed in 2010. The former car wash area also had a wastewater recovery system, which included oil/water separators, clarifiers, and interceptor tanks. One UST was located in the southeast portion of the agricultural fields, which was removed in 2004. Four 10,000-gallon diesel and gasoline USTs were formerly located in the southwestern portion of the Property in the haul-away parking lot area. Mixed-use redevelopment is planned for the Property. A phase II ESA was recommended for the Site, including soil and groundwater sampling.

277 Fairchild 228/236 Evandale Ave—Mountain View, CA
Principal in Charge. Shawn provided oversight of soil, groundwater and soil gas characterizations, risk evaluations and Response Action Plan preparation under USEPA oversight. The site is within the Middlefield-Ellis-Whisman (MEW) Superfund site, contaminated with chlorinated solvents from legacy semiconductor plant operations. On-going remedial activities included soil vapor extraction, groundwater treatment using bioaugmentation, and groundwater/soil gas monitoring. The proposed site development consists of detached single-family homes and townhomes.

The Rivers—West Sacramento, CA
Principal in Charge. Shawn provided oversight of during the preparation of a Removal Action Workplan (RAW) in coordination with CAL-EPA DTSC. The property is a proposed charter school site. ENGEO performed environmental site characterization work to address residual pesticide contamination die to historic termiticide applications. A Removal Action Workplan was developed under the oversight of CAL-EPA to excavate and remove the pesticide impacted soils. Remedial activities were completed in 2018 and DTSC issued a “no further action” letter.

Sparklizing Cleaners and Laundry—Fremont, CA
Group Leader, Principal in Charge, Project Manager. Shawn provided principal review and data analysis for this former dry cleaning facility, which had released tetrachloroethylene (PCE) to site soil and groundwater.

The project site consists of a dry-cleaning facility located within a commercial/retail center. Dry-cleaning operations have been conducted at the facility since 1974 and have resulted in chlorinated solvent impacts to soil and groundwater beneath the site. As a result, the CRWQCB opened a Spills, Leaks, Investigations, and Cleanups (SLIC) case and the site was referred to the Alameda County Water District (ACWD) for lead agency oversight. A series of soil and

groundwater investigations identified a source area beneath the drycleaner suite and an adjoining retail suite. ENGEO prepared a Corrective Action Plan (CAP) and coordinated the in-situ chemical oxidation program, which consisted of injecting 35,000 gallons of potassium permanganate to the subsurface to oxidize chlorinated solvents. The project is currently in the post remediation monitoring phase.

Pleasant Hill BART Station—Walnut Creek, CA
Principal in Charge. Shawn provided oversight, data analysis and consultation during the preparation of a Phase II Environmental Site Assessment. The property is an existing BART station that encompasses 20 acres, including the platform/station area, electrical facilities, a parking garage and additional paved parking areas.

Westshore—Richmond, CA
Project Manager. Shawn conducted Phase I and II Site Assessments, risk evaluations and prepared a soil management plan. The property was a former automotive manufacturing plant proposed for a multi-unit condominium development, including a 6-story podium structure to include five residential floors with 269 units and one parking floor.

Rancho Miramonte—Chino, CA
Principal in Charge. Shawn performed Principal review of ENGEO's environmental documents for this large former dairy facility, proposed for a large-scale detached single-family residential subdivision. Issues with the site included former leaking USTs, nitrate impacts from manure disposal, and surface water impairments. The project was approved for development by the County Environmental Health Department.

Hercules Property—Hercules, CA
Project Manager. Shawn provided oversight of a Phase I Environmental Site Assessment, site asbestos survey, site characterization, and demolition observation/contaminant assessment. The project area consists of ±167 acres located near and along the southeastern shore of San Pablo Bay in Hercules. The property was once a portion of a 1300-acre manufacturing facility that was operated by DuPont from 1879 to 1913 and Hercules Incorporated from 1913 to 1979. The planned development includes single/multi-family residential development with some commercial components.

Highlands Ranch—Pittsburgh, CA
Principal in Charge. Shawn provided oversight, data analysis, and collaboration with RWQCB personnel. The project site consists of a 140-acre portion of the former Chevron Los Medanos Tank Farm located in Pittsburg, California. The site was historically occupied by 24 crude oil tanks and four wax ponds. Remediation of the crude oil tank and wax pond locations was conducted according to a remedial action plan (RAP) and oversight was provided by the CRWQCB. Remediation was performed over a period of four months and consisted of excavating approximately 110,000 cubic yards of impacted soil and placing the material in windrows for ex-situ bioremediation.



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APPENDIX F

TRAIL STUDY

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MEMORANDUM

TO: Shanna Guiler

FROM: Robert Stevens, PE, TE

CC: Mike Vidra

DATE: 03.25.2022

SUBJECT: Trail users and associated parking demand and traffic generated by the Niles Canyon Trail

This memorandum estimates trail use, parking demand, and traffic generated from the development of the Niles Canyon Trail. The project will be constructed in three phases. Phase 1 is the segment that extends from the existing Alameda Creek staging area to Palomares Road with its gateway in Niles. Phases 2 and 3 extend the trail to the unincorporated Alameda County community of Sunol. This analysis focuses primarily focuses on Phase 1, which will be initially constructed. We expect to use user and parking data collected in Phase 1 to help refind the demand for phases 2 and 3.

Trail Demand

Predicting trail user data is complicated. However, as the Niles Canyon Trail can be considered an extension of the Alameda Creek Trail (ACT), we have acquired data from the East Bay Regional Park District (EBRPD) on user demand at three locations along the ACT as shown in Figure 1 and described as follows:

- Site 5 – At Dry Creek
- Site 6 – Near Quary lakes
- Site 7 – Near Ardenwood Boulevard

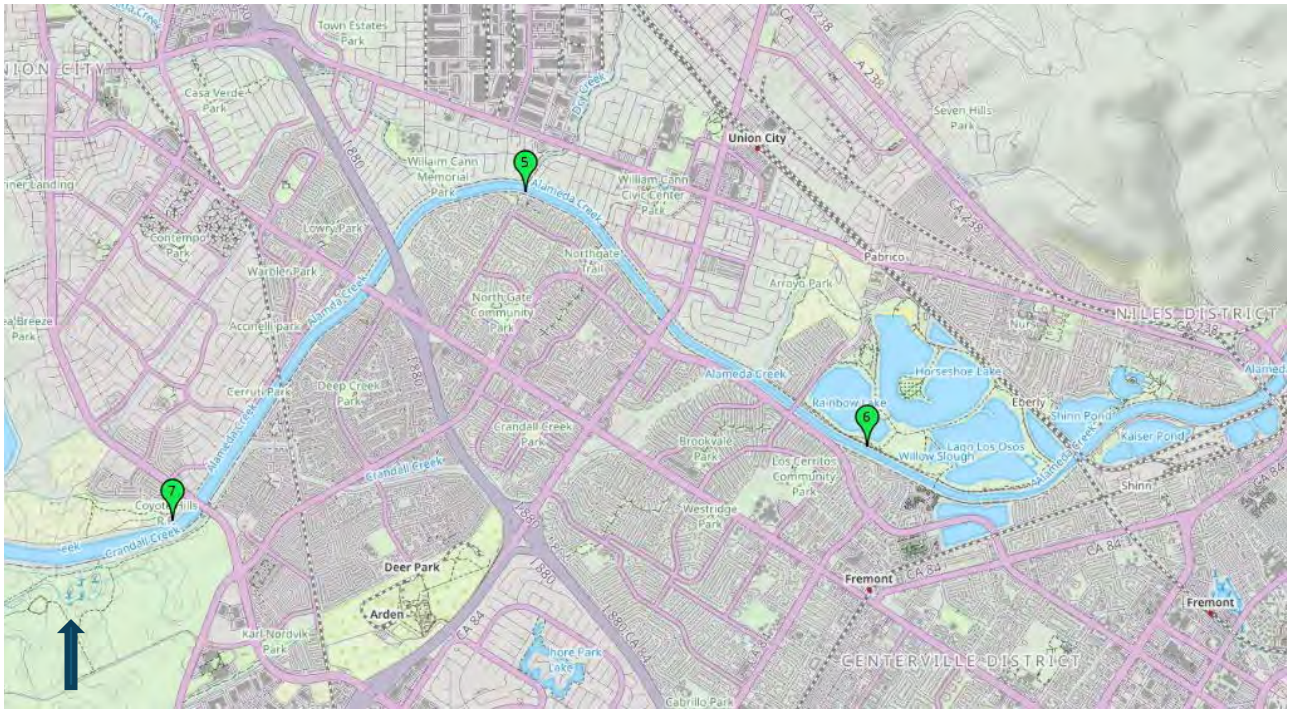


Figure 1 – EBRBD Trail Counters along the Alameda Creek Trail

Looking at the 2021 user data, the following summarizes average daily trips per day of the week as well as peak day use at each location:

Table 1. Average Daily and Peak Day Trips in 2021

	Location 5	Location 6	Location 7
Monday	229	191	104
Tuesday	216	195	100
Wednesday	218	186	103
Thursday	215	191	96
Friday	227	183	103
Saturday	352	233	136
Sunday	352	223	135
Peak Trip	824	508	303

The average daily trail users from September 2010 to February 2022 for sites 5, 6, and 7 is 245, 185, and 110 respectively. Thus, when comparing these values to the 2021 data, trail use remains reasonably consistent indicating that COVID-19 did not create a major impact on demand.

In general, the weekends have heavier use than the weekdays. Looking at the sites, locations 6 and 7 have more similar land uses as the Niles Canyon Trail, so they represent a reasonable approximation of users. Averaging between the two, this would represent about 180 average daily trail users. The trails are generally used from 6 AM to about 8 PM, with peaks in the morning and evening as shown in the following figure for location 6 during 2021.

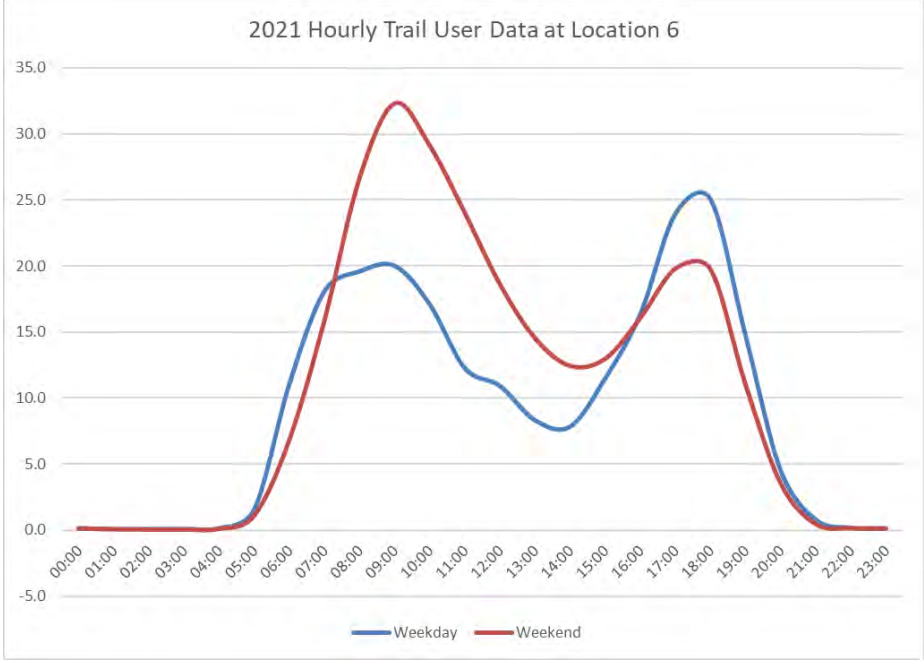


Figure 2 – Hourly Trail User Data at Location 6

During the peak hour, there are a little more than 30 trails users on the trail on a Saturday at 9 AM and about 25 using the trail on a weekday at 6 PM.

The total length of the proposed trail is approximately 6 miles, which compares approximately with the Alameda Creek trail illustrated in Figure 1, which is almost 5 miles. If we assume an average trail user can travel about 3 miles in an hour and spends about 1.5 hours on site, the majority of users typically only access a small segment of the trail traveling about 1.5 miles out and back. These users will gain access at staging areas located in Niles, Palomares Road, and Sunol.

If we were to assume that each of the three segments of trail could have 30 users during the peak period, that would be a total of about 90 users. However, because the population density in Niles is much higher than Sunol, these users would not be uniformly distributed. The Stroll and Roll events held in 2015, 2017, and 2019 are helpful at gaging the distribution of users at the staging area. Typically, 60% of the users originate in Niles and 40% in Sunol. Therefore, if we assumed 60% of the 90 total users originated in Niles, that would be 54 with the remaining 36 gaining access in Sunol. Assuming that 10% of the Niles users will access at Palomares, that would be 6 with the remaining 48 in Niles.

We would expect that many trail users would live near the staging area or would travel together rather than in sole occupancy vehicles. To be conservative, we will assume that 50% of the peak users require parking. The following summarizes peak parking demand.

Table 2. Peak Trail User Parking Demand

Staging Area	Peak User Demand	Parking Stall Demand
Niles	48	24
Palomares Road	6	3
Sunol	36	18

Like the peak hour analysis, the average day demand of 180 users can be distributed as follows:

Table 3. Total Trail User Demand per Day

Staging Area	Total User Demand per Day	One Way Vehicle Trips
Niles	292	146
Palomares Road	32	16
Sunol	216	108

Parking Assessment

The project intends to create enhancements to link trail users to parking facilities at Alameda Creek and within downtown Niles. Based upon our observations, the Farmer's Market, which occurs in Downtown Niles consumes all available parking during the peak Saturday morning trail use. Thus, the project proposes to offer parking at the currently underutilized Vallejo Mill facility to serve users entering the trail at Niles. This facility has the ability to be expanded based upon trail demand. Figure 3 illustrates parking demand for various locations within Niles collected on November 12, 13, and 14, 2021.

For the Sunol side of the trail, there is no public parking available except at the Tyler Staging Area currently under construction by the EBRPD. Conceptually, the EBRPD could share this parking area with the Niles Canyon Trail. The July 2012 Initial Study and Mitigated Negative Declaration prepared by the EBRPD for the Pleasanton Ridge Regional Park Land Use Plan concluded that the Tyler Ranch Staging Area would fill to capacity twice daily on a peak day such as a Sunday in spring. The report notes that this is a "conservative" assumption. Thus, for the majority of the time, the parking stalls would be vacant. Therefore, there is an opportunity to share parking with the Niles Canyon Trail.

The following table illustrates peak period parking for the Niles Canyon Trail.

Table 4. Availability of Parking Stalls.

Parking Area	Total Number of Stalls	Occupancy During Peak Period	Available Number of Stalls During Peak
Town Plaza - Niles	76	>100%	0
Railroad Depot – Niles	122	93%	8
Alameda Creek – Niles	13	100%	0
Vallejo Mill - Niles	30	<25%	22
Palomares – Niles	13	Not Applicable	13
Tyler Ranch - Sunol	70	About 50%	35

Thus, there is a small deficit in the number of parking stalls at the Niles staging area. The recommendation is to add approximately 10 more stalls to the parking area. At the Sunol side, Alameda County should monitor parking at Tyler Ranch to determine if sufficient parking exists during peak periods to server both the Niles Canyon and EBRPD use.

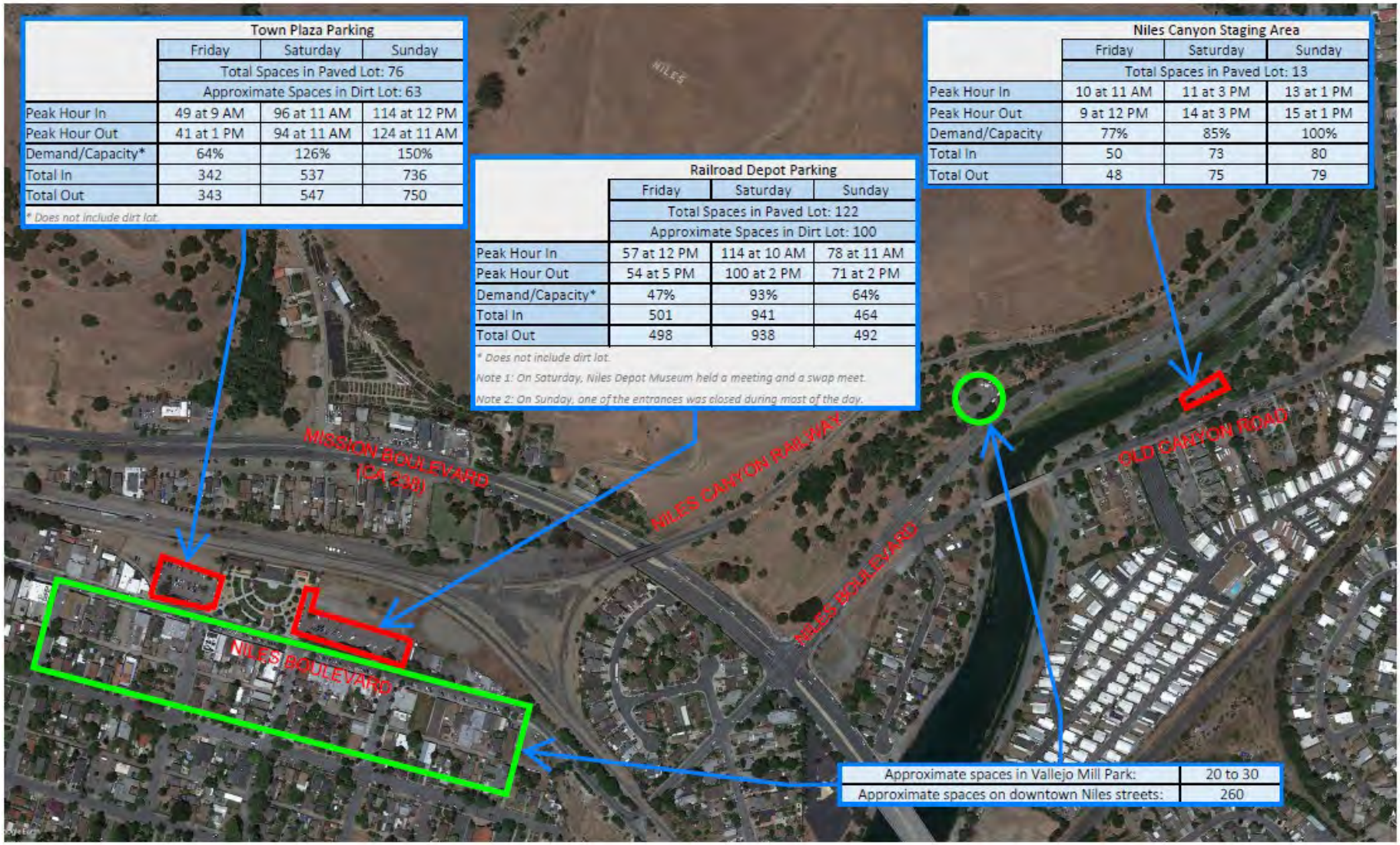


Figure 3 – Available Parking in the Niles District

Vehicle Trips

Table 3 above illustrates the total number of vehicle trips anticipated to visit the staging area during a 24 hour period. The total vehicle trips are double as visitors travel in and out from a staging area as noted in the following table:

Table 5. Total Vehicle Trips to Staging Areas

Staging Area	Total Vehicle Trips
Vallejo Mill - Niles	292
Palomares – Niles	32
Tyler Ranch - Sunol	216

According to the State of California Department of Transportation, State Route 84 has an Annual Average Daily Traffic volume of 15,000 vehicles. Thus, the additional trips generated by the trail are insignificant.

The Initial Study and Mitigated Negative Declaration (IS-MND) prepared by the East Bay Regional Park District for the Pleasanton Ridge Regional Park Land Use Plan evaluated traffic for the Tyle Ranch Staging Area. The report found that the project would generate a peak total of 360 daily vehicle trips, which would only occur several days each year. This typically would occur on Sundays and holidays and therefore would generate few vehicle trips during the weekday peak commute traffic periods. Since existing average daily traffic on Foothill Road is about 200 vehicles (confirmed by a traffic count in January 2022), the IS-MND notes that the probability of traffic delays on Foothill Road due to the additional traffic would be low.

Recommendations

Predicting trail user data is difficult. Fortunately, data is available for other regional trails that can help in the planning process. As trail use typically peaks on the weekends, it does not conflict with commute traffic. However, high trail demand can create complications in neighborhoods should insufficient off street parking be provided by the project. To manage the Niles Canyon Trail, we recommend the following:

1. Develop maps and wayfinding system to guide users to parking for the Niles Canyon trail.
2. Establish no parking zone along Old Canyon Road.
3. Provide trail connectivity to parking provided in downtown Niles and Vallejo Mill.
4. Expand the parking at Vallejo Mill by no less than 10 stalls.
5. Upon completion of phase 1 of the Niles Canyon Trail, record daily trail use for a period of 1 year to determine average and peak data. Include interview to determine how users get to the trail.
6. Upon completion of the Tyler Ranch staging area, record hourly parking data for one month in spring to determine average and peak data. This should also include a holiday weekend where the EBRPD typically expects high user demand.

By developing the trail incrementally and collecting data on use, future planners can guide phases 2 and 3 of Niles Canyon Trail that minimize impact on residents and stakeholders within Niles Canyon.