June 15, 2022

Mr. Eric Byous
EPA TBA Project Manager
U.S. EPA Northern California Field Office
75 Hawthorne Street
San Francisco, California 94105

Subject: **Final Phase I Environmental Site Assessment**
Targeted Brownfields Assessment at Samoa – Redwood Marine Terminal 1 – Samoa Pacific Group Parcels
U.S. Environmental Protection Agency (EPA) Region 9, Resource Conservation and Recovery Act (RCRA) Enforcement, Permitting, and Assistance (REPA) Contract No. 68HERH19D0018, Task Order No. 68HE0920F0007

Dear Mr. Byous:

Toeroek Associates, Inc. (Toeroek) and Tetra Tech, Inc. (Tetra Tech) (hereafter, the "Toeroek Team") submit the enclosed Phase I Environmental Site Assessment (ESA) for a Targeted Brownfields Assessment (TBA) at the Samoa – Redwood Marine Terminal 1 – Samoa Pacific Group Parcels (subject property) in Samoa, Humboldt County, California. The goal of the Phase I ESA is to identify recognized environmental conditions (RECs), historical RECs, and controlled RECs to the subject property. Development of this Phase I ESA accorded with industry standard practice for Phase I ESAs.

This deliverable has been reviewed internally as part of Tetra Tech's quality assurance program, as well as Toeroek's quality assurance program, and is consistent with Toeroek's Quality Management Plan for the REPA contract. Documentation of this review is retained in the Toeroek Team's project files.

If you have any questions or comments, please contact Greg Hanna at (720) 898-4102 or Savannah Russell at (916) 853-4550.

Sincerely,

Greg Hanna
Toeroek Team Program Manager

Savannah Russell
Toeroek Team Project Manager

Enclosure: Final Phase I ESA
Response to Comments

cc: Lisa Hanusiak, EPA Region 9 TOCOR
Jinky Callado, EPA Region 9 Alternate TOCOR
Toeroek Team files

PHASE I ENVIRONMENTAL SITE ASSESSMENT

SAMOA – REDWOOD MARINE TERMINAL 1 – SAMOA PACIFIC GROUP PARCELS SAMOA, CALIFORNIA TARGETED BROWNFIELDS ASSESSMENT (TBA)

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) ENFORCEMENT, PERMITTING, AND ASSISTANCE (REPA) CONTRACT

CONTRACT NO. 68HERH19D0018; TASK ORDER NO. 68HE0920F0007

Prepared for:

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June 15, 2022

Final

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ACRONYMS AND ABBREVIATIONS

AAI Rule	All Appropriate Inquires Rule
ACM	Asbestos-containing material
Applicant	Humboldt Bay Harbor, Recreation and Conservation District
AST	Aboveground storage tank
ASTM	ASTM International
bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and xylene
CEG	Certified Engineering Geologist
CFR	*Code of Federal Regulations*
CPS	Cleanup Program Sites
CREC	Controlled recognized environmental condition
EDR	Environmental Data Resources, Inc.
EP	Environmental Professional
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
HREC	Historical recognized environmental condition
LBP	Lead-based paint
LUST	Leaking underground storage tank
MTBE	Methyl tert-butyl ether
NFA	No further action
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyl
PCP	Pentachlorophenol
RCRA	Resource Conservation and Recovery Act
REC	Recognized environmental condition
SHN	SHN Engineers & Geologists
SLIC	Spills, Leaks, Investigations, and Cleanups
subject property	Samoa – Redwood Marine Terminal 1 – Samoa Pacific Group Parcels site
SWRCB	State of California Water Resources Control Board
TBA	Targeted Brownfields Assessment
TCP	1,2,3-Trichloropropane
THA	Timber Heritage Association
Toeroek Team	Toeroek Associates, Inc., and its subcontractor, Tetra Tech, Inc.
TPH	Total petroleum hydrocarbons
TPH-d	Total petroleum hydrocarbons as diesel
TPH-mo	Total petroleum hydrocarbons as motor oil

ACRONYMS AND ABBREVIATIONS (CONTINUED)

User	Humboldt Bay Harbor, Recreation and Conservation District
USGS	U.S. Geological Survey
UST	Underground storage tank
VEC	Vapor encroachment condition
VOC	Volatile organic compound
Weston	Weston Solutions, Inc.

EXECUTIVE SUMMARY

The U.S. Environmental Protection Agency (EPA) Region 9 tasked Toeroek Associates, Inc., and its subcontractor, Tetra Tech, Inc., (hereinafter the "Toeroek Team") to conduct a Phase I Environmental Site Assessment (ESA) of the Samoa – Redwood Marine Terminal 1 – Samoa Pacific Group Parcels (subject property), an approximately 40-acre portion of a 300-acre former lumber mill located in Township 5 North, Range 1 West, on the Samoa Peninsula in Samoa, Humboldt County, California (see Figure 1 in Appendix A).

The subject property has been historically referred to as the John Vance Mill and Lumber Company, Hammond Lumber Company, Georgia Pacific, Louisiana Pacific Corporation, and Simpson Timber. In 1889, real estate developers formed the Samoa Land and Improvement Company and purchased 270 acres of land on the peninsula opposite of Eureka, California. In 1892, the John Vance Mill and Lumber Company purchased land on the peninsula and built a sawmill and shop complex (Timber Heritage Association [THA] 2022). The land changed ownership multiple times, while remaining a lumber mill and continually expanding over time, until the former lumber mill parcels were listed for sale in 2001.

The Humboldt Bay Harbor, Recreation and Conservation District requested assistance under the Targeted Brownfields Assessment (TBA) program from EPA Region 9 to assess current environmental conditions at the subject property. The Toeroek Team conducted this Phase I ESA in accordance with ASTM International (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-13) (ASTM 2013), and otherwise in compliance with EPA's "All Appropriate Inquiries" Rule (AAI Rule) (40 *Code of Federal Regulations* [CFR] Part 312).

The purposes of the Phase I ESA were to identify recognized environmental conditions (RECs), historical RECs (HRECs), and controlled RECs (CRECs) associated with the subject property, if present.

Findings and Opinions

The following findings and opinions resulted from the Phase I ESA, primarily based on interviews, examination of historical documentation, and the site reconnaissance.

RECs to the Subject Property:

- The Samoa Roundhouse Site Phase II ESA (Weston 2017) found lead and dioxin/furan contamination in soil; metals and total petroleum hydrocarbons (TPH) as diesel (TPH-d) contamination in groundwater; arsenic, barium, cadmium, chromium, lead, silver, and TPH as motor

oil (TPH-mo) concentrations in wipe samples collected on surfaces in four site buildings, and asbestos-containing material (ACM) and lead-based paint (LBP) in some interior and exterior building materials on the site. This site has not been cleaned up at the time of this report and is a REC to the subject property.

- Two refuse burners on the subject property from 1920 to approximately 1969 may have contributed dioxin/furan or polycyclic aromatic hydrocarbon (PAH) contamination to the subject property. The presence of these former refuse burners is a REC to the subject property.
- A sawmill and planing mill were present on the subject property from 1920 to approximately 1969, and a powerhouse, fuel house, boiler house, and pipe house were present on the subject property from 1949 to approximately 2005. The presence of these former structures associated with heavy machinery, lubricants, and fuels on the subject property is a REC to the subject property.
- The former and existing subject property buildings were constructed prior to 1978 and LBP was possibly used during initial construction. The possible presence of lead contamination in the soil along the existing roof drip lines and former building footprint drip lines from externally applied LBP is a REC to the subject property.
- Multiple sites and uses were identified in the Environmental Data Resources, Inc. (EDR) Radius Map Report as facilities that contain chemicals of concern or petroleum products and are a vapor encroachment condition to the subject property.

Environmental Concerns to the Subject Property:

- Utilities present in the subsurface throughout the subject property provide a migration pathway for undefined or defined contamination present in soils and groundwater on and adjacent to the subject property. The potential for utilities to provide a migration pathway is an environmental concern to the subject property.
- Underground stormwater piping and catch basins within the subject property may contain accumulated sediment or liquids that are potentially hazardous, which is an environmental concern to the subject property.
- Lorenzo's Shell Service was listed in the EDR Radius Report and on the State of California Water Resources Control Board's (GeoTracker website as a leaking underground storage tank cleanup site. Deed restrictions were issued in 2010, and a no further action letter was issued in 2013. Because Lorenzo's Shell Service is located topographically and hydrologically upgradient from the subject property, the site is an environmental concern to the subject property.

- A recreational boat repair facility is present on the subject property. No information was available to confirm the facility is in compliance with environmental requirements.

Recommendations

Conclusions of this Phase I ESA are based primarily on a review of available public records and according to accepted practices. No official judgment about levels or extent of contamination associated with any site can occur without conducting an environmental investigation that includes sampling and chemical analysis. Therefore, the Toeroek Team recommends further sampling and assessment of the subject property to evaluate the impact of or eliminate the RECs identified during the Phase I ESA investigation. Further assessment should include the following:

Recommendations regarding RECs:

- Further characterize the lead and dioxin/furan contamination in soil and metals and TPH-d in groundwater beyond the perimeter of the Samoa Roundhouse Site.
- Characterize the dioxin/furan and PAH contamination in soil around the former refuse burners on the subject property.
- Collect subsurface soil and groundwater samples within the former sawmill, planing mill cogeneration power plant, powerhouse, fuel house, boiler house, and pipe house building foundation boundary for metals, TPH, volatile organic compounds, methyl tert-butyl ether, and benzene, toluene, ethylbenzene, and xylene analysis.
- Collect surface soil samples within former building foundation and drip line boundaries for lead and asbestos analysis.

Recommendations Regarding Environmental Concerns:

- Collect sediment samples within each stormwater inlet drain for metals and TPH analysis.
- Confirm the recreational boat repair facility is in compliance with environmental requirements.

1.0 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) Region 9 tasked Toeroek Associates, Inc. and its subcontractor, Tetra Tech, Inc., (hereinafter the "Toeroek Team") to conduct a Phase I Environmental Site Assessment (ESA) of the Samoa – Redwood Marine Terminal 1 – Samoa Pacific Group Parcels (subject property), an approximately 40-acre portion of a 300-acre former lumber mill located in Township 5 North, Range 1 West, on the Samoa Peninsula in Samoa, Humboldt County, California. The Toeroek Team did not receive a legal description of the subject property (see Figure 1 in Appendix A).

The subject property has been historically referred to as the John Vance Mill and Lumber Company, Hammond Lumber Company, Georgia Pacific, Louisiana Pacific Corporation, and Simpson Timber. In 1889, real estate developers formed the Samoa Land and Improvement Company and purchased 270 acres of land on the peninsula opposite of Eureka, California. In 1892, the John Vance Mill and Lumber Company purchased land on the peninsula and built a sawmill and shop complex (Timber Heritage Association [THA] 2022). The land changed ownership multiple times, while remaining a lumber mill and continually expanding over time, until the former lumber mill parcels were listed for sale in 2001.

The Toeroek Team conducted this Phase I ESA in accordance with ASTM International (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-13) (ASTM 2013), and otherwise in compliance with EPA's "All Appropriate Inquiries" Rule (AAI Rule) (Title 40 *Code of Federal Regulations* [CFR] Part 312). For the purpose of this Phase I ESA, the *users* are defined as EPA and the Humboldt Bay Harbor, Recreation and Conservation District (ASTM 2013 [Section 3.2.98]). EPA tasked the Toeroek Team to conduct a Phase I ESA of the subject property to identify recognized environmental conditions (RECs), historical RECs (HRECs), and controlled RECs (CRECs) to the subject property.

1.1 PURPOSE

The primary goal of this Phase I ESA is to identify RECs, HRECs, and CRECs to the subject property. A REC is the presence or likely presence of any hazardous substance or petroleum product in, on, or at a subject property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term includes hazardous substances or petroleum products, even under conditions in compliance with laws. Furthermore, the term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment, and that generally would not be the subject of an

enforcement action if brought to the attention of appropriate governmental agencies (ASTM 2013 [Section 1.1.1]). A HREC is a past release of any hazardous substance or petroleum product that has occurred in connection with the subject property and has been addressed to the satisfaction of the applicable regulatory authority or has met unrestricted use criteria established by a regulatory authority without subjecting the subject property to any required controls (ASTM 2013 [Section 3.2.42]). A CREC is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (ASTM 2013 [Section 3.2.18]).

This Phase I ESA is intended to satisfy one of the requirements for the innocent landowner defense, the contiguous property exemption, and the bona fide prospective purchaser exemption to Comprehensive Environmental Response, Compensation, and Liability Act liability; that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the subject property consistent with good customary practice," as defined in 42 *United States Code* Section 9601 (35)(B).

1.2 SCOPE OF WORK

The scope of work, based on ASTM E1527-13, is to identify RECs, HRECs, and CRECs at the subject property. Phase I ESAs are typically conducted in a four-phase process: (1) records review; (2) site reconnaissance; (3) interviews with current and previous owners and occupants of the subject property, owners and occupants of the adjacent property, and local government agencies; and (4) preparation of a report.

Any items listed in the ASTM standard not explicitly identified in the report can be assumed to not be present within the subject property or within such distance to the subject property as to be of potential concern. Any item mentioned but not explicitly identified as a REC, HREC, or CREC can be assumed not to be a REC, HREC, or CREC.

1.3 SIGNIFICANT ASSUMPTIONS

The following are beyond the scope of this evaluation:

- Assessment of radon in indoor air and lead in drinking water;
- Evaluations of indoor and outdoor air quality, regulatory compliance, industrial hygiene, and noise impacts; and
- Identification of geological or geotechnical hazards.

1.4 DEVIATIONS

Deletions or deviations from ASTM E1527-13 are provided in the bulleted list below. For each deviation noted, the Toeroek Team environmental professional (EP) has conducted an analysis of the data gaps or failures and of impacts of the deviation on the Toeroek Team's ability to render an opinion regarding conditions indicative of releases or threatened releases of petroleum products or hazardous substances.

- No visual inspection of some buildings and areas on the subject property was performed due to occupational and on-site activities, and due to being locked.
- No inspection or evaluation of the offshore portions of the subject property was performed.
- No interviews with adjacent property owners or occupants other than Humboldt Bay Harbor, Recreation and Conservation District personnel were conducted. ASTM E1527-13 does not require interviews with adjacent property owners unless a property has been abandoned and potential unauthorized uses or evidence of uncontrolled access to the abandoned property is evident. Documentation and observations indicate the subject property will be used by the Humboldt Bay Harbor, Recreation and Conservation District. Future development of the subject property is intended to be used for an offshore wind turbine assembly facility and deployment port. The EP believes that information obtained from other adjacent property owners or occupants would likely not add to information obtained from other resources.
- No environmental lien search specific to the subject property was performed for completion of this report as this is the users' responsibility as defined in ASTM E1527-13. No environmental liens were noted in the documentation provided by the users or in the environmental database report.

1.5 LIMITATIONS AND EXCEPTIONS

This report was based partially on information supplied to the Toeroek Team from outside sources and on other information available in the public domain. The conclusions and opinions reported herein are based on the information the Toeroek Team obtained in compiling the report. This information is on file at the Toeroek Team's office in Lakewood, Colorado. The Toeroek Team makes no warranty as to the accuracy of statements made by others that may be contained in this report nor are any other warranties or guarantees, expressed or implied, included or intended by the report except that it has been prepared in accordance with current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Because the facts forming the basis for this report are subject to professional interpretation, differing

conclusions could be reached. The Toeroek Team does not assume responsibility for discovery and elimination of hazards that could possibly cause accidents, injuries, or damage. Compliance with submitted recommendations or suggestions does not assure elimination of hazards or fulfillment of the user's obligations under local, state, or federal laws or any modifications or changes to such laws. None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

1.6 SPECIAL TERMS AND CONDITIONS

There were no special terms or conditions for this Phase I ESA.

1.7 STATEMENT OF USER RELIANCE

This report is an instrument of service of the Toeroek Team and includes research and a review of specified and reasonably ascertainable information and a reconnaissance of the subject property to identify RECs, CRECs, HRECs, and de minimis conditions, in general accordance with ASTM E1527-13. The scope of services and the report have been completed for the exclusive use of EPA Region 9 and the Humboldt Bay Harbor, Recreation and Conservation District solely for their use of and reliance on results in the Phase I ESA of the subject property.

Accordingly, the Toeroek Team's findings and opinions related in this report may not be relied upon by any party except for EPA Region 9 and the Humboldt Bay Harbor, Recreation and Conservation District without the consent of the Toeroek Team. The Toeroek Team may be available to contract with other parties to develop findings and opinions related specifically to such other parties' unique risk management concerns related to the subject property.

2.0 SITE LOCATION AND DESCRIPTION

This section briefly describes the subject property and the physical setting based on information obtained from EPA Region 9, the Humboldt Bay Harbor, Recreation and Conservation District, and a records review prior to the site reconnaissance. Observations during the site reconnaissance regarding current land uses at the subject property and adjoining properties are described in Section 4.0.

2.1 SITE LOCATION

The subject property is located on the Samoa Peninsula in Samoa, California. For the purposes of this Phase I ESA, the subject project is an approximately 40-acre portion of a 300-acre property previously used for lumber and plywood mill operations (see Figure 1 in Appendix A). The Samoa Pacific Group is the owner of the subject property.

The subject property is depicted on the U.S. Geological Survey (USGS) 7.5-minute series Eureka topographic quadrangle maps (Appendix A) in Township 5 North, Range 1 West (see Figure 1 in Appendix A). Coordinates at the approximate center of the subject property are 40°49'1.08"N and 124°11'4.37"W.

2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The subject property is located to the south of the town of Samoa, California, on the southern shore of the Samoa Peninsula. Figure 1 in Appendix A illustrates the subject property location and approximate boundaries. The subject property is an approximately 40-acre portion of a 300-acre property that was previously used for lumber and plywood mill operations and includes adjacent offshore areas to the east.

2.3 CURRENT AND PAST USES OF THE SUBJECT PROPERTY

The subject property is currently occupied by a recreational boat repair facility and is used to store stockpiled soil and steel to be recycled.

In 1889, the Samoa Land and Improvement Company purchased 270 acres of land on the peninsula opposite of Eureka, California. In 1892, the John Vance Mill and Lumber Company purchased land on the Samoa Peninsula for the construction of a new sawmill after their Eureka, California, mill burned in a fire (THA 2022). In 1893, the Eureka and Klamath River Railroad connected the Samoa Peninsula and Arcata, California, providing a more efficient means of logging imports to the sawmill operations (Academic 2022). In 1900, the Hammond Lumber Company acquired the sawmill, adding a sash and door factory in 1909. In

1912, the sawmill was recognized as the "Hammond Lumber Company" (Academic 2022). Between 1917 and 1919, the Hammond Lumber Company built an emergency shipyard to help with the United States efforts in World War I and seven wooden steam ships were built at the Samoa facility (Academic 2022). In 1956, Georgia Pacific acquired the mill, adding a plywood mill in 1958. In 1963, Georgia Pacific developed the bleached kraft pulp mill to the west of the subject property and replaced the old sawmill with a modern sawmill in 1964 (Truscott 2022). In 1972, the Louisiana Pacific Corporation acquired the former lumber mill and continued operations until the last old growth timber was milled in 1980. In 1994, the pulp mill to the west of the subject property was converted to a chlorine-free pulp mill. The Simpson Timber Company acquired the former lumber mill in 1998 and listed the former lumber mill for sale in 2001. Currently, the property is owned by the Samoa Pacific Group.

2.4 DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON THE SITE

The subject property contains no structures (Figure 3). A portion of the recreational boat repair facility structure is located on the subject property.

2.5 CURRENT AND PAST USES OF ADJOINING/SURROUNDING PROPERTIES

The areas surrounding the subject property were originally vacant and undeveloped. When the lumber mill was developed, the Samoa Roundhouse Site and the town of Samoa was erected in support of the logging activities on the subject property. The pulp mill to the south of the subject property was constructed in 1963.

2.6 GEOLOGIC, HYDROGEOLOGIC, HYDROLOGIC, AND TOPOGRAPHIC CONDITIONS

The following subsections describe the environmental setting of the subject property and surrounding area.

2.6.1 Topography

The subject property is depicted on the USGS 7.5-minute series Eureka topographic quadrangle maps (Appendix A; USGS 2018); the subject property is 17 feet above mean sea level. The topographic gradient of the area is generally flat with a very gradual slope to the south toward the Pacific Ocean (Environmental Data Resources Inc. [EDR] 2021a).

2.6.2 Geology and Soils

The subject property is located on the Samoa Peninsula within the Coastal Ranges Physiographic Province. The Samoa Peninsula is a narrow sand spit running parallel to the coast, separating the Pacific Ocean and Humboldt Bay. The Samoa Peninsula is broken in the center by the entrance to Humboldt Bay, which stretches 12 miles along the coast and ranges from 0.5 to 4 miles wide. Jacoby Creek and Freshwater Creek discharge to the north end of the bay, and the Elk River and Salmon Creek discharge to the south end of the bay (Weston Solutions, Inc. [Weston] 2017).

The surficial soil at the subject property is characterized as undeformed marine shoreline and aeolian deposits of the Holocene and late Pleistocene, consisting of gravel and sand deposited in marine terraces, on benches, and on dunes along the current shorelines (McLaughligh and others 2000 as cited in Weston 2017). The City of Eureka is located on the opposite side of Humboldt Bay, approximately 1 mile to the south-southeast of the subject property. The bedrock in the area of Humboldt Bay is Paleocene-Eocene-aged marine mudstone and thin bedded siltstone of the Yager terrane, part of the regional bedrock unit known as the Franciscan Complex (Harbert and others 1997 as cited in Weston 2017). The Yager terrane bedrock was identified at 720 feet below ground surface (bgs) in a borehole located near the Humboldt Bay Bridge (URS Corporation 2002 as cited in Weston 2017).

Previous studies and historical documentation suggest that the surficial soil near the subject property consist of native dune sands, dredge spoils from Humboldt Bay, and woody debris. Asphalt areas on the former lumber mill were found to be underlain by 6 to 12 inches of gravel followed by dune sands to a depth of 6.5 feet bgs (Winzler and Kelly 2005 as cited in Weston 2017).

2.6.3 Hydrogeology

The subject property is located in the Humboldt Bay watershed within a tidally influenced area on the Samoa Peninsula. Shallow groundwater flow direction through the subsurface sands near the subject property is likely variable depending on tidal influence and topography. Based on the topography and proximity of Humboldt Bay, groundwater flow direction is likely variable to the south. During the 2005 Phase II ESA, groundwater was encountered between 3.5 and 5.5 feet bgs (Winzler and Kelly 2005 as cited in Weston 2017). During the remediation of the former leaking underground storage tank (LUST) on the subject property, the calculated groundwater gradient was generally to the southwest, ranging between 0.007 and 0.016 foot per foot (Humboldt County 2002 as cited in Weston 2017).

A search of the USGS, Federal Reporting Data System Public Water Supply, and state databases, there were 81 water wells identified within a 1-mile radius of the subject property (EDR 2021c). During the site reconnaissance, no wells were identified on the subject property; however, four groundwater monitoring wells were identified in the radius report associated with the Simpson Samoa Wood Mill LUST Cleanup Site (GeoTracker Case: T0602300507), which was closed in February 2003 (EDR 2021c).

A review of the EDR Radius Map Report with GeoCheck revealed no documented public water supply wells or water wells within a 1.25-mile radius of the subject property.

2.6.4 Hydrology

Stormwater on the subject property runs off either into stormwater drains and systems present on the subject property or directly into Humboldt Bay. The average annual precipitation in Eureka, California, from 1886 to 2016 was 39.45 inches (Desert Research Institute 2016).

3.0 USER-PROVIDED INFORMATION

The following section summarizes the information provided by the Humboldt Bay Harbor, Recreation and Conservation District (the "user") regarding the Phase I ESA.

3.1 EXISTING STRUCTURE INFORMATION AND DRAWINGS

Based on historical aerial photographs and Sanborn maps, a lumber mill operated on the subject property since at least 1920, which is the earliest available Sanborn map for the subject property. The Toeroek Team received site maps that were taken from previous investigations and reports completed on the former lumber mill property.

3.2 TITLE INFORMATION

The Samoa Pacific Group owns the subject property. The Humboldt Bay Harbor, Recreation and Conservation District; Sniper Enterprises; and California Redwood Company own the remainder of the 300-acre former lumber mill.

3.3 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

No environmental liens or activity and use limitations were identified by the Toeroek Team in the information provided.

3.4 SPECIALIZED KNOWLEDGE

The following reports were provided by the Humboldt Bay Harbor, Recreation and Conservation District (Applicant) regarding the former lumber mill and are provided in Appendix D:

- "Preliminary Site Investigation Report of Findings Former Aboveground Diesel Storage Tank" is an Applicant-provided document. This document outlines the diesel aboveground storage tank (AST) investigation (discussed in Section 6.2.6) (SHN Engineers & Geologists [SHN] 2000a).
- "Initial Subsurface Investigation, Simpson Samoa Wood Mill, Samoa, California" is an Applicant-provided document. This document outlines the LUST investigation (discussed in Section 6.2.6) (SHN 1999).

- "Soil Excavation and Site Investigation Report of Findings Simpson UST Investigation" is an Applicant-provided document. This document is a follow-up groundwater investigation to the Initial Subsurface Investigation at Simpson Samoa Wood Mill (discussed in Section 6.2.6) (SHN 2000b).
- "Interim Remedial Action for PCP-Impacted Soil, Simpson Samoa Wood Mill, Samoa, California" is an Applicant-provided document. Only a portion of this document appears to have been provided—the document is nine pages long and is missing laboratory reports, figures and appendices. This document appears to be a preliminary investigation report to the pentachlorophenol (PCP) cleanup (discussed in Section 6.2.6) (SHN 2001).

3.5 OWNER, SITE MANAGER, AND OCCUPANT INFORMATION

The subject property is owned by the Samoa Pacific Group, represented by Mr. Chris Mikkelsen, Director of Facilities Management for the Humboldt Bay Harbor, Recreation and Conservation District. Mr. Mikkelsen is considered the key site manager for the subject property.

A recreational boat repair facility occupies the subject property. Additionally, the subject property is used for storage of stockpiled soil and steel to be recycled.

3.6 REASON FOR PERFORMING PHASE I ESA

Under the EPA Region 9 Targeted Brownfields Assessment (TBA) Program, the Humboldt Bay Harbor, Recreation and Conservation District requested EPA's technical assistance for conducting a Phase I ESA of the property. This Phase I ESA intends to delineate and identify RECs and environmental concerns to the subject property.

4.0 SITE RECONNAISSANCE

Toeroek Team scientist Ms. Savannah Russell conducted the site reconnaissance on January 10, 2022. Mr. Chris Mikkelsen, Director of Facilities Management for the Humboldt Bay Harbor, Recreation and Conservation District, assisted in the site walk through and provided access to the 300-acre former lumber mill. Photographic documentation of the site reconnaissance is in Appendix C.

4.1 METHODOLOGY AND LIMITING CONDITIONS

The site reconnaissance consisted of a visual inspection of the subject property in accordance with requirements set forth in 40 CFR Part 312. The purpose of the reconnaissance of the subject property was to seek out "conditions indicative of releases or threatened releases" as required by ASTM E1527-13. The Toeroek Team conducted the reconnaissance of the subject property for evidence of the following:

- Use, storage, treatment, disposal, or generation of hazardous substances, "controlled substances," or petroleum products;
- Landfills, dumps, or evidence of burial activities or solid waste disposal;
- ASTs, underground storage tanks (USTs), drums, or containers capable of storing hazardous substances or petroleum products;
- Transformers or other electrical or mechanical equipment potentially containing polychlorinated biphenyls (PCBs);
- Evidence of petroleum-based heating fuel sources;
- Drains, pits, sumps, cisterns, cesspools, or similar receptacles where liquids drain, collect, or are stored;
- Pits, ponds, lagoons, or open pools likely to contain hazardous substances or petroleum products or waste;
- Staining on pavement or areas of dead, distressed, discolored, or stained vegetation that may indicate RECs;
- Grading or fill material that may indicate contaminated soils or dumping; and
- Chemical smells, petroleum gases, foul odors, wells, and/or other site-specific environmental conditions.

The Toeroek Team mobilized to the subject property to observe current conditions and obtain additional information relevant to the Phase I ESA. The Toeroek Team also observed the exteriors of adjacent and select nearby properties to assess the presence of environmental concerns.

Any items listed in the ASTM method not identified in this section were not observed. Likewise, some items may have been observed but not identified as a REC. General recommendations regarding the subject property are offered in Section 8.0

4.2 GENERAL SITE SETTING

The following sections describe the subject property's current and past uses, and exterior and interior features.

4.2.1 Site Description

The subject property is a 40-acre portion of a 300-acre former lumber mill located in Samoa, Humboldt County, California. The 40-acre portion of the 300-acre former lumber mill is currently occupied by a recreational boat repair facility and the subject property is also used to store stockpiled soil and steel. The remainder of the 300-acre former lumber mill is occupied by multiple commercial businesses, which include a commercial fishing facility operated by the Hag Fish Corporation; a firewood facility operated by Lee Fegis Firewood; a log storage facility operated by the California Redwood Company; and a log and peat moss storage facility operated by Sniper Enterprises. The northern portion of the former lumber mill is used for dredge spoils from Humboldt Bay Harbor dredging activities. The recreational boat repair facility does not haul boats out of the water or allow any bottom repainting. Additionally, there are no known violations associated with the recreational boat repair facility.

According to aerial photographs, several buildings of the former lumber mill underwent demolition between 1990 and 2005. The foundations for several buildings are still present. After 2016, the former cutting and planer mill building on the former lumber mill was demolished.

4.2.2 Exterior Observations

During the site reconnaissance, no buildings were observed on the subject property.

Foundations of former demolished buildings were present throughout the subject property. In addition, several stormwater inlet drains were observed throughout the subject property. Piping was observed along the

shoreline of Humboldt Bay, which may be associated with the stormwater drainage system. Stockpiled soil was observed on the north boundary of the subject property. The Applicant indicated the stockpiled soil was related to nearby construction projects. Stockpiled steel was also observed on the subject property. Figure 3 shows the current subject property features.

4.2.3 Interior Observations

No buildings were located on the subject property. According to the Applicant, former buildings on the former lumber mill were built on concrete slab and of post and beam construction or Masonite and gypsum exterior construction with wood and plywood interior construction.

Considering the date of construction of most of the subject property buildings in the late 1800s to early 1900s, asbestos-containing materials (ACMs) and lead-based paint (LBP) were likely used in the original construction of the former buildings and may be present in the driplines of the former building footprints. Figure 3 shows the current subject property features.

4.3 SPECIFIC RECONNAISSANCE ITEMS

The following sections are related to items observed during the site reconnaissance.

4.3.1 Hazardous Substances and Petroleum Products

No hazardous substances or petroleum products were observed on the subject property at the time of the site reconnaissance.

4.3.2 Hazardous Waste

No hazardous waste was evident on the subject property.

4.3.3 Landfills, Dumps, Burials, or Solid Waste Disposal

No instances of solid waste disposal were observed on the subject property during the site reconnaissance. Soil and steel stockpiles were present on the north boundary of the subject property. The key site manager indicated that the soil stockpiles are stored on the subject property from nearby construction projects and the steel is stored on the subject property until it is recycled.

4.3.4 Storage Tanks

Underground Storage Tanks

No visual evidence of past or present on-site USTs—including pipes, pumps, or stains—was apparent during the site reconnaissance.

Aboveground Storage Tanks

No visual evidence of past or present on-site ASTs—including pipes, pumps, or stains—was apparent during the site reconnaissance.

4.3.5 Polychlorinated Biphenyls-Containing Equipment

No polychlorinated biphenyl-containing equipment was observed on the subject property at the time of the site reconnaissance.

4.3.6 Heating, Ventilation, and Air Conditioning System and Fuel Source

No heating, ventilation, or air conditioning systems were observed on the subject property.

4.3.7 Drains, Sumps, Pools of Liquids, Standing Water, Cisterns, and Cesspools

Multiple stormwater inlet drains were observed throughout the subject property. Drawings of stormwater and fire suppression water conveyance lines were obtained from figures from the partial reports provided by the Applicant and are shown on Figure 4. Puddles of water were observed on the subject property from previous rain and high tide events from proximity to Humboldt Bay. No cisterns or cesspools were observed on the subject property.

4.3.8 Pits, Ponds, and Lagoons

No pits, ponds, or lagoons were observed on the subject property at the time of the site reconnaissance.

4.3.9 Stains or Corrosion and Stained Soil or Pavement

No obvious stains or corrosion were observed on the subject property during the site reconnaissance. The subject property has gone through multiple rounds of ownership. As such, many rounds of building

demolition, construction, and abandonment has occurred on the subject property over the years, leaving foundations of buildings, storage areas, and old roadways.

4.3.10 Areas of Dead, Distressed, Discolored, or Stained Vegetation

No areas of dead, distressed, discolored, or stained vegetation were observed on the subject property during the site reconnaissance.

4.3.11 Possible Fill, Grading, or Solid Waste Disposal

Soil stockpiles are stored on the subject property from neighboring construction projects.

4.3.12 Smells of Chemical Gases, Petroleum Products, or Noxious Odors

No smells of chemical gases or petroleum products were detected at the time of the site reconnaissance.

4.3.13 Wastewater and Stormwater Systems and Discharges

Stormwater at the subject property infiltrates into the ground or runs off the subject property into the stormwater drainage system via inlet drains observed on the subject property. According to the key site manager, the drain inlets flow into underground infrastructure that drains into Humboldt Bay. Wastewater and sanitary sewer are not generated on the subject property; however, portable bathrooms are present on the subject property.

4.3.14 Wells and Potable Water Supply

The Toeroek Team did not observe any wells on the subject property. According to the key site manager, groundwater monitoring wells installed for previous investigations have been decommissioned and destroyed. There is no potable water located on the subject property.

4.3.15 Other Site-Specific Environmental Conditions

Former heavy machinery use on the subject property has historically been associated with lubricants and fuels in use in the former powerhouse, co-generation power plant, sawmills, and planer mills. The past presence of the heavy machinery usage is a REC to the subject property. Additionally, two refuse burners were previously present on the subject property and are a REC to the subject property.

4.4 VICINITY RECONNAISSANCE

The vicinity reconnaissance consisted of a survey of adjoining properties and land uses that could exert adverse environmental impacts on the subject property. The subject property and former lumber mill is bounded to the north by vacant property and the Samoa Roundhouse Site; to the east by Humboldt Bay; to the south by the former Louisiana Pacific Pulp Mill; and to the west by the town of Samoa, vacant property, and Recology Humboldt County. At the time of the site reconnaissance, the Toeroek Team identified the following environmental concerns: recreational boat repair facility on the subject property (no known violations). The subject property is bounded to the east, south, and west by former lumber mill operations. Research into adjacent properties and potential environmental concerns these properties may pose to the subject property are discussed in Section 6.1.

5.0 INTERVIEWS

The objective of conducting interviews is to obtain information concerning RECs in connection with the subject property. This information was obtained verbally and in written form, as indicated below. Interviewees were cooperative and forthcoming with information unless otherwise specified. Interview documentation is in Appendix D.

5.1 INTERVIEW WITH OWNER

The Samoa Pacific Group owns the subject property. The Toeroek Team interviewed Chris Mikkelsen, Director of Facilities Management for the Humboldt Bay Harbor, Recreation and Conservation District, to identify past and current uses of the subject property. Mr. Mikkelsen gave information during the site reconnaissance on where former operations took place on the subject property.

5.2 INTERVIEW WITH KEY SITE MANAGER/OWNER

Mr. Mikkelsen is considered the key site manager of the subject property and was interviewed as described above.

5.3 INTERVIEW WITH CURRENT OCCUPANTS

The Toeroek Team interviewed a former security guard to identify past and current uses of the subject property (see Appendix D). The other occupants of the subject property were not available for an interview at the time of the site reconnaissance.

5.4 INTERVIEWS WITH LOCAL/STATE GOVERNMENT OFFICIALS

The Toeroek Team requested information regarding any spills, incidents, USTs, and ASTs directly from the Humboldt County Environmental Health Department and was directed to acquire files related to remediation efforts from the State of California Water Resources Control Board's (SWRCB) GeoTracker website. The Toeroek Team reviewed the GeoTracker (2022) website and the California Department of Toxic Substances Control's EnviroStor (2022) website for closed and open cases related to or surrounding the subject property. Review of GeoTracker and EnviroStor records are discussed in Section 6.2.6.

6.0 RECORDS REVIEW

The purpose of the records review is to obtain and review records that will help identify RECs in connection with the subject property.

6.1 ENVIRONMENTAL RECORDS SOURCES

The following sources of environmental records were accessed and reviewed as part of this assessment.

6.1.1 Environmental Database Search

Federal, state, regional, and local records were reviewed to assess whether the subject property or facilities within the approximate minimum search distance have undergone significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects. EDR performed a database search of the subject property in accordance with ASTM E1527-13 (ASTM 2013).

The databases searched have been developed and are updated by federal, state, and local agencies. While these databases are reliable and comprehensive, instances of data out of date and no longer reflective of actual facility conditions have occurred. The Government Records Searched/Data Currency Tracking section of the EDR Report in Appendix E indicates when each database was last updated.

The Toeroek Team reviewed the facilities listed within the EDR Report:

- The Hag Fish Corporation, on the former lumber mill, is listed in the Cleanup Program Sites (CPS) - Spills, Leaks, Investigations, and Cleanups (SLIC) and Certified Unified Program Agency Listings databases under 930 Vance Avenue and is under assessment for diesel contamination. The site is listed in GeoTracker under case T0602393498, which is listed as the "Samoa Roundhouse Site."
- The Samoa Roundhouse Site, adjacent to the subject property, is listed in the US Brownfields database under 930 Vance Avenue, which is the same site as the previous bullet.
- Lorenzo's Shell Service, north of the subject property, is listed in the LUST, Deed, and Cortese databases for diesel and gasoline contamination in a contamination plume moving east toward the subject property. Deed restrictions were recorded for the site on October 21, 2010, and a no further action (NFA) letter was issued for the site on December 23, 2014.
- Samoa Logdeck, on the former lumber mill property, is listed in the US Brownfields database as a site previously associated with a variety of historic lumber milling operations. A Phase I ESA was

completed on the site in 2013. Results of the Phase I ESA were not included in the records available for review.

- Samoa Access, on the subject property, is listed in the US Brownfields database as a site previously associated with a variety of historic lumber milling operations. A Phase I ESA was completed for the Samoa Access site in 2012. Results of the Phase I ESA were not included in the records available for review.
- The Simpson Timber Company, on the former lumber mill property, is listed in the CPS-SLIC database under the regulatory ID of 1NHU764. When this ID is searched within GeoTracker, the site is listed under case T0602393498, which is listed as the "Samoa Roundhouse Site."
- Samoa Peninsula, north of the subject property, is listed in the CPS-SLIC database and grouped under the "Lorenzo's Shell Service" site.
- The Town of Samoa, north of the subject property, is listed in the US Brownfields database as a historic lumber town with LBP-contaminated structures.
- Evergreen Pulp Mill Incorporated, southwest of the the subject property, is listed in the US Brownfields database as a site associated with operations at the closed Louisiana Pacific Pulp Mill.

6.1.2 Vapor Encroachment Screening

The Toeroek Team completed an initial vapor encroachment screening to determine if a vapor encroachment condition (VEC) exists in the subsurface below any proposed subject property structures from hazardous substances, petroleum, and petroleum products that can include volatile organic compounds (VOCs), semivolatile organic compounds, and/or inorganic volatile compounds. The Tier 1 non-invasive vapor encroachment screening assessed the presence of the chemicals of concern within the following approximate recommended minimum search distances specified in the Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, ASTM E2600-15 (ASTM 2015). Table 6-1 summarizes these minimum search distances.

Based on results of the initial vapor encroachment screening, the EDR Report identified multiple facilities with chemicals of concern within the minimum search distances. The facilities are located either on or adjacent to the subject property. A VEC does exist for the subject property.

TABLE 6-1
SUMMARY OF APPROXIMATE MINIMUM SEARCH DISTANCES

Area of Concern Approximate Minimum Search Distances Surrounding the Subject Property (miles)		
Standard Environmental Record Sources (where available)	**Chemicals of Concern**	**Petroleum Hydrocarbon Chemicals of Concern**
Federal NPL	0.33	0.10
Federal CERCLIS	0.33	0.10
Federal RCRA CORRACTS	0.33	0.10
Federal RCRA non-CORRACTS TSD	0.33	0.10
Federal RCRA Generators	Subject Property Only	Subject Property Only
Federal Institutional Control/Engineering Control	Subject Property Only	Subject Property Only
Federal ERNS	Subject Property Only	Subject Property Only
State and Tribal-equivalent NPL	0.33	0.10
State and Tribal-equivalent CERCLIS	0.33	0.10
State and Tribal Landfill or Solid Waste Disposal Sites	0.33	0.10
State and Tribal LUST	0.33	0.10
State and Tribal UST	Subject Property Only	Subject Property Only
State and Tribal Institutional Control/Engineering Control	Subject Property Only	Subject Property Only
State and Tribal Voluntary Cleanup	0.33	0.10
State and Tribal Brownfield	0.33	0.10

Notes:
CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS RCRA Corrective Action Activity
ERNS Emergency Response Notification System
LUST Leaking Underground Storage Tank
NPL National Priorities List
RCRA Resource Conservation and Recovery Act
TSD RCRA Treatment, Storage, and Disposal
UST Underground Storage Tank

6.1.3 Valuation Reduction for Environmental Issues

No information on valuation reduction was provided to the Toeroek Team. An environmental lien search the subject property was not performed.

6.1.4 Engineering and Institutional Controls

As part of the environmental records search by EDR, federal, and state databases for institutional and engineering controls were searched, including EPA's Engineering Controls Sites List and Sites with Institutional Controls and the U.S. Department of the Navy's Land Use Control Information System (EDR 2021b). Information significant to this Phase I ESA was found on at Lorenzo's Shell Service, north of the subject property. The site is listed in the LUST, Deed, and Cortese databases for diesel and gasoline contamination in a contamination plume moving east toward the subject property. Deed restrictions were recorded for the site on October 21, 2010, and a NFA letter was issued for the site on December 23, 2014.

6.1.5 Title Records

The Samoa Pacific Group owns the subject property. The Toeroek Team received no title records.

6.2 HISTORICAL USE INFORMATION REGARDING THE SITE AND ADJOINING PROPERTIES

Historical data regarding the subject property and surrounding area were gathered to determine past uses and evaluate visible environmental issues that may be RECs. The following sections describe aerial photographs, Sanborn maps, topographic maps, city directories, and past environmental reports available regarding the subject property.

6.2.1 Historical Property Ownership

A chain-of-title search pertaining to the subject property did not occur. The EP did not receive a title report prior to preparation of this report.

6.2.2 Sanborn Map Report

The Toeroek Team reviewed Sanborn maps of the subject property and surrounding area from years 1920, 1949, 1955, 1957, 1958, and 1964 (EDR 2021d) (see Appendix B-1). Table 6-2 is a summary of information obtained from the Sanborn maps.

Sanborn maps can be used in conjunction with other historical records presented in this section to determine previous land use on the subject property. The date of the earliest Sanborn map available that includes the subject property is 1920. Since 1920, a refuse burner was present on the subject property and may have contributed dioxin/furan or polycyclic aromatic hydrocarbon (PAH) contamination on the subject property. In 1945, a larger refuse burner was added north of the existing one on the subject property. The presence of refuse burners is a REC to the subject property. Buildings on the subject property that have historically been associated with heavy machinery, lubricants, and fuels include a sawmill present on the subject property from 1920, and a planing mill, powerhouse, fuel house, boiler house, and pipe house present south of the subject property from 1949. The presence of former structures associated with heavy machinery, lubricants, and fuels is a REC to the subject property.

TABLE 6-2
SUMMARY OF SANBORN MAPS

Year	Comments
1920	**Subject Property:** The subject property and the surrounding lumber mill property are occupied by Hammond Lumber Company. A sawmill with a steam turbine is present on the southern portion of the subject property. Additionally, a steel refuse burner and a steam dry kiln building are present on the subject property. **Surrounding Properties:** A planing mill and a 110-gallon gasoline UST are present to the southeast of the subject property. A ship building pier is present to the south of the subject property. The Samoa Roundhouse Site cleanup site, which includes a boiler shop, machine shop, roundhouse, car shop, and fuel storage tanks, is present adjacent to and east of the subject property. The town of Samoa is present to the west of the subject property.
1945	**Subject Property:** A larger refuse burner has been added northwest of the previous one. Additional steam dry kilns are now present on the north boundary of the subject property. **Surrounding Properties:** The sawmill is still present in the same area but now a powerhouse, fuel house, boiler house, and pipe shop are present to the south of the subject property. The Samoa Roundhouse Site cleanup site, which includes a boiler shop, machine shop, roundhouse, car shop, and fuel storage tanks, is present to the east of the subject property. The town of Samoa is present to the west of the subject property. A gas and oil site is present in the general location of Lorenzo's Shell Service site discussed in Section 6.1.1. The ship building pier is no longer present, and the southern portion of the former lumber mill appears to be dedicated to the storage of lumber.
1955	**Subject Property:** The subject property appears to be unchanged from the previous map. **Surrounding Properties:** The area surrounding the subject property is similar to the previous map.
1957	**Subject Property:** The subject property appears to be unchanged from the previous map. The steam dry kilns on the northern boundary of the subject property have been replaced by a cantilever crane runway. **Surrounding Properties:** The area surrounding the subject property is similar to the previous map.
1958	**Subject Property:** The subject property appears to be unchanged from the previous map. **Surrounding Properties:** The area surrounding the subject property is similar to the previous map.
1964	**Subject Property:** The subject property appears to be unchanged from the previous map. The subject property and surrounding lumber mill is now occupied by the Georgia Pacific Corporation. **Surrounding Properties:** The area surrounding the subject property is similar to the previous map.

6.2.3 Aerial Photographs

The Toeroek Team reviewed aerial photographs of the subject property and surrounding area from years 1941, 1954, 1957, 1969, 1972, 1974, 1983, 1990, 2005, 2009, 2012, and 2016 (EDR 2021a) (see Appendix B-2). Table 6-3 is a summary of information obtained from the aerial photographs.

Aerial photographs can be used in conjunction with other historical records presented in this section to determine previous land use on the subject property. The subject property was showing as developed in the 1941 aerial. The subject property and surrounding areas contain a former lumber mill. As discussed in Section

6.2.2, refuse burners have been present on the subject property since 1920, which is the earliest available Sanborn map of the subject property. According to aerial photographs, the refuse burners were removed from the subject property circa 1969, which is the first aerial photograph that does not show the refuse burners on the subject property. The presence of refuse burners is a REC to the subject property. Buildings on the subject property that have been historically associated with heavy machinery, lubricants, and fuels include a sawmill present on the subject property and planing mill adjacent to the subject property from 1920 to approximately 1969, and a powerhouse, fuel house, boiler house, and pipe house present to the south of the subject property from 1949 to approximately 2005. In approximately 1969, a new sawmill, cogeneration power plant, and cutting and planer mill were constructed to the south of the subject property. By approximately 2005, the new sawmill and cogeneration plant were no longer present, and by 2016, portions of the cutting and planer mill building were beginning to be torn down.

TABLE 6-3
SUMMARY OF AERIAL PHOTOGRAPHS

Year	Comments
1941	**Subject Property:** The subject property contains lumber mill operations. The sawmill is present on the south portion of the subject property. **Surrounding Properties:** The powerhouse, boiler house, fuel house, refuse burners, and cutting and planer mill are present to the south of the subject property. The center of the former lumber mill contains larger buildings and areas that appear to be dedicated to lumber storage. The area to the east of the subject property contains the Samoa Roundhouse Site and includes a boiler shop, machine shop, car shop, roundhouse, and fuel tanks. The town of Samoa is present to the northwest of the subject property.
1954	**Subject Property:** The subject property remains unchanged from the previous photograph. **Surrounding Properties:** The area surrounding the subject property remains unchanged from the previous photograph.
1957	**Subject Property:** The subject property remains unchanged from the previous photograph. **Surrounding Properties:** Lumber storage has expanded on the property to the west of the subject property. The other areas surrounding the subject property remains unchanged from the previous photograph.
1969	**Subject Property:** The north portion of the subject property and former lumber mill has undergone major changes. The sawmill and refuse burners are no longer present and the areas appear to be used for lumber storage. **Surrounding Properties:** The north portion of the former lumber mill has undergone major changes. The sawmill is no longer present and the area appears to be used for lumber storage. A new sawmill and cutting and planer mill are now present on the southern portion of the former lumber mill, along with a new cogeneration plant on the shoreline of Humboldt Bay, located in the south center of the former lumber mill. The chip storage area is also now present on the southern-most point of the former lumber mill. The other areas surrounding the subject property remains unchanged from the previous photograph. Additional storage for lumber has expanded north of the subject property, as well as on property to the west of the subject property. The pulp mill is now present to the south of the subject property.

TABLE 6-3
SUMMARY OF AERIAL PHOTOGRAPHS

Year	Comments
1972	**Subject Property:** The subject property remains unchanged from the previous photograph. **Surrounding Properties:** The powerhouse smokestack and fuel house are still present on the northern portion of the subject property. The warehouse building that Hag Fish Corporation commercial operations currently uses is now present on the subject property. Lumber storage has expanded on the property to the west of the subject property. The other areas surrounding the subject property remains unchanged from the previous photograph.
1974	**Subject Property:** The subject property remains unchanged from the previous photograph. **Surrounding Properties:** The area surrounding the subject property remains unchanged from the previous photograph.
1983	**Subject Property:** The subject property remains unchanged from the previous photograph. **Surrounding Properties:** The area surrounding the subject property remains unchanged from the previous photograph.
1990	**Subject Property:** The subject property remains unchanged from the previous photograph. **Surrounding Properties:** The powerhouse, boiler house, and fuel house are no longer present on the north portion of the former lumber mill. The cutting and planner mill building, along with the long lumber storage dock building, is no longer present. The southern portion of the former lumber mill remains unchanged from the previous photograph. The other areas surrounding the subject property remains unchanged from the previous photograph.
2005	**Subject Property:** The steam dry kilns are no longer present on the subject property. **Surrounding Properties:** The cogeneration plant, sawmill, and surrounding buildings are no longer present in the center of the former lumber mill. The other areas surrounding the subject property remains unchanged from the previous photograph.
2009	**Subject Property:** The subject property remains unchanged from the previous photograph. **Surrounding Properties:** The chip storage areas on the southern-most portion of the subject property no longer contains wood chips. The other areas surrounding the subject property remains unchanged from the previous photograph except for the new addition of Recology Humboldt County to the north of the subject property.
2012	**Subject Property:** The subject property remains unchanged from the previous photograph. **Surrounding Properties:** The area surrounding the subject property remains unchanged from the previous photograph.
2016	**Subject Property:** The subject property remains unchanged from the previous photograph. **Surrounding Properties:** Portions of the cutting and planner mill on the southern portion of the subject property are no longer present. The other areas surrounding the subject property remains unchanged from the previous photograph.

6.2.4 Historical Topographic Maps

Topographic maps can be used as indicators of land use and structural changes on the subject property and, thus, can help determine historical land use that might pose an environmental issue to the subject property. The Toeroek Team reviewed USGS quadrangle topographic maps of the subject property and surrounding area from years 1933, 1942, 1947, 1951, 1958, 1959, 1972, 2012, 2015, and 2018 (EDR 2021e; USGS 2018) Appendix A and Appendix B-3). Table 6-4 is a summary of information obtained from the historical topographic maps of the subject property and surrounding area. Review of topographic maps did not directly identify potential environmental issues pertaining to the former lumber mill; however, topographic maps can be used in conjunction with other historical records presented in this section to determine previous land use on the subject property.

TABLE 6-4
SUMMARY OF HISTORICAL TOPOGRAPHIC MAPS

Year	Description
1933	**Subject Property:** Railroad tracks are present throughout the subject property and appear to head south toward the community of Fairhaven. **Surrounding Properties:** The Hammond Mill Chimney is present on the northern portion of the former lumber mill along with other support structures. The Samoa Roundhouse Site is present to the east of the subject property along with multiple lodging buildings to the north. The town of Samoa is present to the north of the subject property. The Hammond Lumber Company Railroad is present throughout Samoa along present-day Vance Avenue.
1942	**Subject Property:** The topographic map is similar to that of the previous map. **Surrounding Properties:** The topographic map appears similar to that of the previous map.
1947	**Subject Property:** The topographic map is similar to that of the previous map. **Surrounding Properties:** The topographic map appears similar to that of the previous map.
1951	**Subject Property:** Additional buildings and tramways are present on the subject property. **Surrounding Properties:** The topographic map appears similar to that of the previous map.
1958	**Subject Property:** The topographic map is similar to that of the previous map. **Surrounding Properties:** The topographic map appears similar to that of the previous map.
1959	**Subject Property:** The topographic map is similar to that of the previous map. **Surrounding Properties:** The topographic map appears similar to that of the previous map.
1972	**Subject Property:** The steam dry kilns are present on the subject property. The sawmill on the subject property is no longer present. **Surrounding Properties:** The powerhouse and supporting structures to the south of the sawmill are still present. The new sawmill, cogeneration plant, and cutting and planer mill are now present on the center and south portions of the former lumber mill. Additional structures are present on the surrounding properties to the north. The pulp mill is now present to the south of the subject property.

TABLE 6-4
SUMMARY OF HISTORICAL TOPOGRAPHIC MAPS

Year	Description
2012	**Subject Property:** Structures are no longer depicted on the subject property. **Surrounding Properties:** Structures are no longer portrayed in areas surrounding the subject property.
2015	**Subject Property:** The topographic map is similar to that of the previous map. **Surrounding Properties:** The topographic map appears similar to that of the previous map.
2018	**Subject Property:** The topographic map is similar to that of the previous map. **Surrounding Properties:** The topographic map appears similar to that of the previous map.

6.2.5 City Directories

The Toeroek Team reviewed city directory listings for the subject property and nearby properties from years 1992, 1995, 2005, 2010, 2014, and 2017 (EDR 2021b) (see Appendix B-4). Table 6-5 summarizes information found in the city directories. Not all nearby property listings are included in the table—only commercial or industrial properties that could be a potential REC to the subject property.

City directories can be used in conjunction with other historical records presented in this section to determine previous land use on the subject property. The Toeroek Team reviewed city directories for addresses located adjacent to the subject property.

TABLE 6-5
SUMMARY OF HISTORICAL CITY DIRECTORIES

Property Address	Property Occupant(s)
Subject Property	
Not Listed	Not Listed
Nearby Properties	
1 Vance Avenue	Samoa Maintenance Shop (2010)
555 Vance Avenue	Arcata Community Recycling Center (2010)
908 Vance Avenue	Samoa Cookhouse (2017)

6.2.6 Local/State Government Records

The Toeroek Team reviewed GeoTracker (2022) records regarding open remediation sites, USTs, ASTs, and closed remediation sites. The following sites were listed on the GeoTracker website as being on or adjacent to the subject property (Appendix D):

- Simpson Timber Company Samoa (GeoTracker Case: T0602393498) – Roundhouse Investigation Site, which is located adjacent to the subject property. A Phase I/II ESA Report was uploaded to the GeoTracker case site, which, according to the online map, appears to correspond with a Simpson Timber Company – Diesel AST Investigation. Documents relating to the Roundhouse Investigation Site cleanup have been summarized as follows:

    - Phase II TBA Report (Appendix D): Dated January 2017, the report presents the results of a TBA consisting of a combined Phase I and Phase II ESA. Approximately 7 acres were investigated containing four historical structures: the railroad roadhouse, car house, boiler shop, and machine/blacksmith shop. This investigation also included two 10,000-gallon diesel ASTs discussed below. Lead was found to impact surface soil in the building dripline region of the boiler shop and within Area 11. The dioxin/furan 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalency factor calculated for a composite sample collected in Area 12 exceeded applicable screening levels. Metals were detected in groundwater samples collected across the site, and total petroleum hydrocarbons (TPH) as diesel (TPH-d) detected in groundwater samples from four locations on the site exceeded applicable screening levels. Concentrations of arsenic, barium, cadmium, chromium, lead, silver, and TPH as motor oil (TPH-mo) were detected in wipe samples collected on surfaces in the four site buildings. The hazardous building material survey identified ACM and LBP in some interior and exterior building materials on the site. Recommendations for the site included possible removal, capping, or limitation of access of contaminated soils, proper abatement of hazardous building materials, and cleaning of the interior of the site buildings before public access. An analysis of brownfields cleanup alternatives was completed for the site outlining potential cleanup alternatives. This Roundhouse Investigation Site has not been cleaned up at the time of this report and is a REC to the subject property.

- Simpson Timber Company Samoa (GeoTracker Case: T0602393498) – Diesel AST Investigation, which is located adjacent to the subject property. One investigation report and 11 groundwater monitoring reports were uploaded to the GeoTracker case site, which, according to the online map, appears to correspond with the Simpson Timber Company – Roundhouse Investigation. Documents relating to the AST cleanup have been summarized as follows:

    - Preliminary Site Investigation Report of Findings Former Aboveground Diesel Storage Tank (Appendix D): The site was the former location of two 10,000-gallon diesel ASTs. The ASTs

were removed in the fall of 1998, and subsequent investigations involving soil sampling and the installation and sampling of temporary groundwater wells were conducted at the site. TPH-d was detected in both soil and groundwater but limited to the area near the former tanks. Benzene, toluene, ethylbenzene, and xylene (BTEX) were detected in soil at low concentrations but not in groundwater. Methyl tert-butyl ether (MTBE) was detected in groundwater at low concentrations but not in soil. The report recommended that five groundwater monitoring wells be installed and that a groundwater monitoring program be implemented for a period of 1 year.

  - Second Semi-Annual 2007 Groundwater Monitoring Report and Closure Request (Appendix D): Dated November 2007, this document is the final groundwater monitoring report available for the diesel AST contamination. TPH-d was detected in groundwater but did not appear to be migrating. Instead, the TPH-d contamination plume appeared to be contracting as a result of natural processes. SHN requested a closure of the site. No additional documents were available for review related to the requested closure.

- Simpson Timber Company Samoa (GeoTracker Case: T0602393498) – PCP Cleanup Site, which is located south of the subject property. A total of four documents were uploaded to the GeoTracker case site, which, according to the online map, appears to correspond with the Simpson Timber Company – Roundhouse Investigation. For the purposes of this investigation, this area will be treated as a separate area from the Roundhouse Investigation Site. Documents relating to the PCP cleanup have been summarized as follows:

  - PCP Removal Report Simpson Samoa Company (Appendix D): Dated January 31, 2001, this document was issued to the North Coast Regional Water Quality Control Board from the Simpson Samoa Company outlining the PCP Removal Project, which includes figures of impacted areas and removal actions, sampling data generated in connection with PCP removal and sampling, and an outline of PCP use at the facility. Once the Simpson Samoa Company learned that PCP was used within the former planer building (on the southern portion of the subject property), wipe samples were collected that confirmed the existence of PCP in the wood flooring under the dispenser and in the woody debris under the planer. Concrete and contaminated soil in the PCP application area was planned to be excavated and backfilled with clean fill.
  - Interim Remedial Action for PCP Impacted Soil (Appendix D): Dated May 22, 2001, this document outlines the interim remedial action of excavating PCP-impacted soil from the PCP application site. SHN supervised the excavation of approximately 120 cubic yards of soil split

into three excavation areas. Soil was excavated to a depth of approximately 5 feet bgs in each area except for Area 1, the area with the highest PCP concentrations, which was excavated to a depth of 10 feet bgs. The excavation was halted at 10 feet bgs because groundwater was encountered. After excavation and confirmation sampling from the base and sidewalls of the excavation indicated that PCP-impacted soil appeared to have been successfully removed. However, groundwater had appeared to have been impacted with PCP and 1,2,3-trichloropropane (TCP). SHN recommended that stockpiled soil be properly disposed of and that a groundwater monitoring program be implemented with groundwater monitoring wells installed on the site for 1 year.

- Monitoring Well Installation and Quarterly Monitoring Report, Former PCP Application Area (Appendix D): Dated January 22, 2002, this document outlines the remedial action efforts occurring on the site to date, as well as the results of the first quarter of groundwater monitoring activities. PCP was found to have migrated to subsurface soils beneath the concrete floor through seams and cracks in the concrete foundations. In May 2000, approximately 40 cubic yards of PCP-stained concrete was broken up, stockpiled on-site, and transported to Chem Waste in Kettleman Hills, California, for disposal. Groundwater monitoring was recommended as a result of previous grab groundwater samples. As part of this investigation, four groundwater monitoring wells were installed and sampled. No constituents were detected in soil samples from the monitoring well boreholes above method detection limits, no constituents were detected in groundwater from the site above the method detection limits and no potential impacts to sensitive receptors were identified. Per SWRCB request, three additional monitoring events were indicated to be completed at the site.
- Second Quarter 2002 Monitoring Report and Request for Closure – Samoa Wood Mill Former PCP Application Area (Appendix D): Dated June 22, 2002, this document outlines the final groundwater monitoring report for the PCP application area and includes a request for closure. No detectable concentrations of PCP or TCP were present in water samples collected from the existing wells located in the former PCP application area since quarterly groundwater monitoring was implemented in November 2001. Groundwater monitoring data indicated that the soil excavation program was successful in removing PCP and TCP material that had impacted soils beneath the former application area. SHN recommended that the site be considered for closure. However, no additional documents were available for review related to the requested closure.

- Simpson Samoa Wood Mill (GeoTracker Case: T0602300507) – LUST Site. This cleanup site is located to the south of the subject property and to the south of the Roundhouse Site. This cleanup assessment received closure from SWRCB (Appendix D) and is not a REC to the subject property.
- Evergreen Pulp Mill Investigation (GeoTracker Case: SL0602377769) – Pulp Mill Cleanup Site. This cleanup site is located southwest of the subject property and has documented gasoline, metals, and solvents contamination in soil, soil gas, and groundwater.
- Louisiana Pacific/Samoa Pulp Mill Chip (GeoTracker Case: T0602392511) – Hydraulic Oil Cleanup. Due to a lack of available documentation, the location where this cleanup occurred is unclear. However, this cleanup assessment received closure from SWRCB (Appendix D) and is not a REC to the subject property.

The Toeroek Team reviewed EnviroStor (2022) records regarding open remediation sites, USTs, ASTs, and closed remediation sites. No sites were identified within the subject property boundary, upgradient with respect to the subject property, or near the subject property.

6.2.7 Previous Reports

The Toeroek Team reviewed the following documents, which are included in Appendix D:

- "Preliminary Site Investigation Report of Findings Former Aboveground Diesel Storage Tank" is an Applicant-provided document. This document outlines the diesel AST investigation (discussed in Section 6.2.6) (SHN 2000a).
- "Initial Subsurface Investigation, Simpson Samoa Wood Mill, Samoa, California" is an Applicant-provided document. This document outlines the LUST investigation (discussed in Section 6.2.6) (SHN 1999).
- "Soil Excavation and Site Investigation Report of Findings Simpson UST Investigation" is an Applicant-provided document. This document is a follow-up groundwater investigation to the Initial Subsurface Investigation at Simpson Samoa Wood Mill (discussed in Section 6.2.6) (SHN 2000b).
- "Interim Remedial Action for PCP-Impacted Soil, Simpson Samoa Wood Mill, Samoa, California" is an Applicant-provided document. Only a portion of this document appears to have been provided—the document is nine pages long and missing laboratory reports, figures and appendices. This document appears to be a preliminary investigation report to the PCP cleanup (discussed in Section 6.2.6) (SHN 2001).

7.0 FINDINGS AND OPINIONS

Primarily based on site reconnaissance, interviews and examination of historical documentation, the following findings and opinions resulted from this Phase I ESA and are shown on Figure 11.

RECs to the Subject Property:

- The Samoa Roundhouse Site Phase II ESA found lead and dioxin/furan contamination in soil; metals and TPH-d contamination in groundwater; arsenic, barium, cadmium, chromium, lead, silver, and TPH-mo concentrations in wipe samples collected on surfaces in four site buildings, and ACM and LBP in some interior and exterior building materials on the site. This site has not been cleaned up at the time of this report and is a REC to the subject property.
- Two refuse burners on the subject property from 1920 to approximately 1969 may have contributed dioxin/furan or PAH contamination to the subject property. The presence of these former refuse burners is a REC to the subject property.
- A sawmill and planing mill were present on the subject property from 1920 to approximately 1969, and a powerhouse, fuel house, boiler house, and pipe house were present on the subject property from 1949 to approximately 2005. The presence of these former structures associated with heavy machinery, lubricants, and fuels on the subject property is a REC to the subject property.
- The former and existing subject property buildings were constructed prior to 1978 and LBP was possibly used during initial construction. The possible presence of lead contamination in the soil along the existing roof drip lines and former building footprint drip lines from externally applied LBP is a REC to the subject property.
- Multiple sites and uses were identified in the EDR Radius Map Report as facilities that contain chemicals of concern or petroleum products and are a vapor encroachment condition to the subject property.

Environmental Concerns to the Subject Property:

- Utilities present in the subsurface throughout the subject property provide a migration pathway for undefined or defined contamination present in soils and groundwater on and adjacent to the subject property. The potential for utilities to provide a migration pathway is an environmental concern to the subject property.

- Underground stormwater piping and catch basins within the subject property may contain accumulated sediment or liquids that are potentially hazardous, which is an environmental concern to the subject property.
- Lorenzo's Shell Service was listed in the EDR Radius Report and on the SWRCB GeoTracker website as a LUST cleanup site. Deed restrictions were issued in 2010, and a no further action letter was issued in 2013. Because Lorenzo's Shell Service is located topographically and hydrologically upgradient from the subject property, the site is an environmental concern to the subject property.
- A recreational boat repair facility is present on the subject property. No information was available to confirm the facility is in compliance with environmental requirements.

8.0 CONCLUSIONS

The Toeroek Team performed a Phase I ESA in conformance to the scope and limitations of ASTM E1527-13 of the subject property located in Samoa, California. Exceptions to, or deletions from, this practice are described in Section 1.4. Based on available information, this assessment has identified RECs in connection with the subject property, as described in Section 7.0.

Recommendations

Conclusions of this Phase I ESA are based primarily on a review of available public records and according to accepted practices. No official judgment about levels or extent of contamination associated with any site can occur without conducting an environmental investigation that includes sampling and chemical analysis. Therefore, the Toeroek Team recommends a Phase II ESA and further investigation of known contamination areas of the subject property to evaluate, confirm, or eliminate the RECs identified during the Phase I ESA investigation.

The Phase II ESA and further investigations should include the following:

Recommendations regarding RECs:

- Further characterize the lead and dioxin/furan contamination in soil and metals and TPH-d in groundwater beyond the perimeter of the Samoa Roundhouse Site.
- Characterize the dioxin/furan and PAH contamination in soil around the former refuse burners on the subject property.
- Collect subsurface soil and groundwater samples within the former sawmill, planing mill cogeneration power plant, powerhouse, fuel house, boiler house, and pipe house building foundation boundary for metals, total petroleum hydrocarbons (TPH), VOCs, MTBE, and BTEX analysis.
- Collect surface soil samples within former building foundation and drip line boundaries for lead and asbestos analysis.

Recommendations Regarding Environmental Concerns:

- Collect sediment samples within each stormwater inlet drain for metals and TPH analysis.
- Confirm the recreational boat repair facility is in compliance with environmental requirements.

9.0 CERTIFICATION STATEMENT

Ms. Savannah Russell of the Toeroek Team performed the site reconnaissance and authored this report. Ms. Russell is a Toeroek Team professional with a Bachelor of Science in Environmental Sciences and 5 years of experience. Mr. Victor Early, a Toeroek Team professional with a Master of Geology and 34 years of experience conducting and reviewing ESAs, performed the technical review of this report. We declare that, to the best of our professional knowledge and belief, we meet the definition of EP as defined in 40 CFR Part 312.10. We have the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the subject property addressed in this report. We have developed and performed all appropriate inquiries in conformance to the standards and practices set forth in 40 CFR Part 312, and attest to the completeness and accuracy of information in this report.

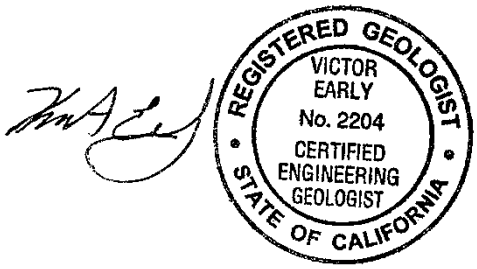
If you have any questions concerning the findings and conclusions of this report, please contact Greg Hanna at (720) 898-4102 or Savannah Russell at (916) 853-4550.

Assessor/EP



Savannah Russell
Environmental Scientist

Reviewer/EP



Victor Early, PG, CEG
Senior Geologist

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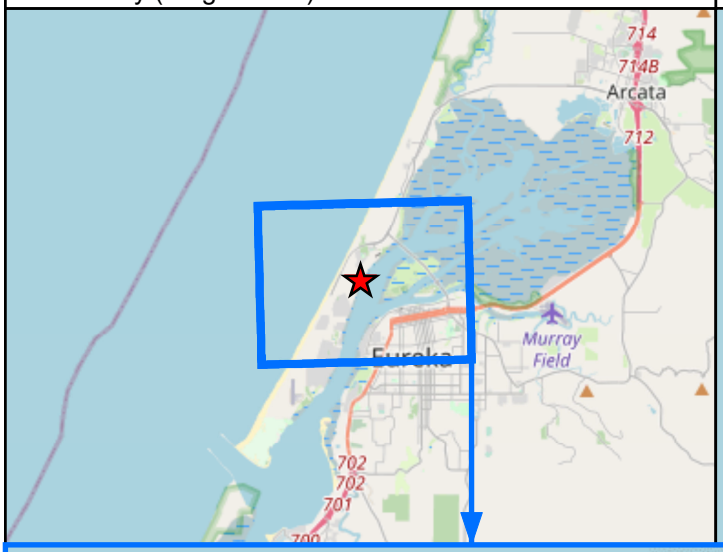
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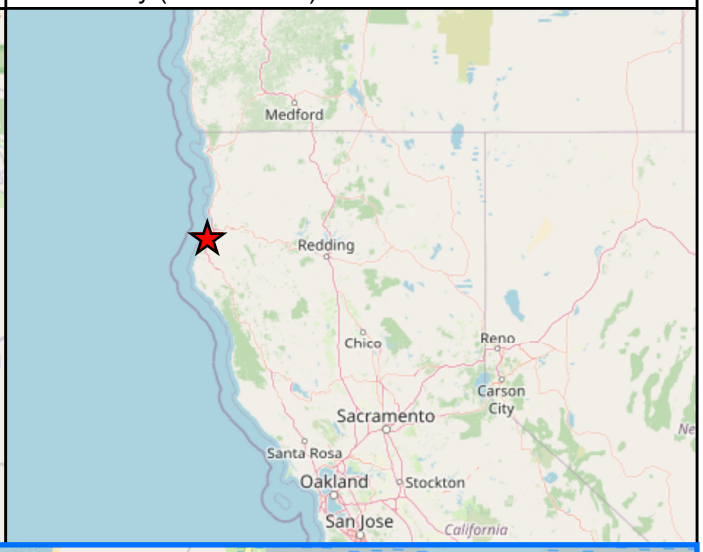
APPENDIX A

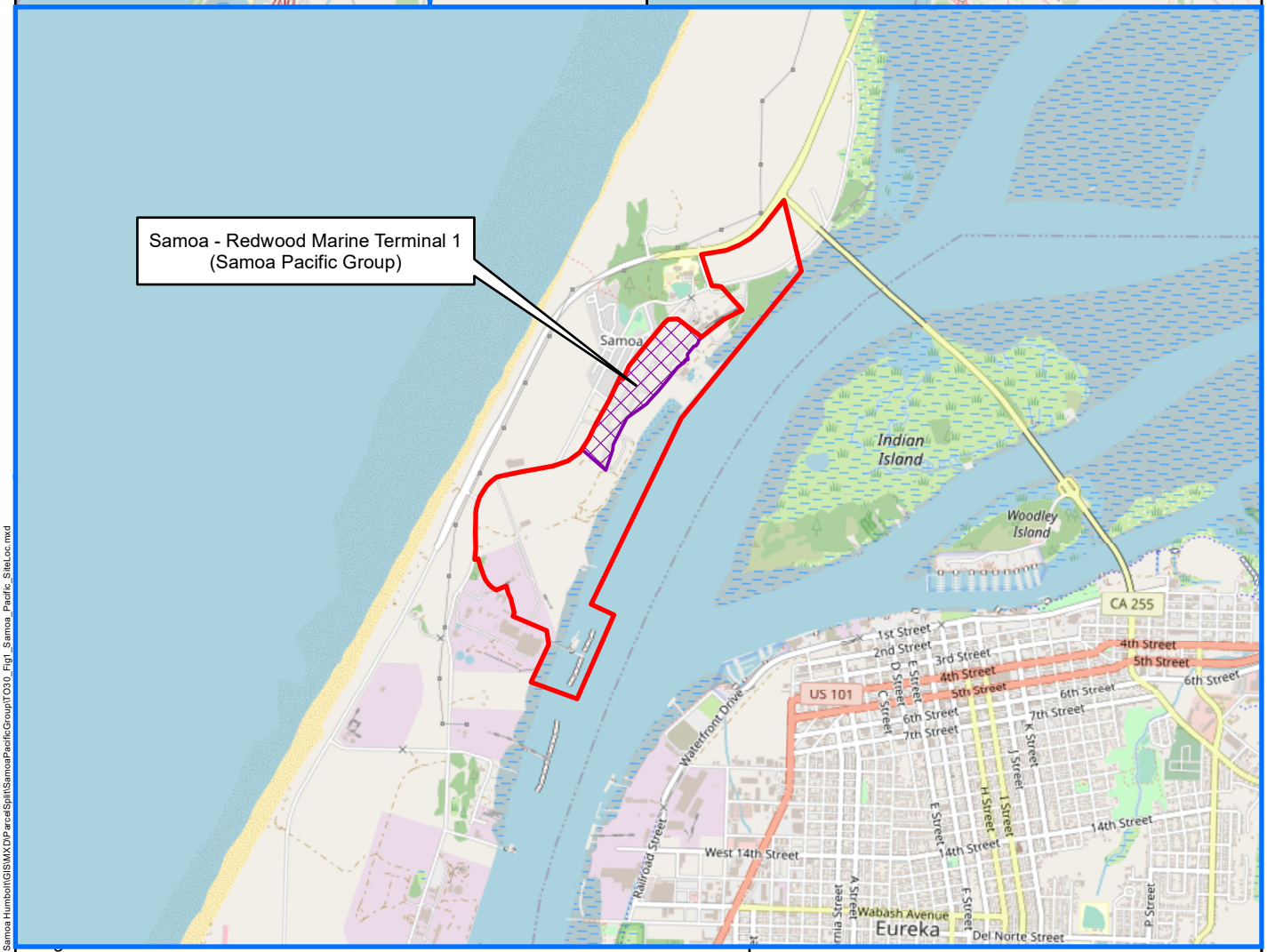
FIGURES

Site Vicinity (Large Scale) Scale: 1 inch = 5 miles



Site Vicinity (Small Scale) Scale: 1 inch = 200 miles





Site Location

Approximate Site Boundary

Parcel Boundary

Map Extent

N

0 1,500 3,000

Feet

Source: ESRI, ArcGIS Online, Open Streets Map Basemap, 2019

Samoa - Redwood Marine Terminal 1
Targeted Brownfields Assessment
Samoa, California

Figure 1
Samoa Pacific Group
Site Location

TETRA TECH

Date: 4/6/2022 Drawn By: Ryan Melendez Project No: 103Z65210007AD

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Legend

- Approximate Site Boundary
- Samoa Pacific Group
- Parcels

Note:
APN Assesor's Parcel Number

N

0 550 1,100

Feet

Source: ESRI, ArcGIS Online, Open Streets Map Basemap, 2019

Samoa - Redwood Marine Terminal 1
Targeted Brownfields Assessment
Samoa, California

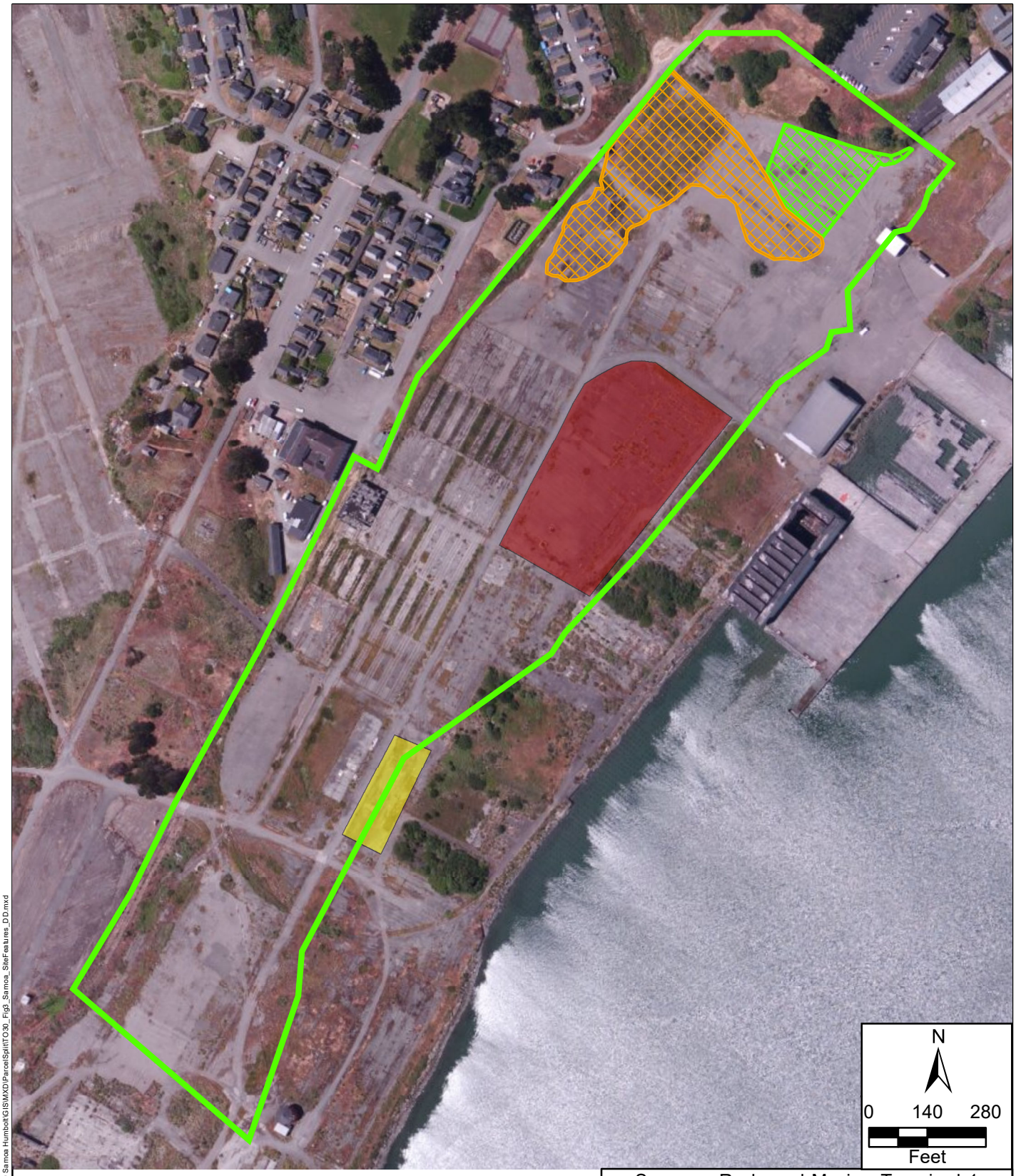
Figure 2

Site APN & Ownership Map

TETRA TECH

Date: 4/6/2022 Drawn By: Ryan Melendez Project No: 103Z65210007AD

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Legend

- Parcel Boundary
- Soil Stockpiles
- Steel Recyling Stockpiles
- Lee Fegis Firewood Operations
- Semi-Truck Parking

Samoa - Redwood Marine Terminal 1
Targeted Brownfields Assessment
Samoa, California

Figure 3
Samoa Pacific Group
Current Site Features

TETRA TECH

Date: 4/8/2022 Drawn By: Ryan Melendez Project No: 103Z65210007AD

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Source: ESRI, ArcGIS Online, World Imagery (Clarity) Basemap, 2022



Legend

- Parcel Boundary
- Storm Drains
- Storm Drain Ditch
- Woodchip Retaining Wall
- Approximate Site Boundary
- ASTs & USTs
- Former Buildings
- Wood Storage Areas

Note:
AST Aboveground Storage Tank
UST Underground Storage Tank

Samoa - Redwood Marine Terminal 1
Targeted Brownfields Assessment
Samoa, California

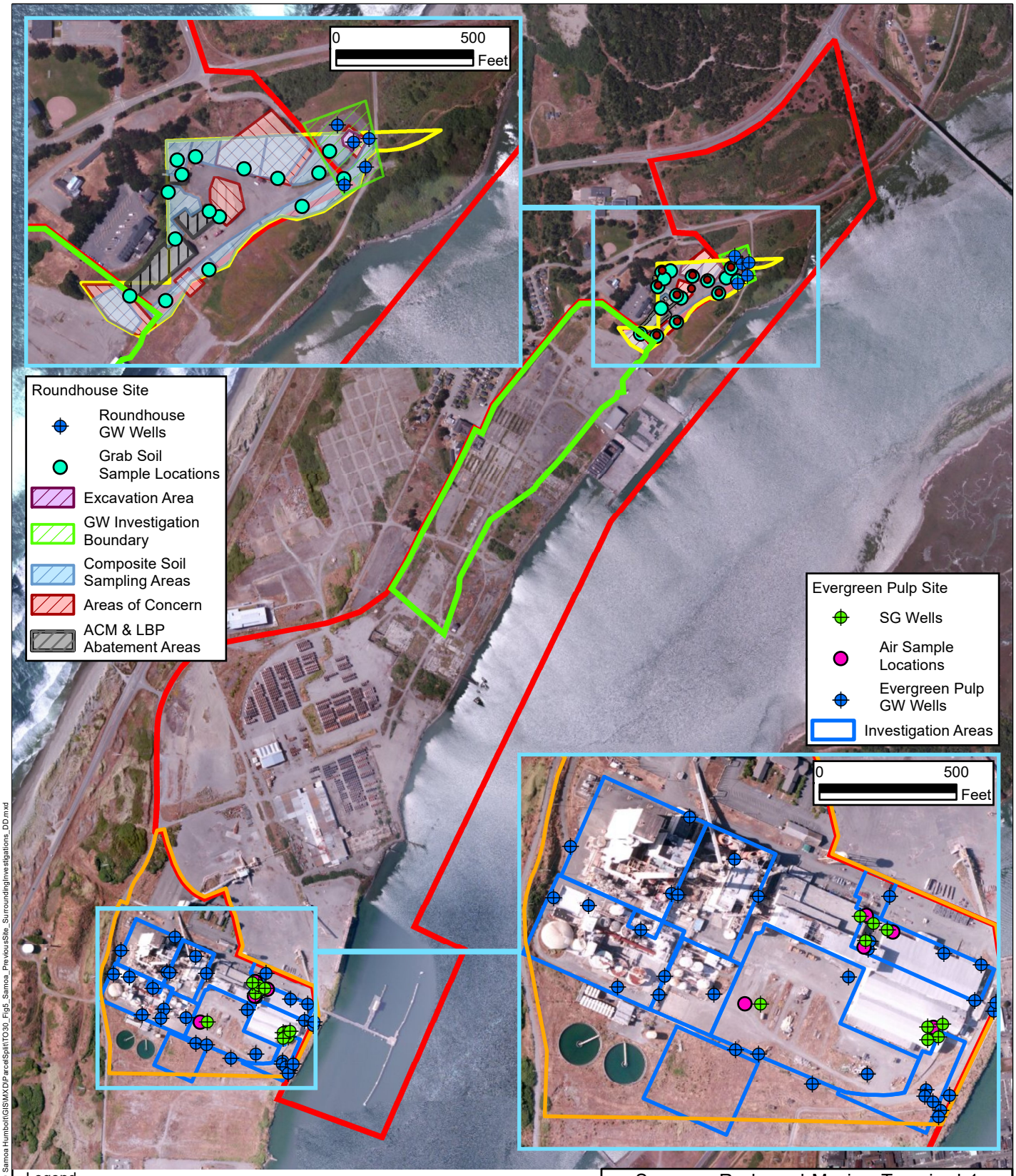
Figure 4
Samoa Pacific Group
Historical Site Layout

TETRA TECH

Date: 4/14/2022 Drawn By: Ryan Melendez Project No: 103Z65210007AD

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Source: ESRI, ArcGIS Online, World Imagery (Clarity) Basemap, 2022



Legend

- Parcel Boundary
- Evergreen Pulp Site Boundary
- Roundhouse Site Boundary
- Approximate Site Boundary

Notes:

ACM	Asbestos-Containing Material
GW	Groundwater
LBP	Lead-Based Paint
SG	Soil Gas

N

0 550 1,100

Feet

Source: ESRI, ArcGIS Online, Open Streets Map Basemap, 2019

Samoa - Redwood Marine Terminal 1
Targeted Brownfields Assessment
Samoa, California

Figure 5
Samoa Pacific Group
Previous Site & Surrounding Investigations

TETRA TECH

Date: 4/14/2022 Drawn By: Ryan Melendez Project No: 103Z65210007AD

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Legend

- RECs
- Former Buildings
- Parcel Boundary
- Approximate Site Boundary

N

0 550 1,100

Feet

Note:

AST Aboveground Storage Tank
PCP Pentachlorophenol
REC Recognized Environmental Condition
TBA Targeted Brownfield Assessment

Source: ESRI, ArcGIS Online, Open Streets Map Basemap, 2019

Samoa - Redwood Marine Terminal 1
Targeted Brownfields Assessment
Samoa, California

Figure 6
Samoa Pacific Group
Recognized Environmental Concerns

TETRA TECH

Date: 4/15/2022 Drawn By: Ryan Melendez Project No: 103Z65210007AD

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APPENDIX B

HISTORICAL USE DOCUMENTATION

APPENDIX B - 1

HISTORICAL SANBORN MAP SEARCH

Samoa - Redwood Marine Terminal 1- North
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802645.3
January 05, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/05/22

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802645.3

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech EM 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.

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Certified Sanborn Results:

Certification # A5F4-4A29-8EBA

PO # 103Z65210007AD

Project Samoa - Redwood - North

Maps Provided:

1964
1958
1957
1955
1949
1920

Sanborn® Library search results

Certification #: A5F4-4A29-8EBA

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

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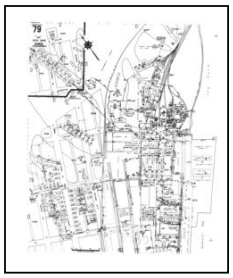
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Sanborn Sheet Key

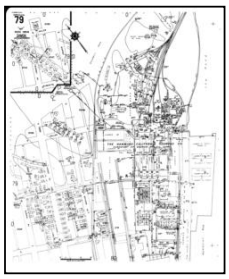
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1964 Source Sheets



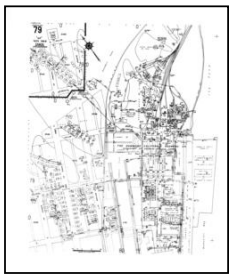
Volume 1, Sheet 79
1964

1958 Source Sheets



Volume 1, Sheet 79
1958

1957 Source Sheets



Volume 1, Sheet 79
1957

1955 Source Sheets



Volume 1, Sheet 79
1955

Sanborn Sheet Key

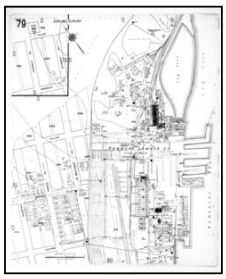
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1949 Source Sheets

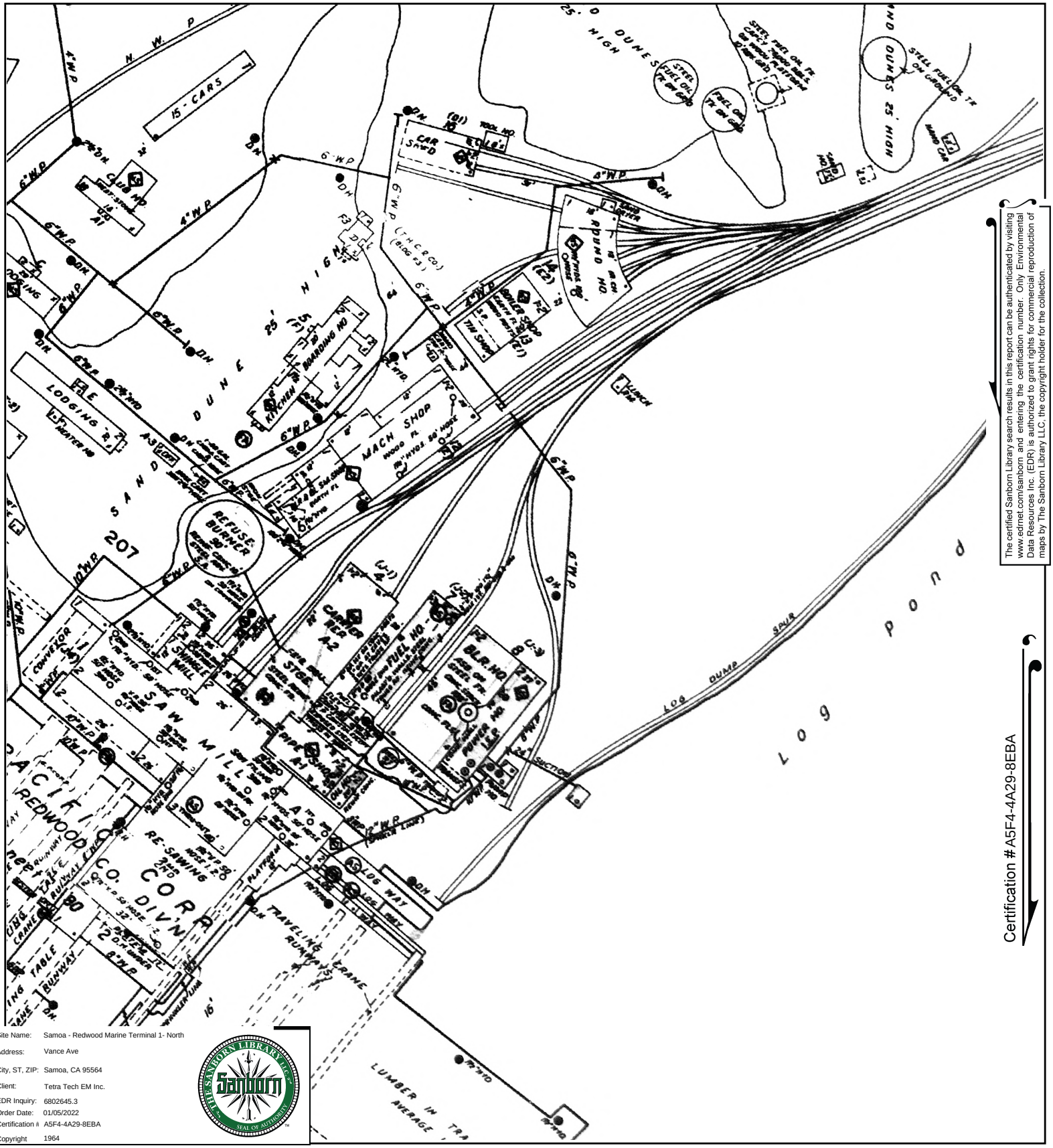


Volume 1, Sheet 79
1949

1920 Source Sheets



Volume 1, Sheet 79
1920



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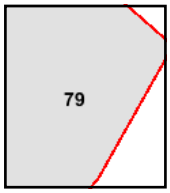
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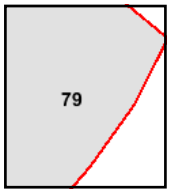
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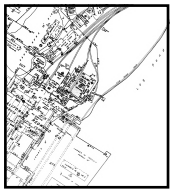
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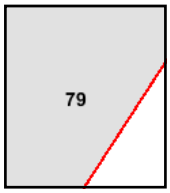
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Copyright	1957

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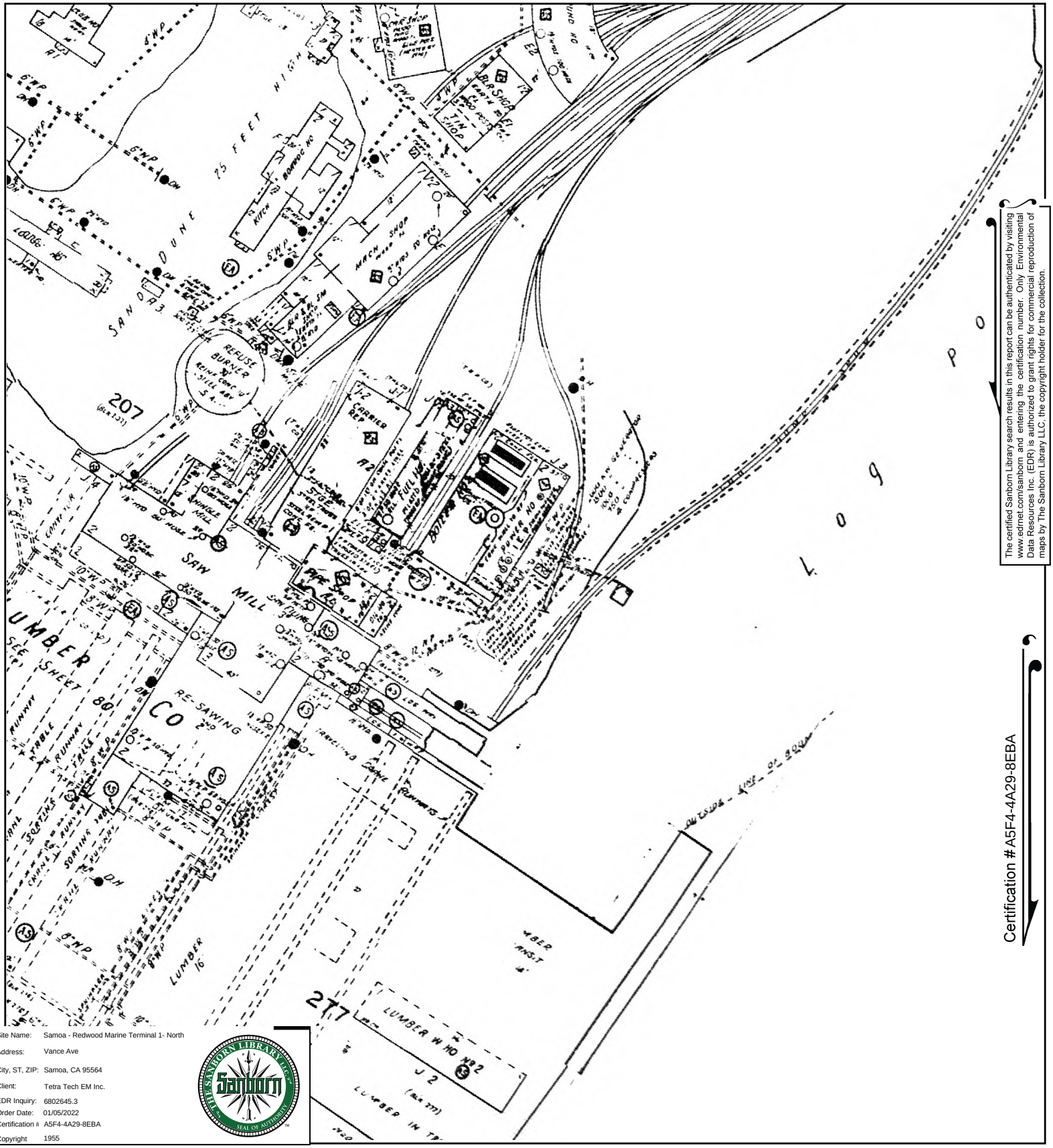
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Volume 1, Sheet 79

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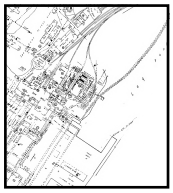
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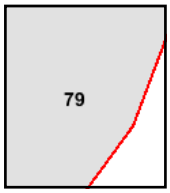
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Copyright	1955

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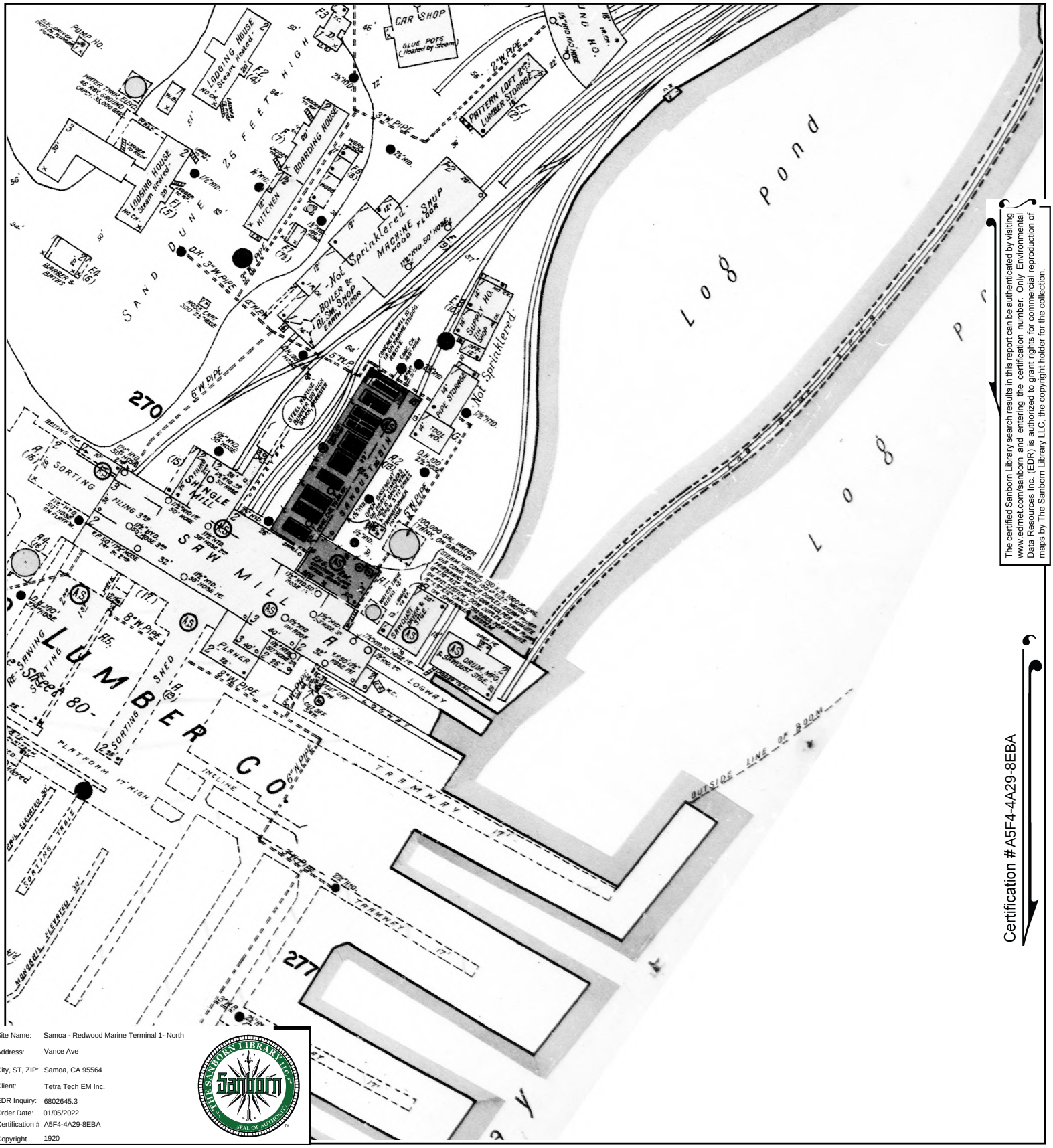
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Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1949

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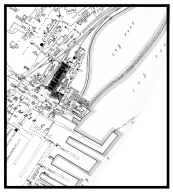
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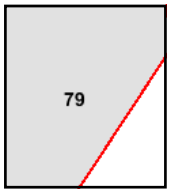
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Client:	Tetra Tech EM Inc.
EDR Inquiry:	6802645.3
Order Date:	01/05/2022
Certification #:	A5F4-4A29-8EBA
Copyright	1920

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Volume 1, Sheet 79

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Samoa - Redwood Marine Terminal 1- South
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802641.3
January 05, 2022

Certified Sanborn® Map Report

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Shelton, CT 06484
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Certified Sanborn® Map Report

01/05/22

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802641.3

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

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Certification # D211-4C3C-8F73

PO # 103Z65210007AD

Project Samoa - Redwood - South

Maps Provided:

1964
1958
1957
1955
1949
1920

Sanborn® Library search results

Certification #: D211-4C3C-8F73

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- ☑ Library of Congress
- ☑ University Publications of America
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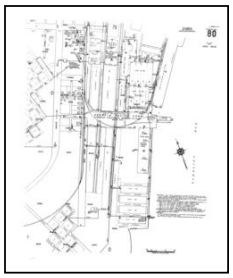
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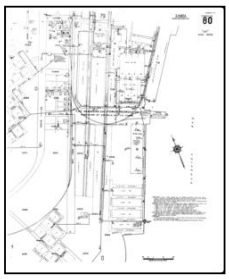
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

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Volume 1, Sheet 80
1964

1958 Source Sheets



Volume 1, Sheet 80
1958

1957 Source Sheets



Volume 1, Sheet 80
1957

1955 Source Sheets

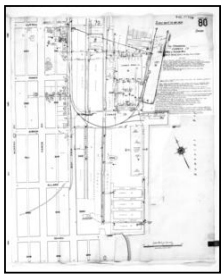


Volume 1, Sheet 80
1955

Sanborn Sheet Key

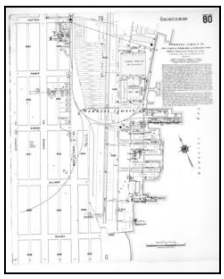
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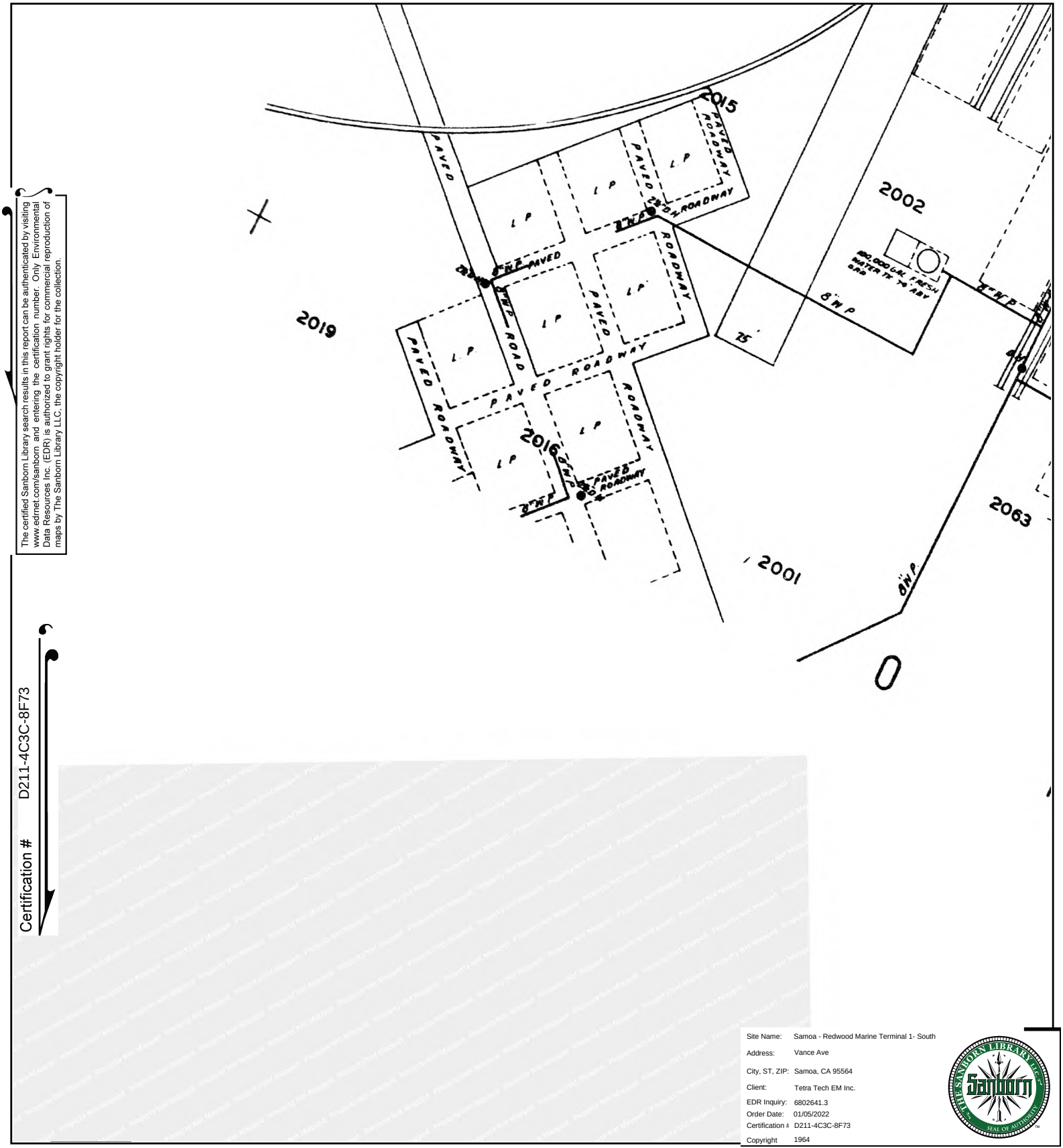


Volume 1, Sheet 80
1949

1920 Source Sheets



Volume 1, Sheet 80
1920

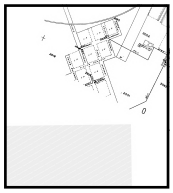


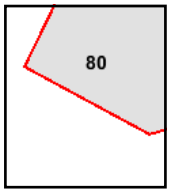
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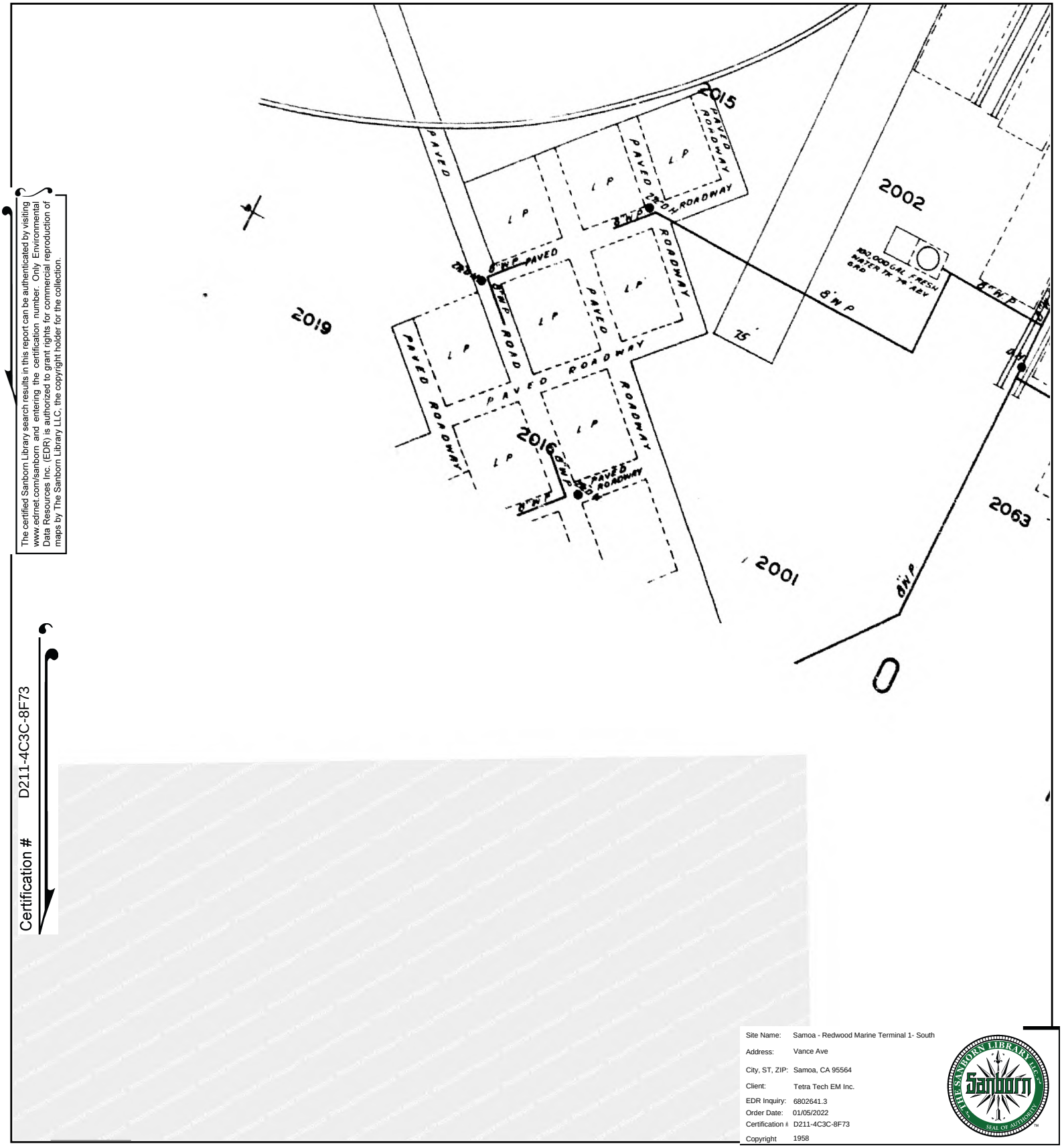


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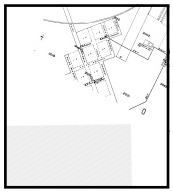
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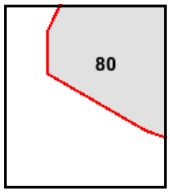


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Copyright	1958

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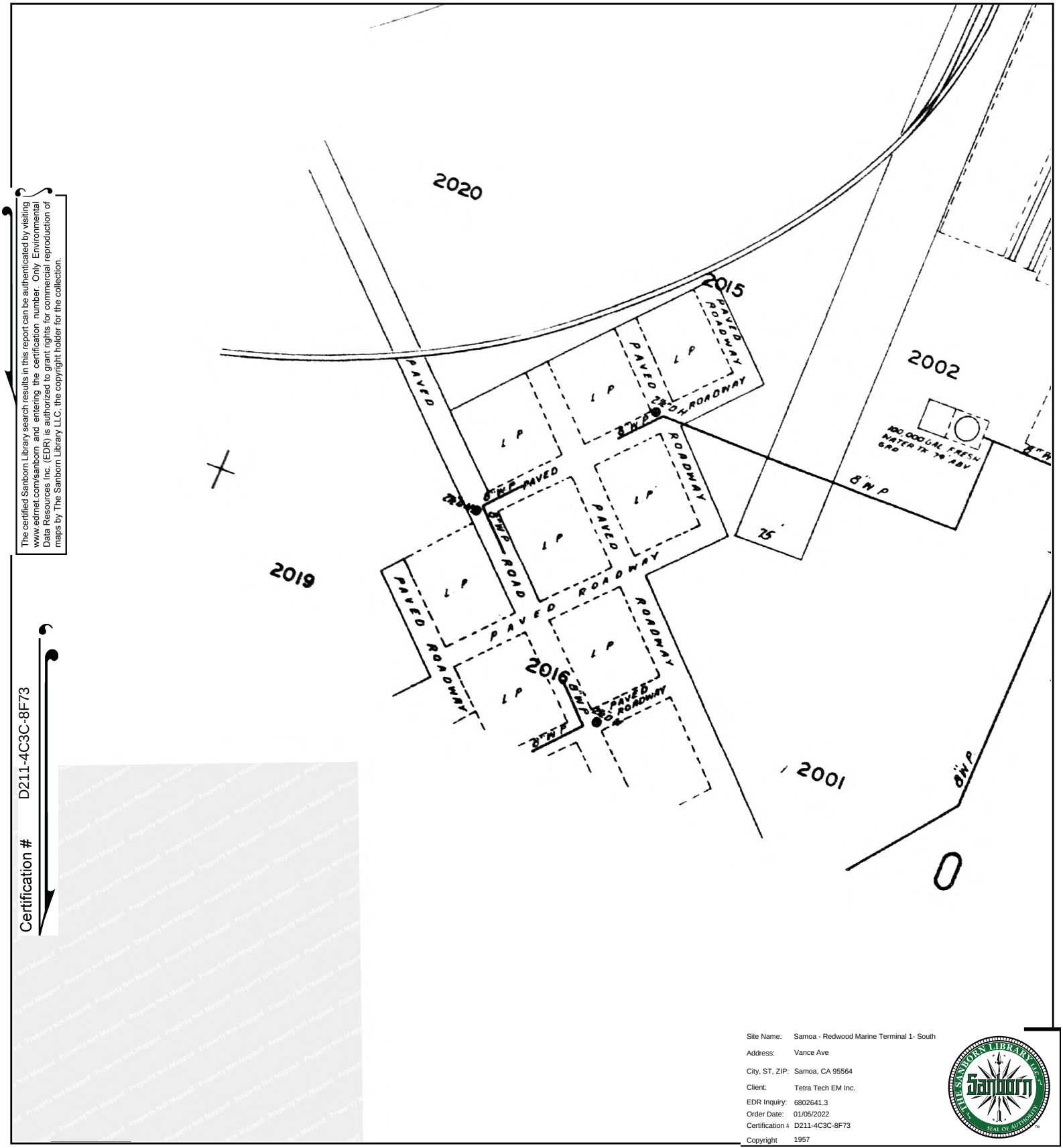


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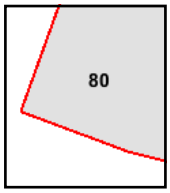
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Copyright	1957

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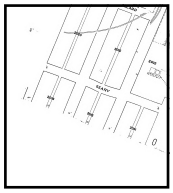


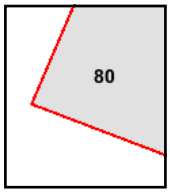
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Copyright	1955

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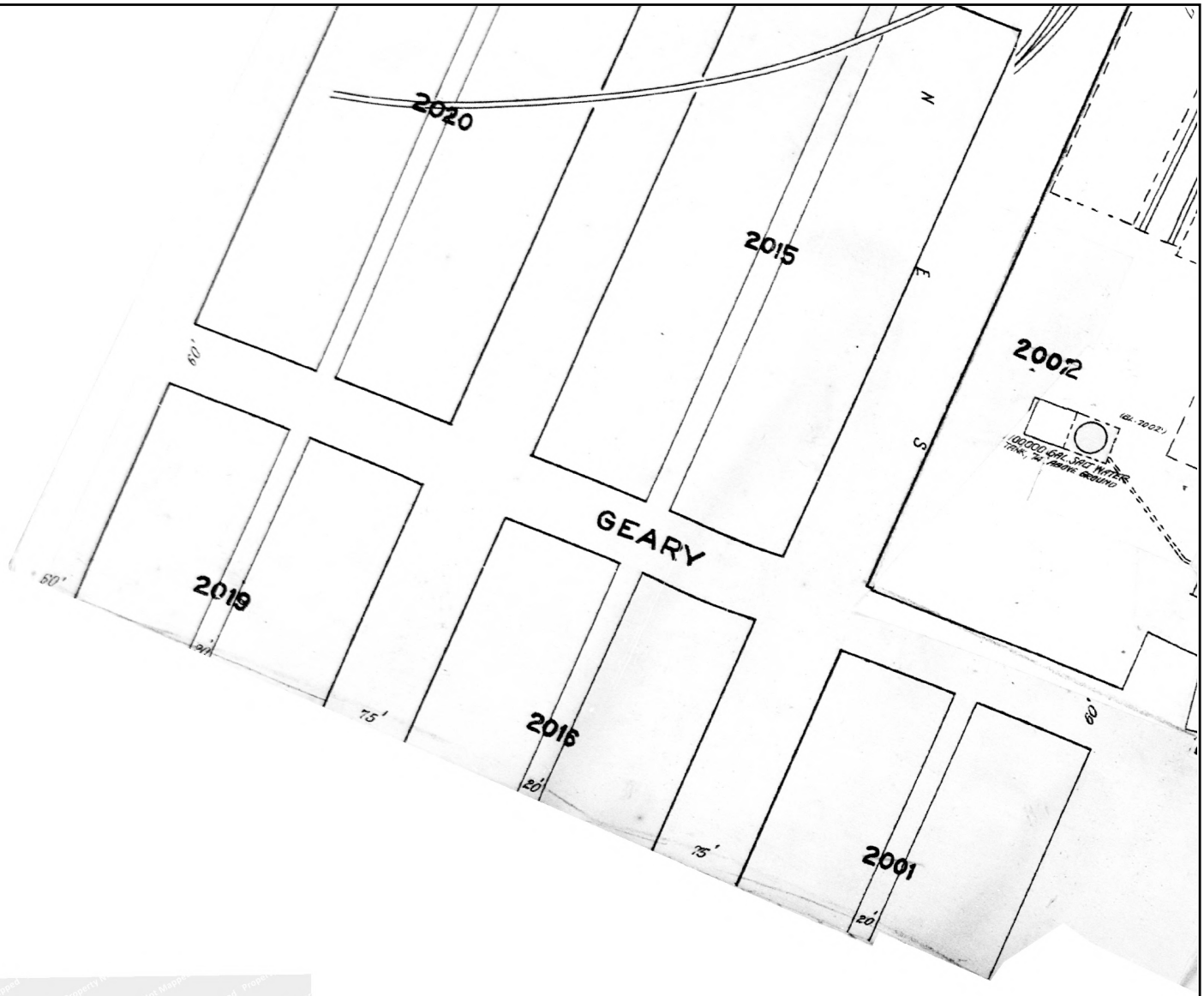




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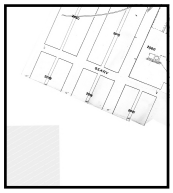


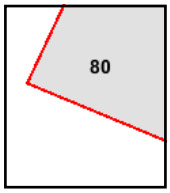
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Copyright	1949

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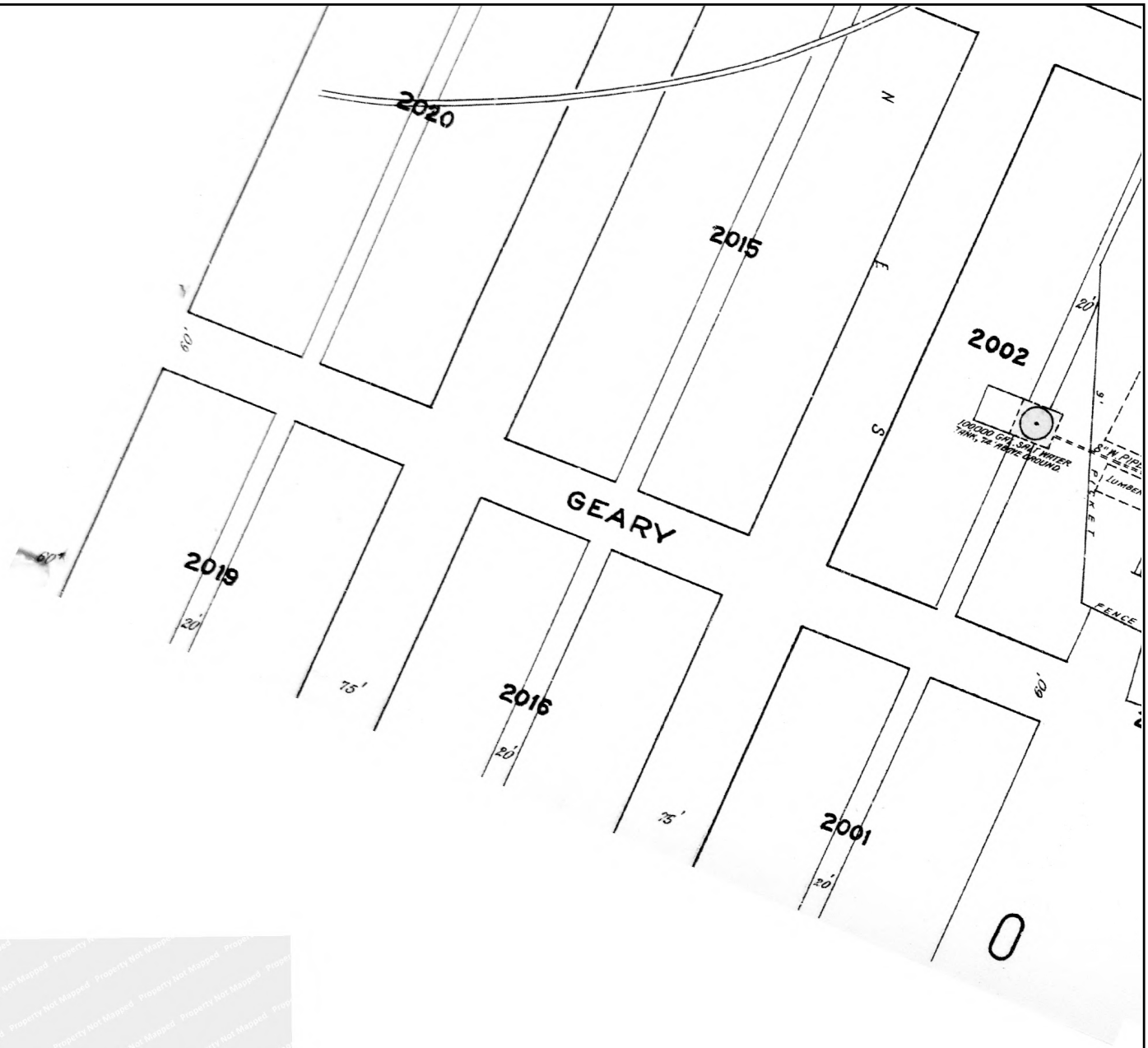


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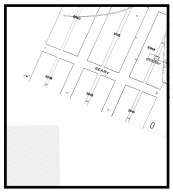
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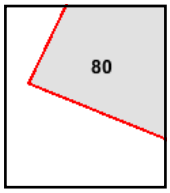
Certification # D211-4C3C-8F73



Site Name:	Samoa - Redwood Marine Terminal 1- South
Address:	Vance Ave
City, ST, ZIP:	Samoa, CA 95564
Client:	Tetra Tech EM Inc.
EDR Inquiry:	6802641.3
Order Date:	01/05/2022
Certification #:	D211-4C3C-8F73
Copyright	1920

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Volume 1, Sheet 80

0 Feet 150 300 600

N

Samoa - Redwood Marine Terminal 1- South
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802641.3
January 05, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/05/22

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802641.3

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

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Certified Sanborn Results:

Certification # D211-4C3C-8F73

PO # 103Z65210007AD

Project Samoa - Redwood - South

Maps Provided:

1964
1958
1957
1955
1949
1920

Sanborn® Library search results

Certification #: D211-4C3C-8F73

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- ☑ Library of Congress
- ☑ University Publications of America
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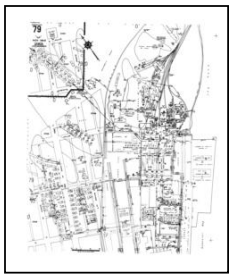
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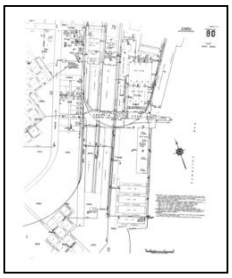
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1964 Source Sheets

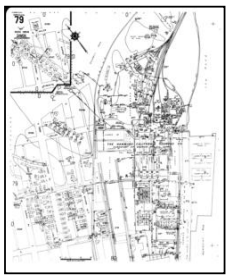


Volume 1, Sheet 79
1964

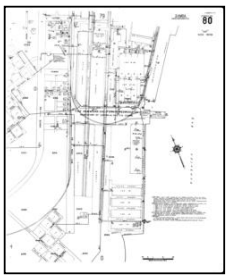


Volume 1, Sheet 80
1964

1958 Source Sheets

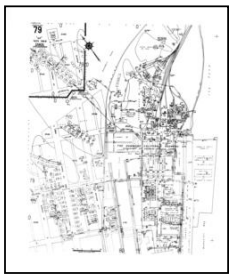


Volume 1, Sheet 79
1958



Volume 1, Sheet 80
1958

1957 Source Sheets



Volume 1, Sheet 79
1957



Volume 1, Sheet 80
1957

1955 Source Sheets



Volume 1, Sheet 79
1955

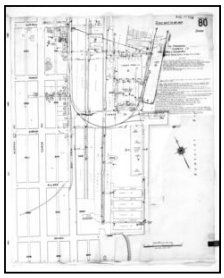


Volume 1, Sheet 80
1955

Sanborn Sheet Key

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1949 Source Sheets

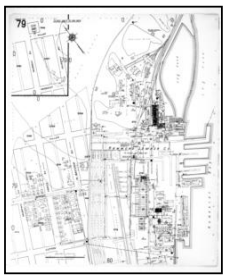


Volume 1, Sheet 80
1949

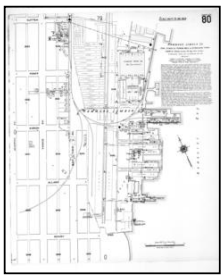


Volume 1, Sheet 79
1949

1920 Source Sheets



Volume 1, Sheet 79
1920



Volume 1, Sheet 80
1920

Certified Sanborn® Map

1964

Site Name: Samoa - Redwood Marine Terminal 1- South
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802641.3
Order Date: 01/05/2022
Certification #: D211-4C3C-8F73
Copyright: 1964

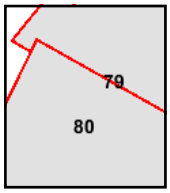
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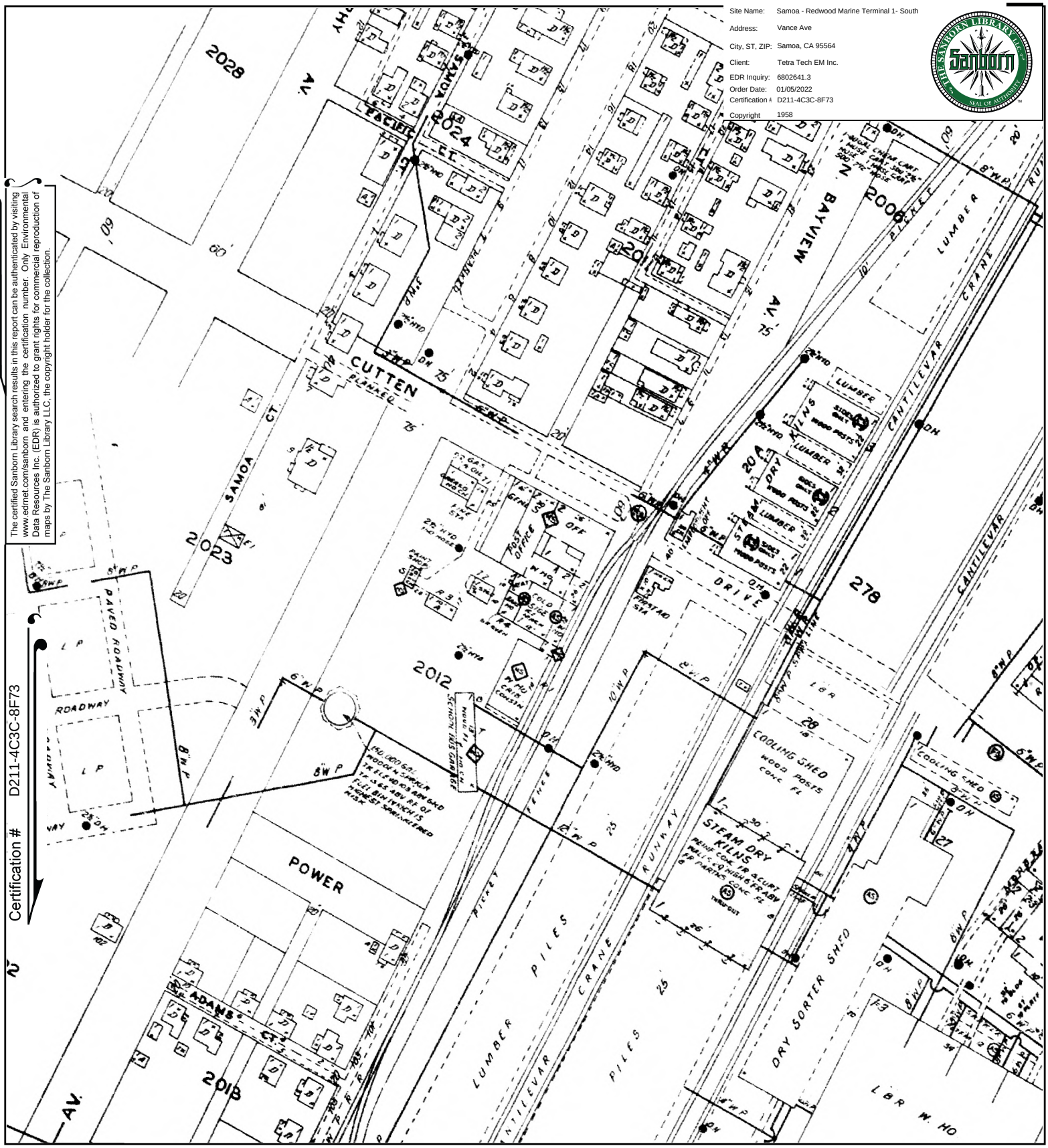


Volume 1, Sheet 80
Volume 1, Sheet 79

Site Name: Samoa - Redwood Marine Terminal 1- South
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802641.3
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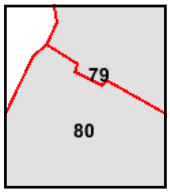
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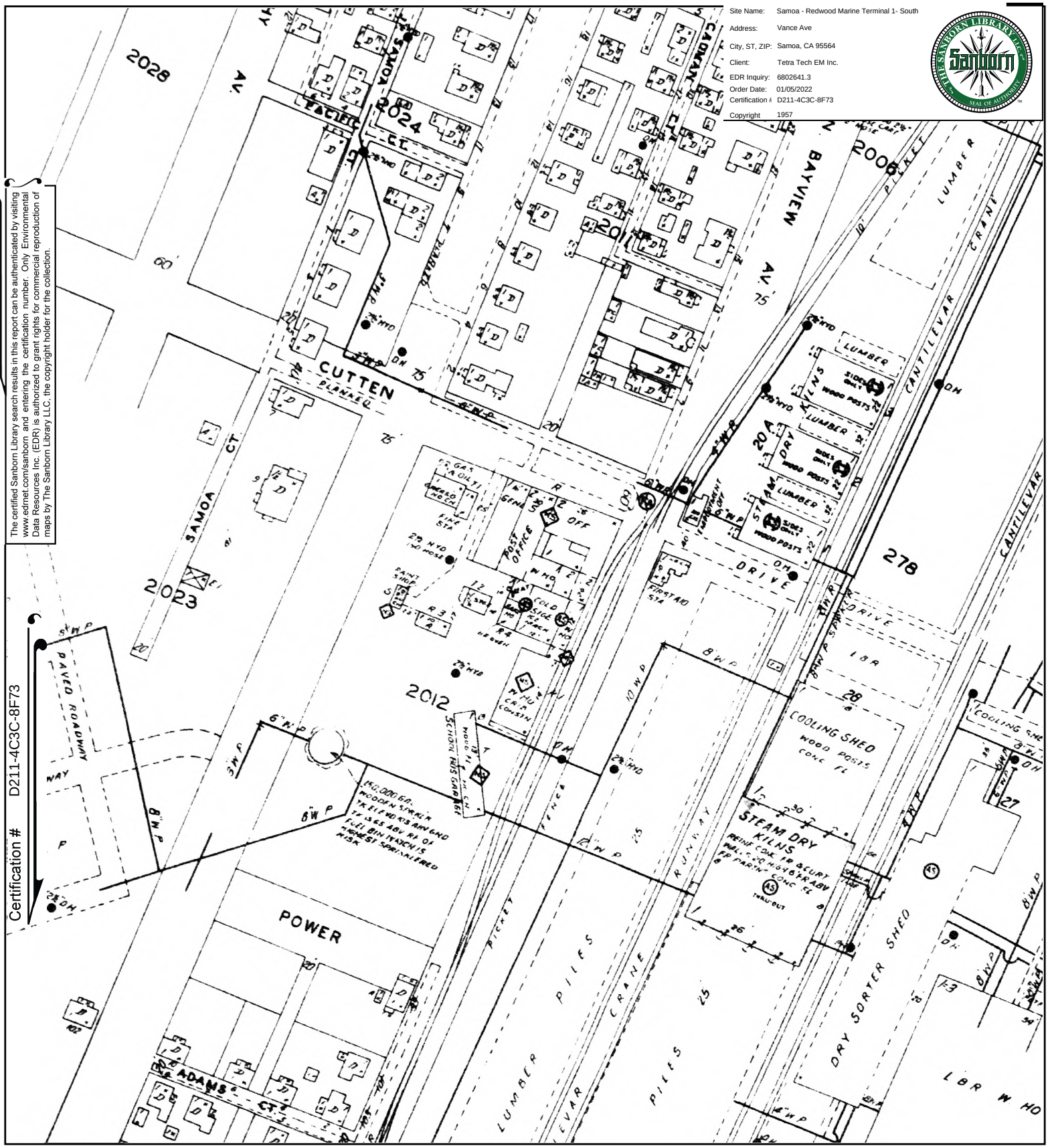
Volume 1, Sheet 80
Volume 1, Sheet 79

N

Site Name: Samoa - Redwood Marine Terminal 1- South
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
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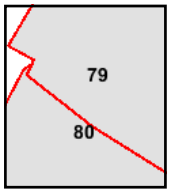
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N

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1955

Site Name:	Samoa - Redwood Marine Terminal 1- South
Address:	Vance Ave
City, ST, ZIP:	Samoa, CA 95564
Client:	Tetra Tech EM Inc.
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Order Date:	01/05/2022
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Copyright	1955

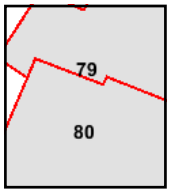
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Volume 1, Sheet 79

Site Name: Samoa - Redwood Marine Terminal 1- South
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802641.3
Order Date: 01/05/2022
Certification #: D211-4C3C-8F73
Copyright: 1949

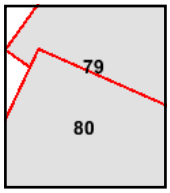
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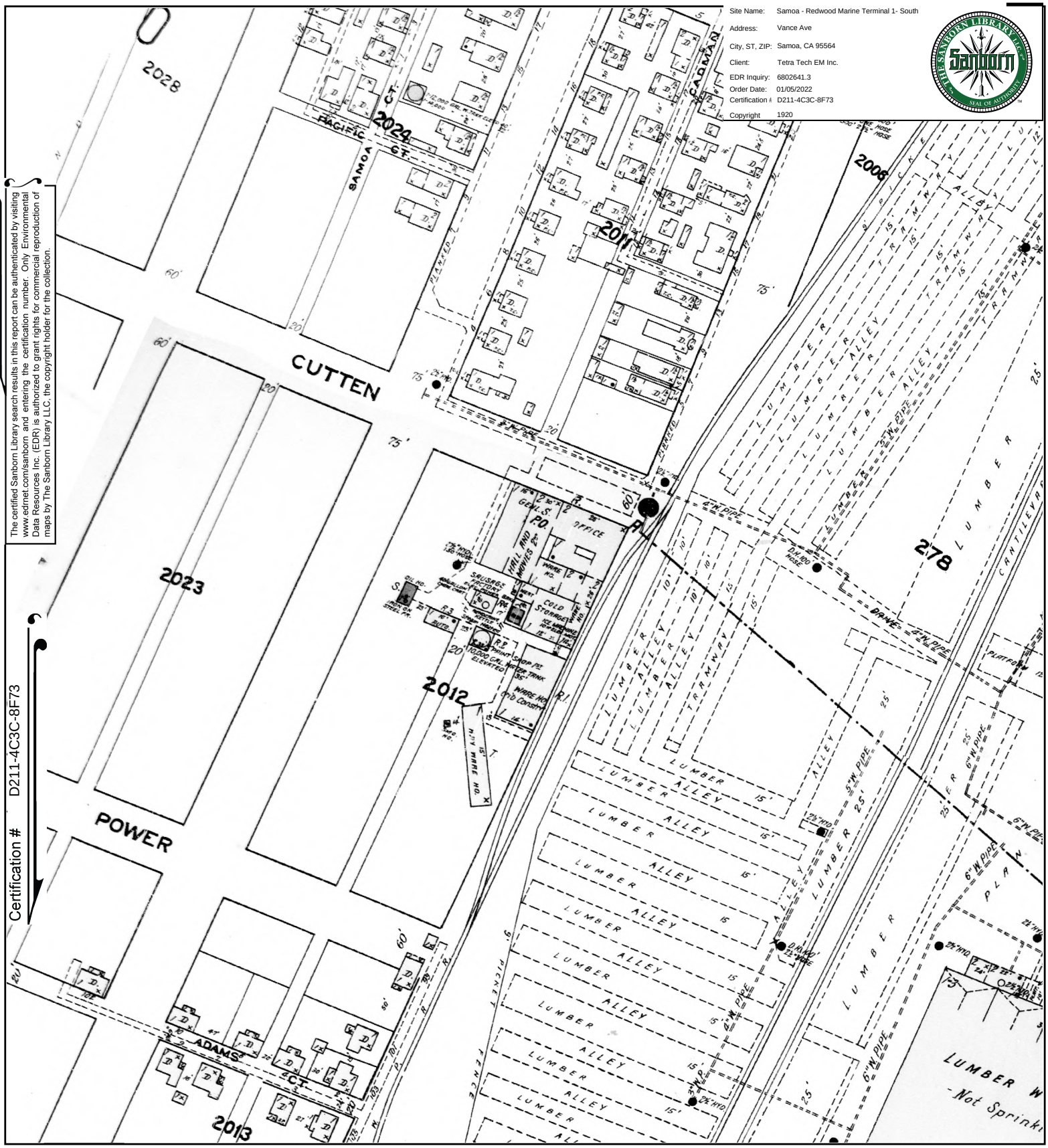
Volume 1, Sheet 79
Volume 1, Sheet 80

N

Site Name: Samoa - Redwood Marine Terminal 1- South
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802641.3
Order Date: 01/05/2022
Certification #: D211-4C3C-8F73
Copyright: 1920

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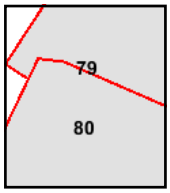
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Volume 1, Sheet 80
Volume 1, Sheet 79

N

Samoa - Redwood Marine Terminal 1- North
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802645.3
January 05, 2022

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Shelton, CT 06484
Toll Free: 800.352.0050
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01/05/22

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802645.3

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

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Certification # A5F4-4A29-8EBA

PO # 103Z65210007AD

Project Samoa - Redwood - North

Maps Provided:

1964
1958
1957
1955
1949
1920

Sanborn® Library search results

Certification #: A5F4-4A29-8EBA

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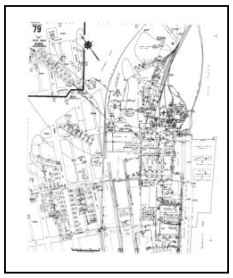
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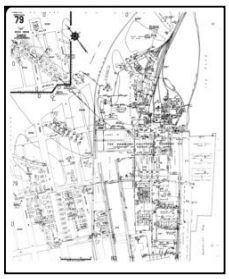
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1964 Source Sheets



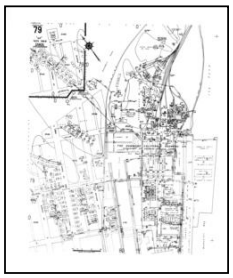
Volume 1, Sheet 79
1964

1958 Source Sheets



Volume 1, Sheet 79
1958

1957 Source Sheets



Volume 1, Sheet 79
1957

1955 Source Sheets



Volume 1, Sheet 79
1955

Sanborn Sheet Key

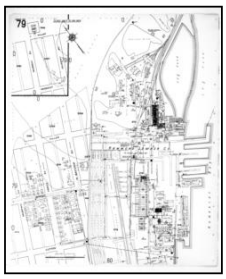
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1949 Source Sheets



Volume 1, Sheet 79
1949

1920 Source Sheets



Volume 1, Sheet 79
1920

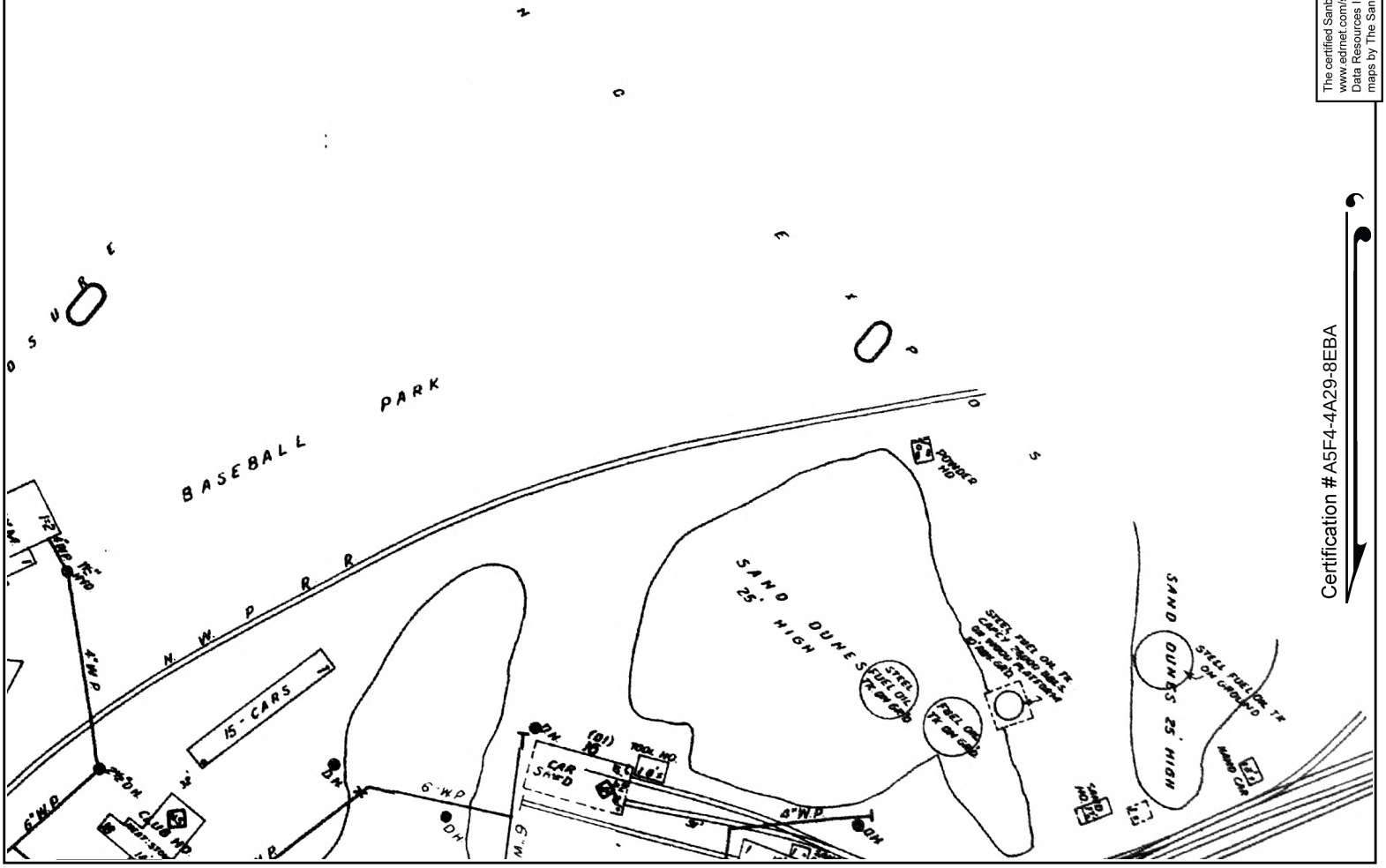
Certified Sanborn® Map

1964

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1964

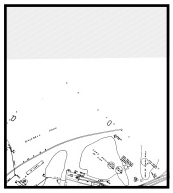
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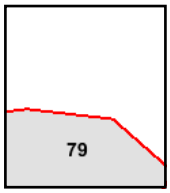
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Outlined areas indicate map sheets within the collection.

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Volume 1, Sheet 79

N

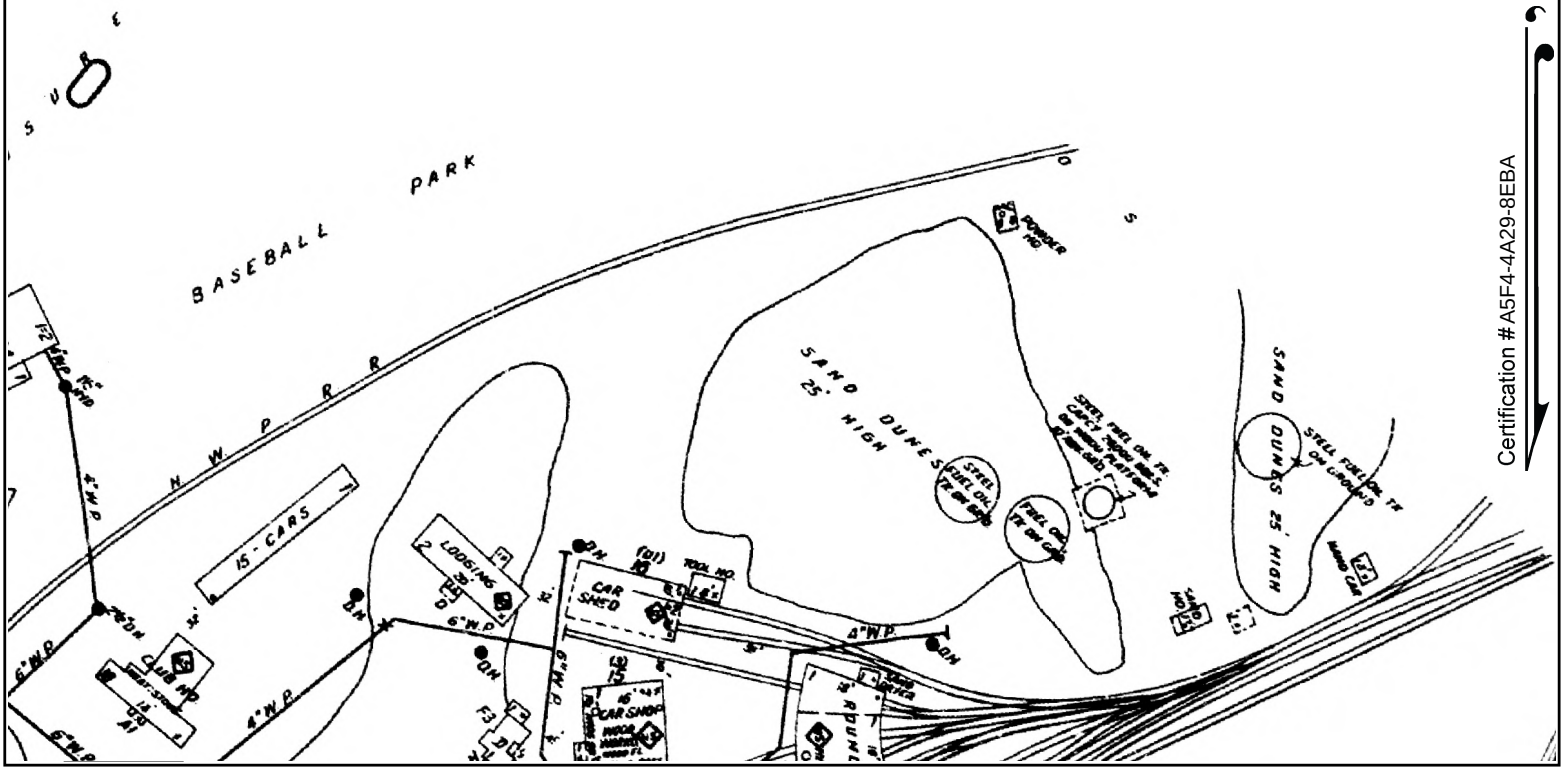
Certified Sanborn® Map

1958

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright 1958

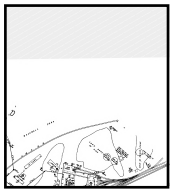
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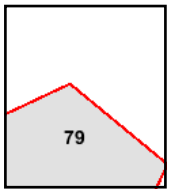
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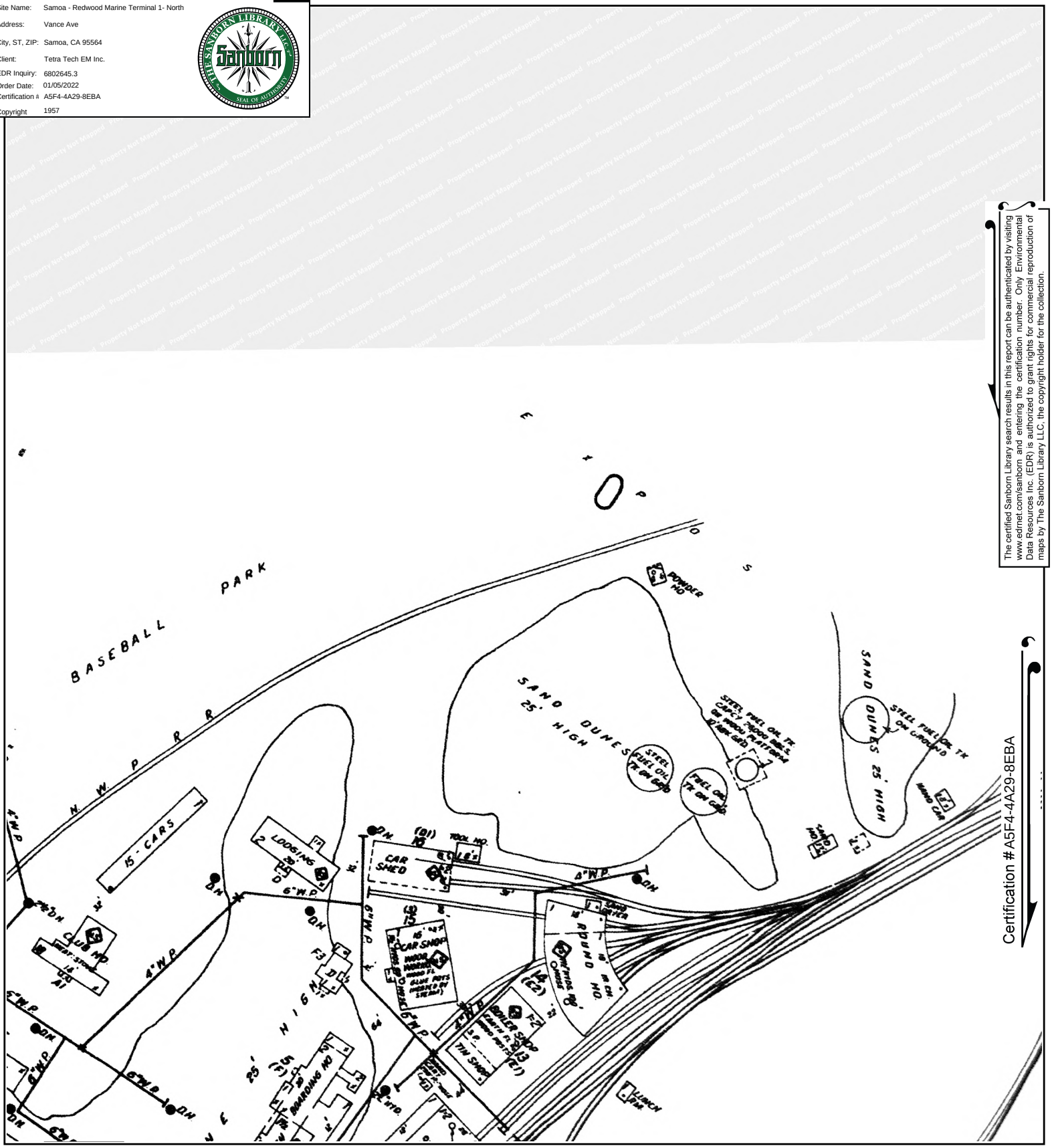
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Certified Sanborn® Map

1957

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright 1957

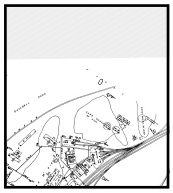
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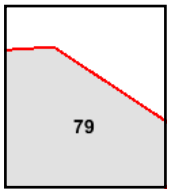


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Certified Sanborn® Map

1955

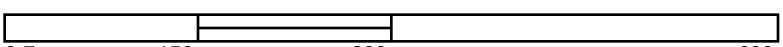
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EDR Inquiry: 6802645.3
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Certification #: A5F4-4A29-8EBA
Copyright 1955



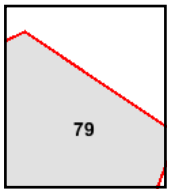
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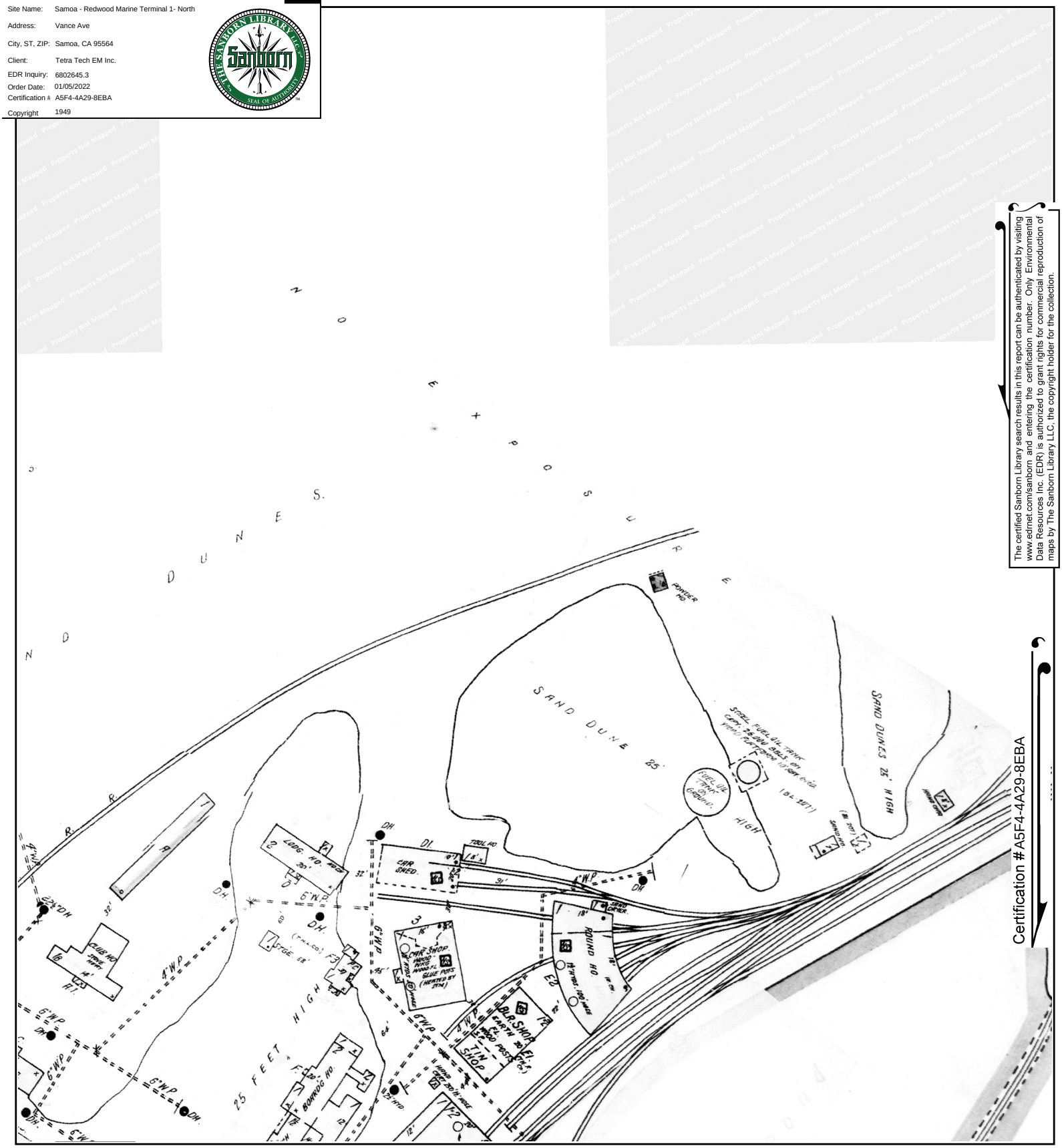
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1949

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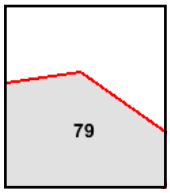


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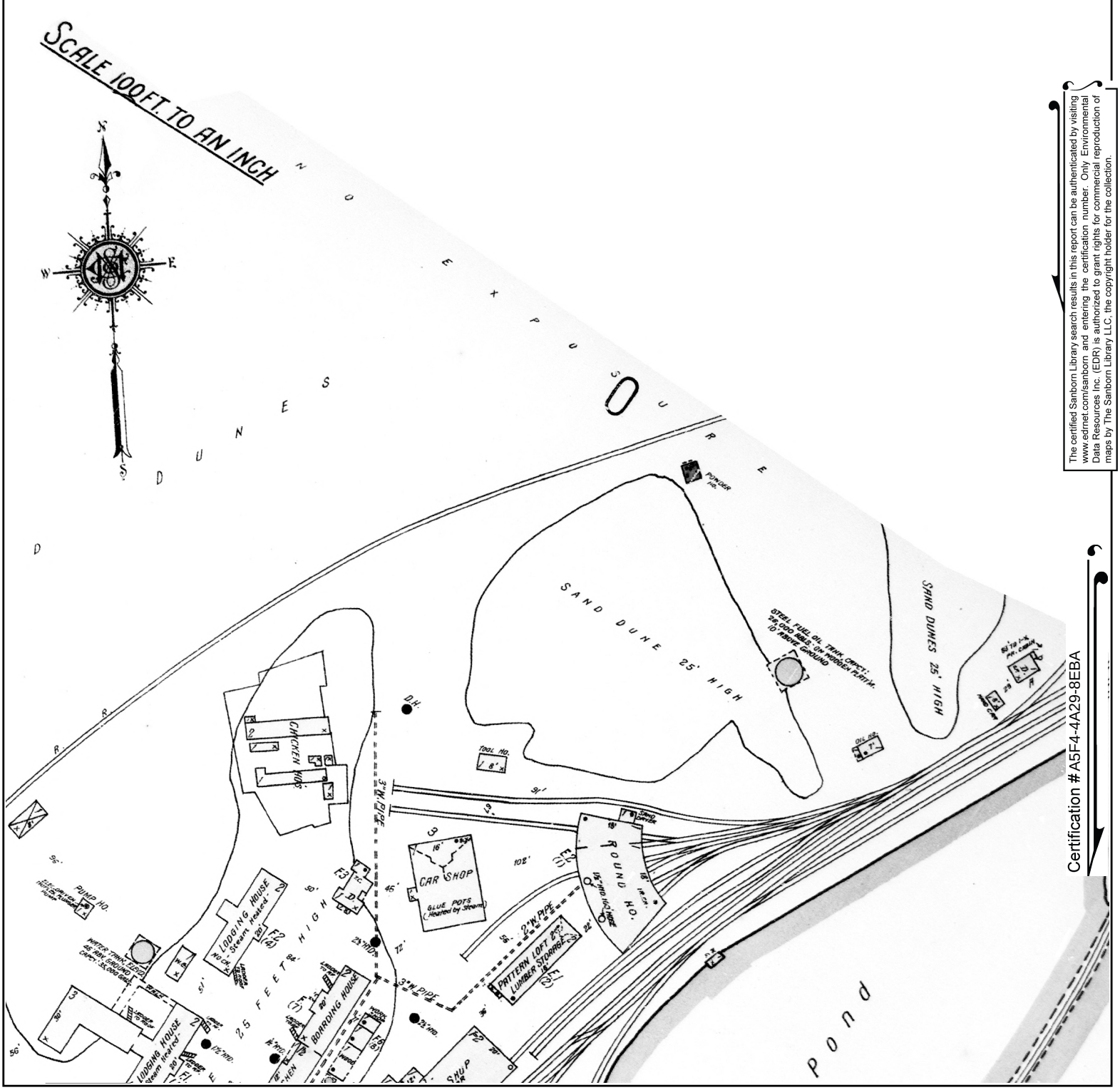


Volume 1, Sheet 79

0 Feet 150 300 600

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Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright 1920

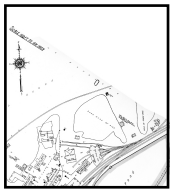


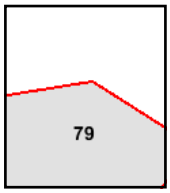
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Volume 1, Sheet 79

N

Samoa - Redwood Marine Terminal 1- South
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802641.3
January 05, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/05/22

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802641.3

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

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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 # D211-4C3C-8F73

PO # 103Z65210007AD

Project Samoa - Redwood - South

Maps Provided:

1964
1958
1957
1955
1949
1920

Sanborn® Library search results

Certification #: D211-4C3C-8F73

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

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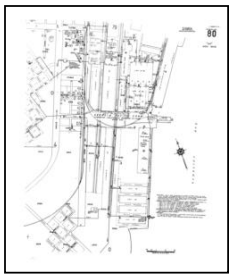
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Sanborn Sheet Key

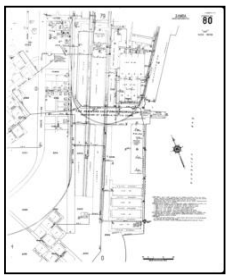
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1964 Source Sheets



Volume 1, Sheet 80
1964

1958 Source Sheets



Volume 1, Sheet 80
1958

1957 Source Sheets



Volume 1, Sheet 80
1957

1955 Source Sheets

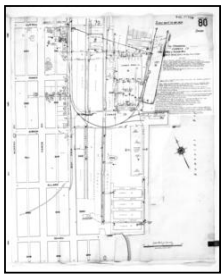


Volume 1, Sheet 80
1955

Sanborn Sheet Key

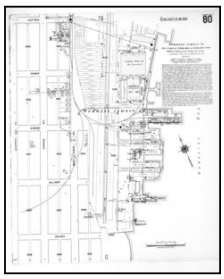
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1949 Source Sheets



Volume 1, Sheet 80
1949

1920 Source Sheets

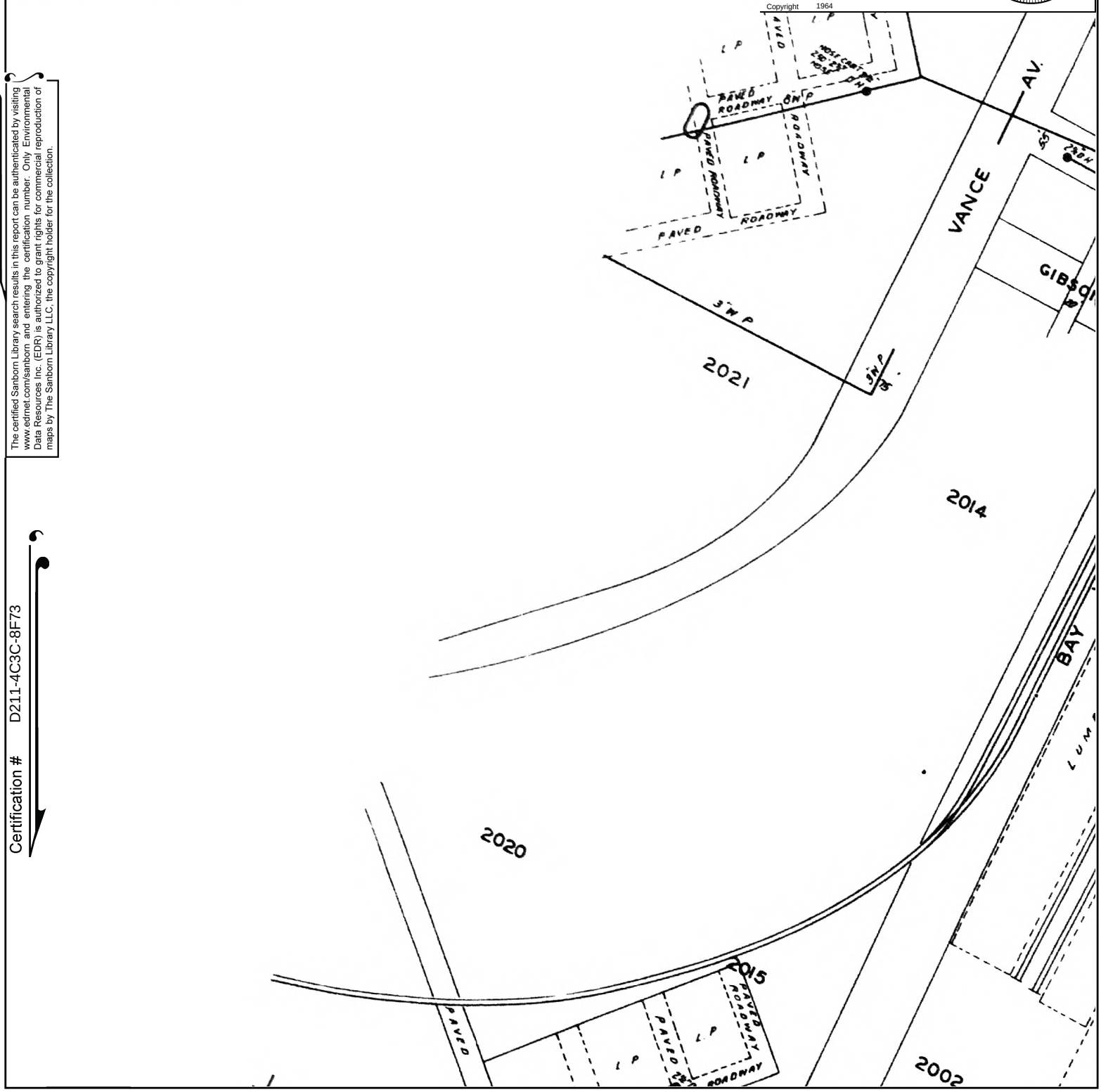


Volume 1, Sheet 80
1920

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Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802641.3
Order Date: 01/05/2022
Certification #: D211-4C3C-8F73
Copyright 1964

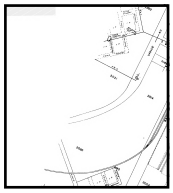
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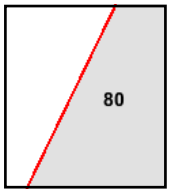
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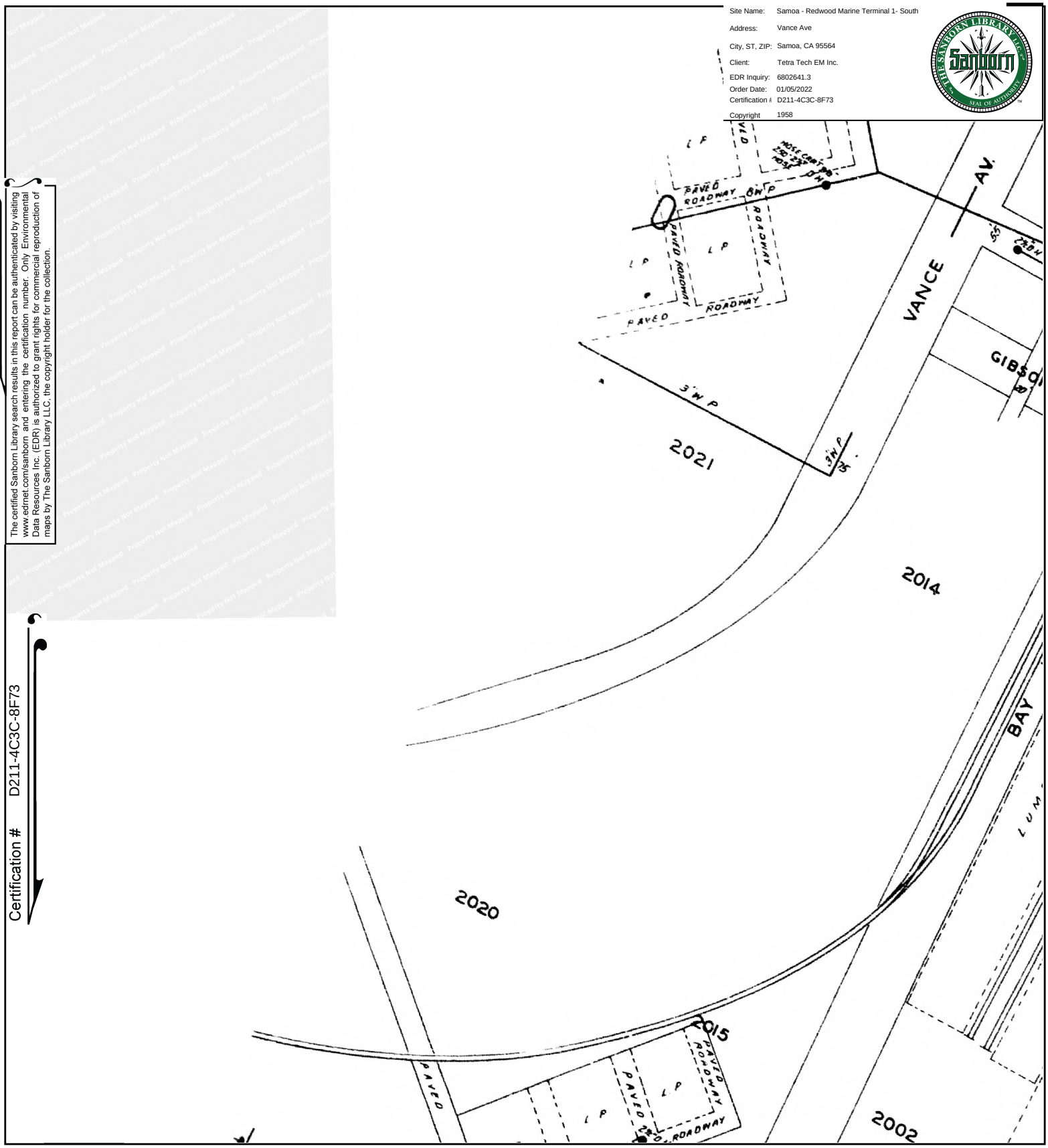
Volume 1, Sheet 80

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Site Name: Samoa - Redwood Marine Terminal 1- South
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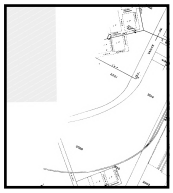
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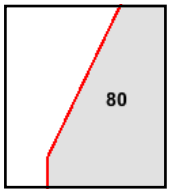
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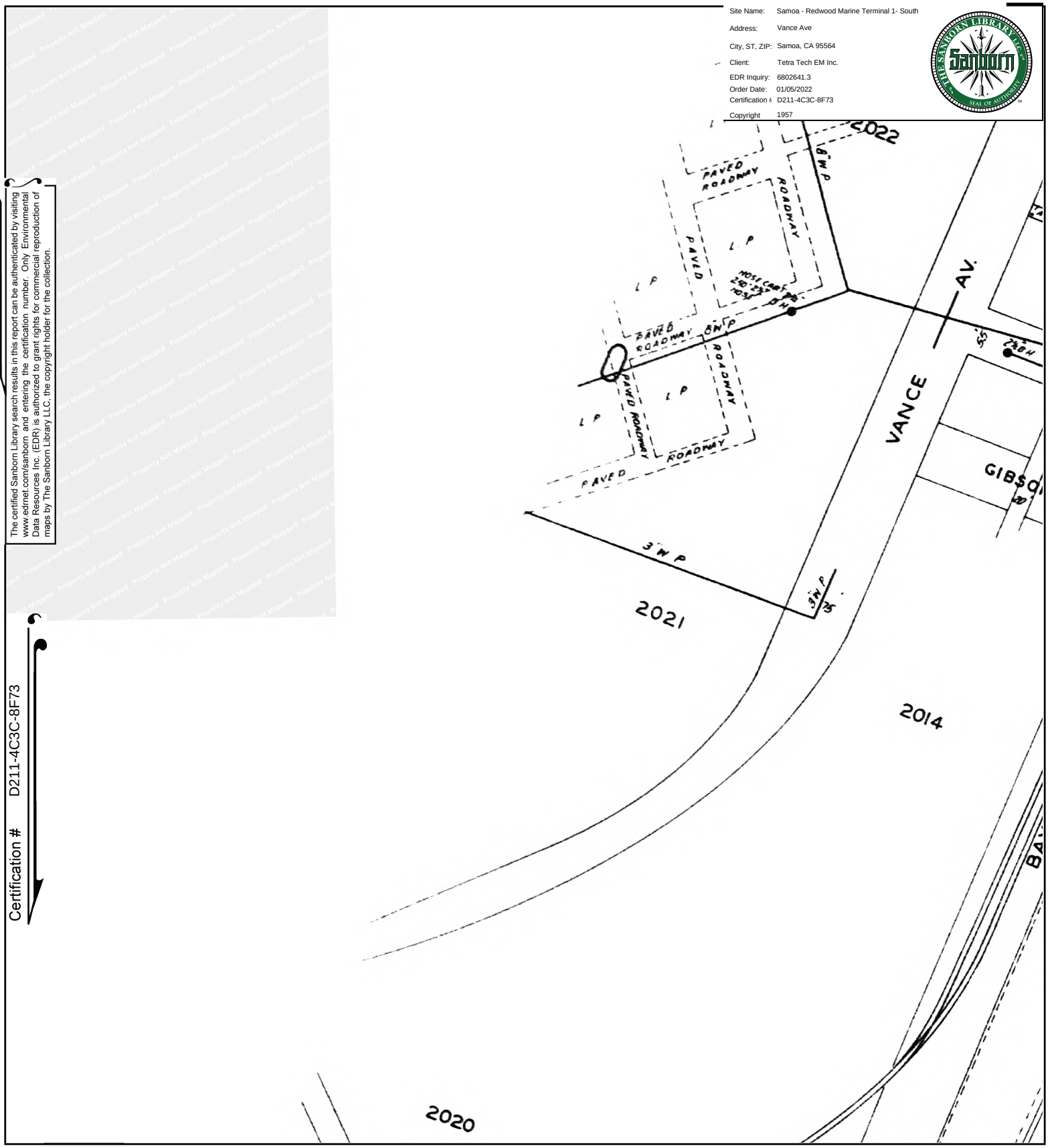
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Client: Tetra Tech EM Inc.
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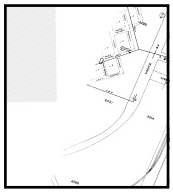
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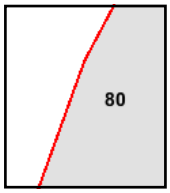
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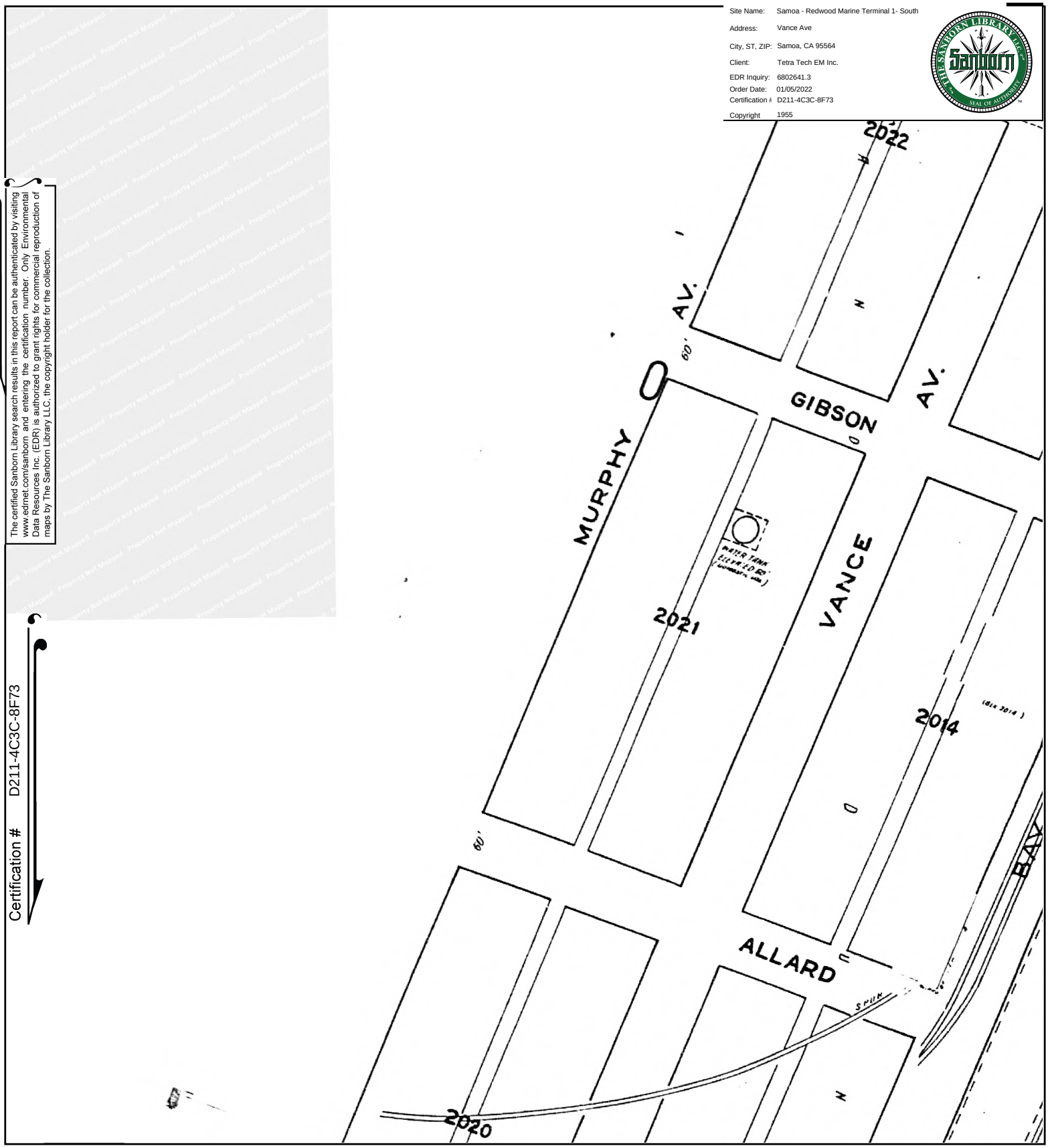
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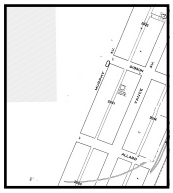
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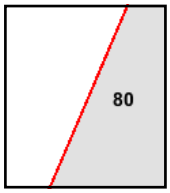
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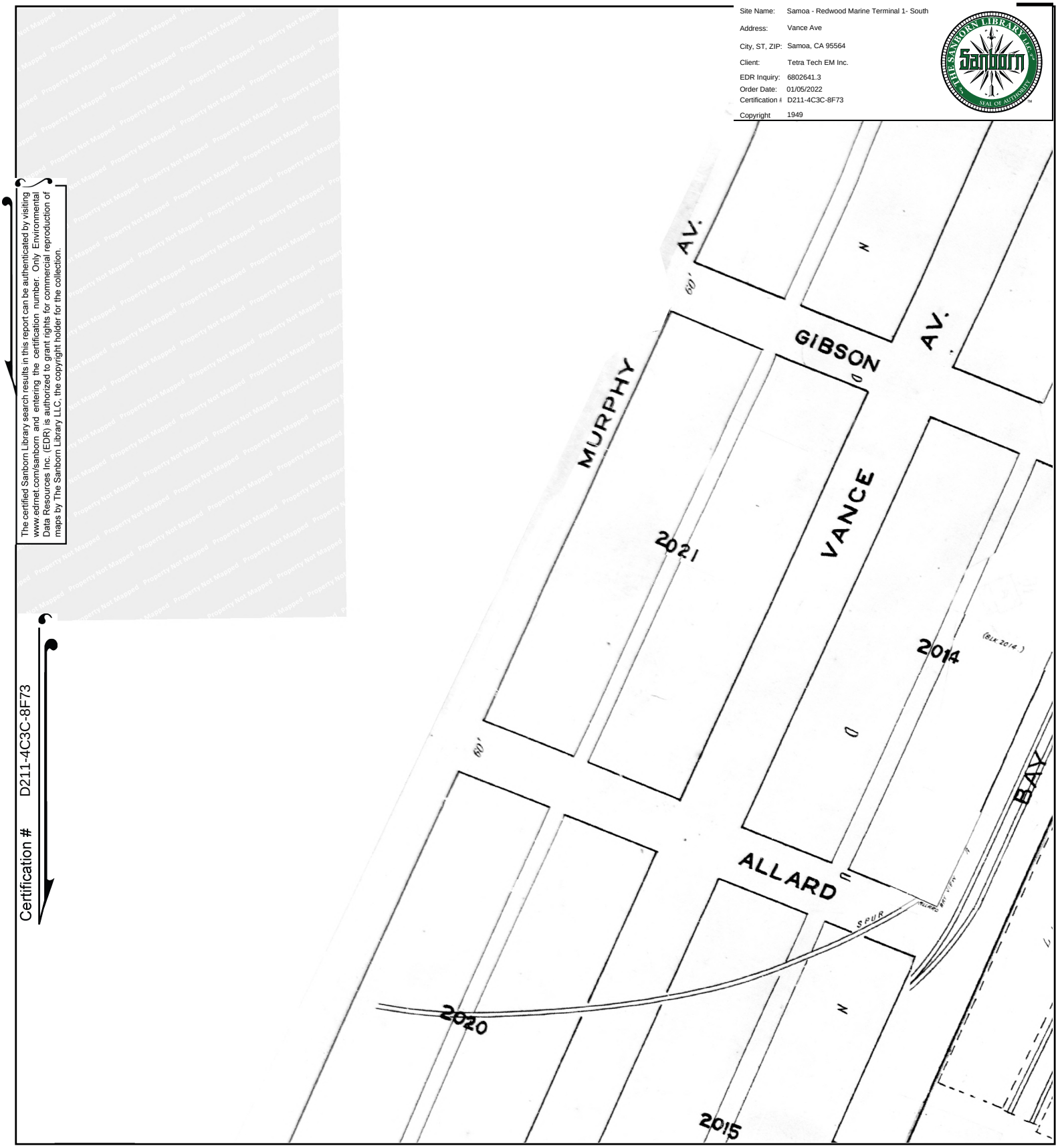
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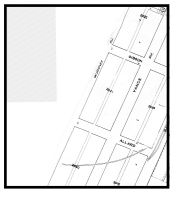
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Order Date: 01/05/2022
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Copyright: 1949

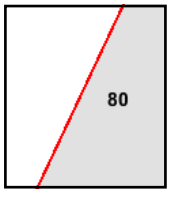
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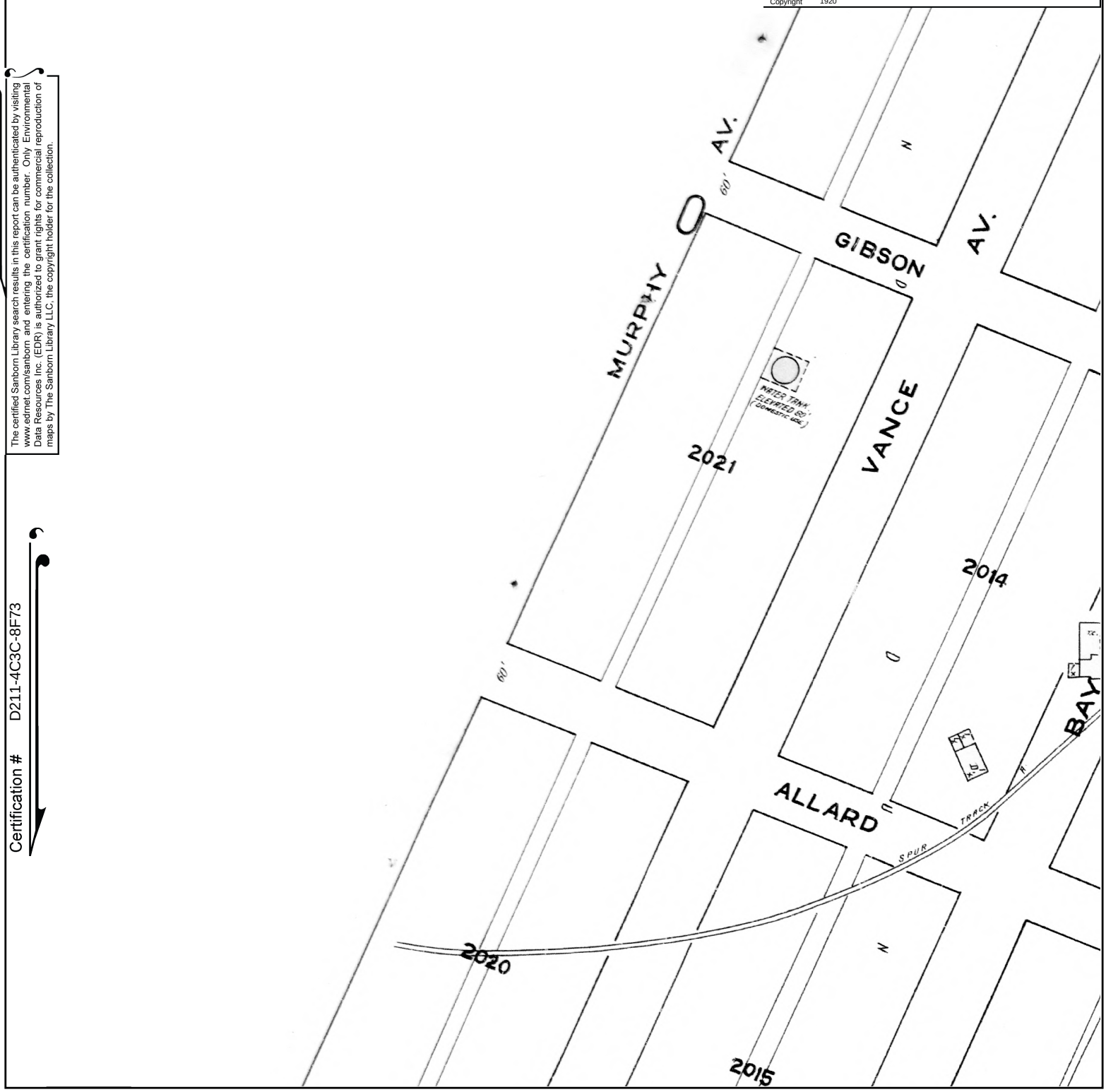
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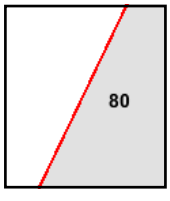
Certification # D211-4C3C-8F73



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Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





Volume 1, Sheet 80

Samoa - Redwood Marine Terminal 1- North
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802645.3
January 05, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/05/22

Site Name:	Client Name:
Samoa - Redwood Marine Terr	Tetra Tech EM Inc.
Vance Ave	1999 Harrison Street
Samoa, CA 95564	Oakland, CA 94612-0000
EDR Inquiry # 6802645.3	Contact: Savannah Russell

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Certified Sanborn Results:

Certification # A5F4-4A29-8EBA

PO # 103Z65210007AD

Project Samoa - Redwood - North

Maps Provided:

1964
1957
1955
1949
1920

Sanborn® Library search results

Certification #: A5F4-4A29-8EBA

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

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Sanborn Sheet Key

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1957 Source Sheets



Volume 1, Sheet 79
1957

1955 Source Sheets



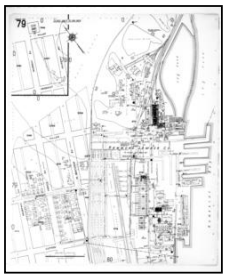
Volume 1, Sheet 79
1955

1949 Source Sheets



Volume 1, Sheet 79
1949

1920 Source Sheets



Volume 1, Sheet 79
1920

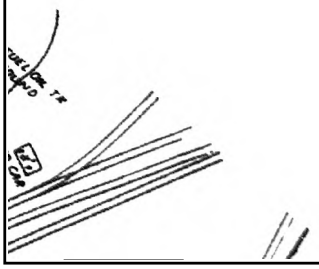
Certified Sanborn® Map

1964

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1964

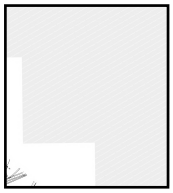
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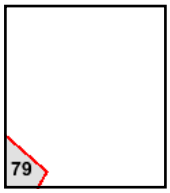
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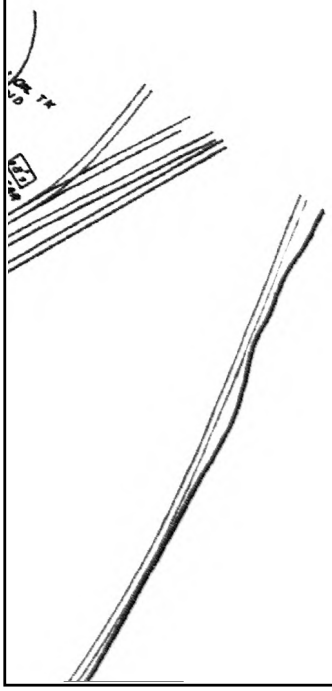
Certified Sanborn® Map

1957

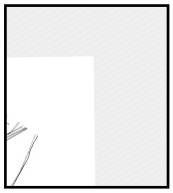
Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1957

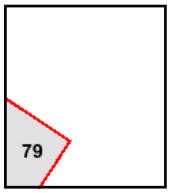
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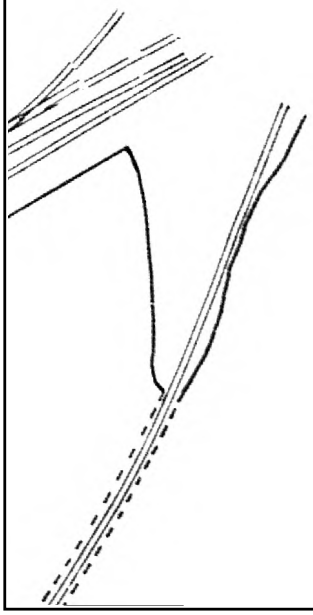
Certified Sanborn® Map

1955

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1955

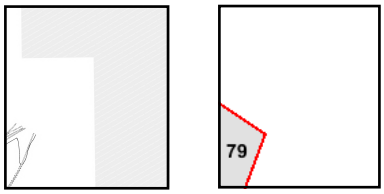
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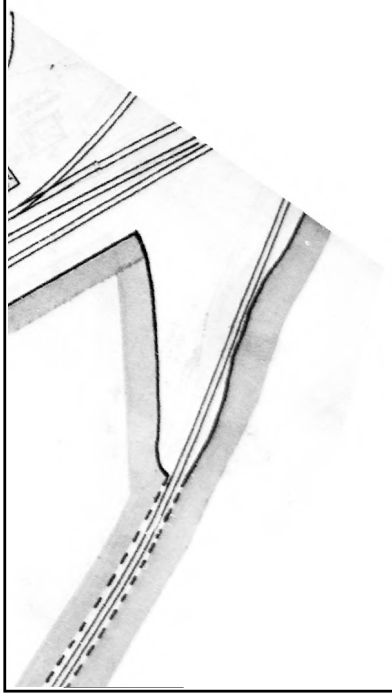
Certified Sanborn® Map

1949

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1949

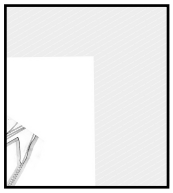
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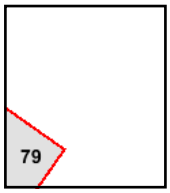
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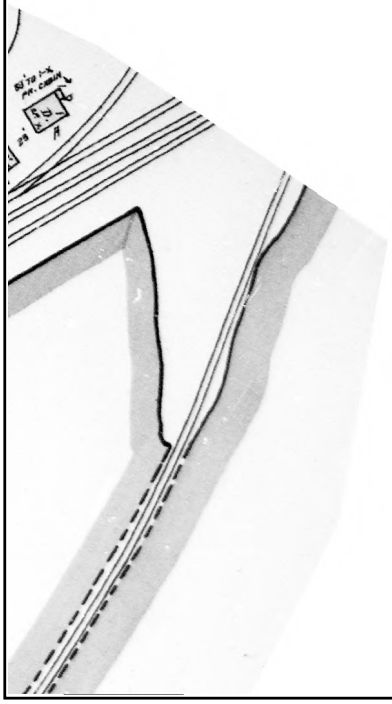
Volume 1, Sheet 79

N

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
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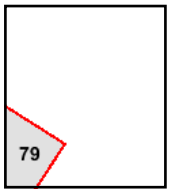


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Volume 1, Sheet 79





N

Samoa - Redwood Marine Terminal 1- South
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802641.3
January 05, 2022

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/05/22

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802641.3

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

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Certified Sanborn Results:

Certification # D211-4C3C-8F73

PO # 103Z65210007AD

Project Samoa - Redwood - South

Maps Provided:

1964
1958
1957
1955
1949
1920

Sanborn® Library search results

Certification #: D211-4C3C-8F73

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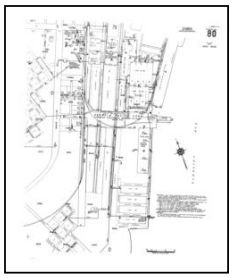
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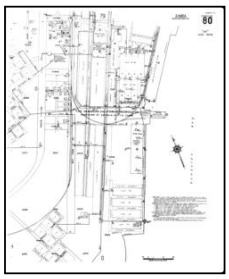
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1964 Source Sheets



Volume 1, Sheet 80
1964

1958 Source Sheets



Volume 1, Sheet 80
1958

1957 Source Sheets



Volume 1, Sheet 80
1957

1955 Source Sheets

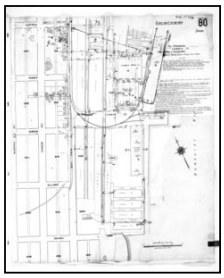


Volume 1, Sheet 80
1955

Sanborn Sheet Key

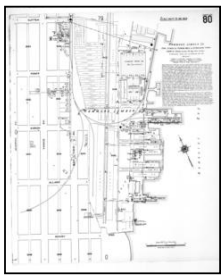
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1949 Source Sheets

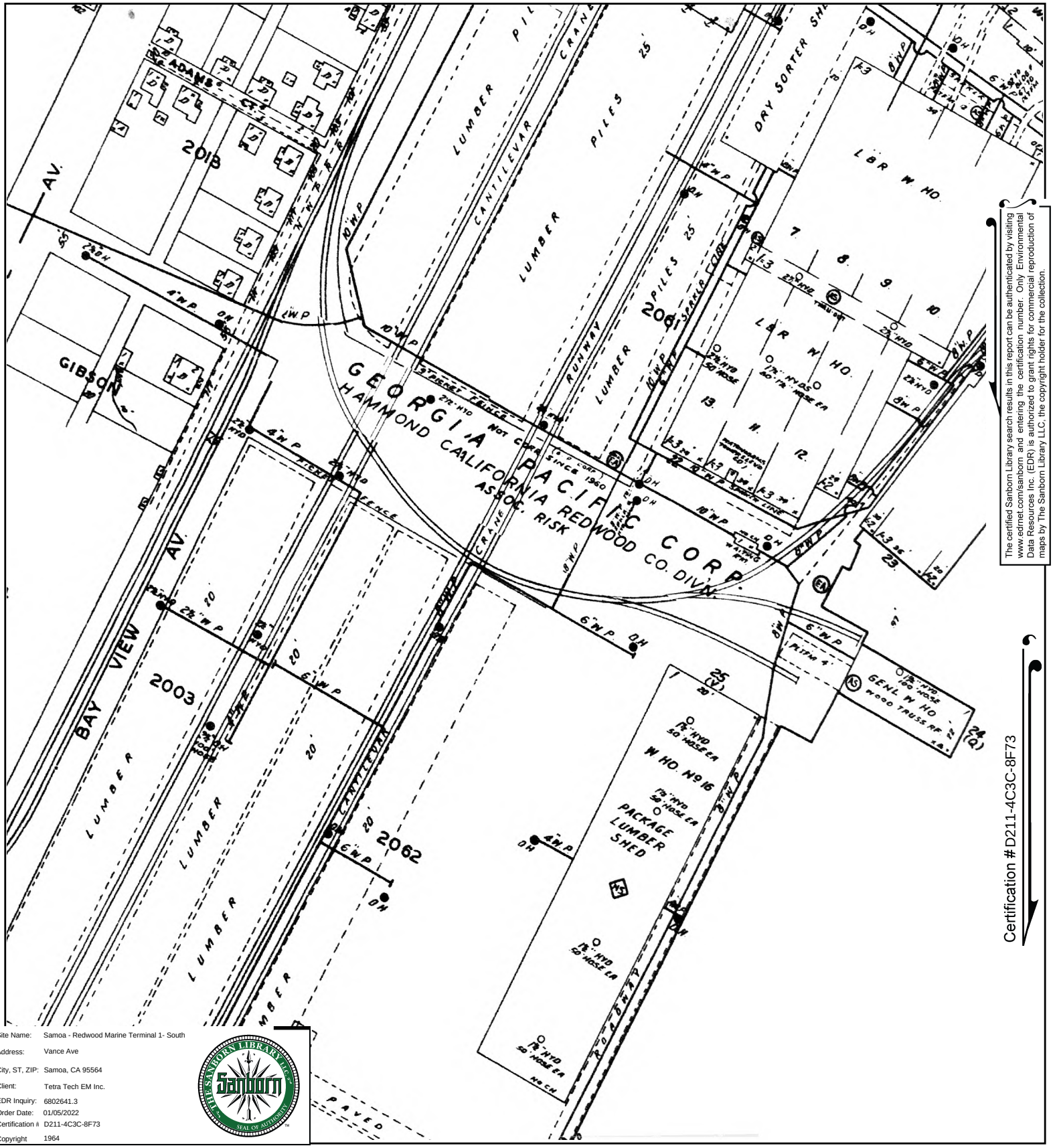


Volume 1, Sheet 80
1949

1920 Source Sheets



Volume 1, Sheet 80
1920



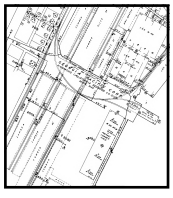
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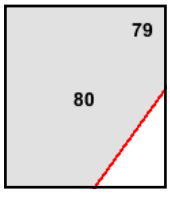
Certification #D211-4C3C-8F73

Site Name:	Samoa - Redwood Marine Terminal 1- South
Address:	Vance Ave
City, ST, ZIP:	Samoa, CA 95564
Client:	Tetra Tech EM Inc.
EDR Inquiry:	6802641.3
Order Date:	01/05/2022
Certification #:	D211-4C3C-8F73
Copyright	1964

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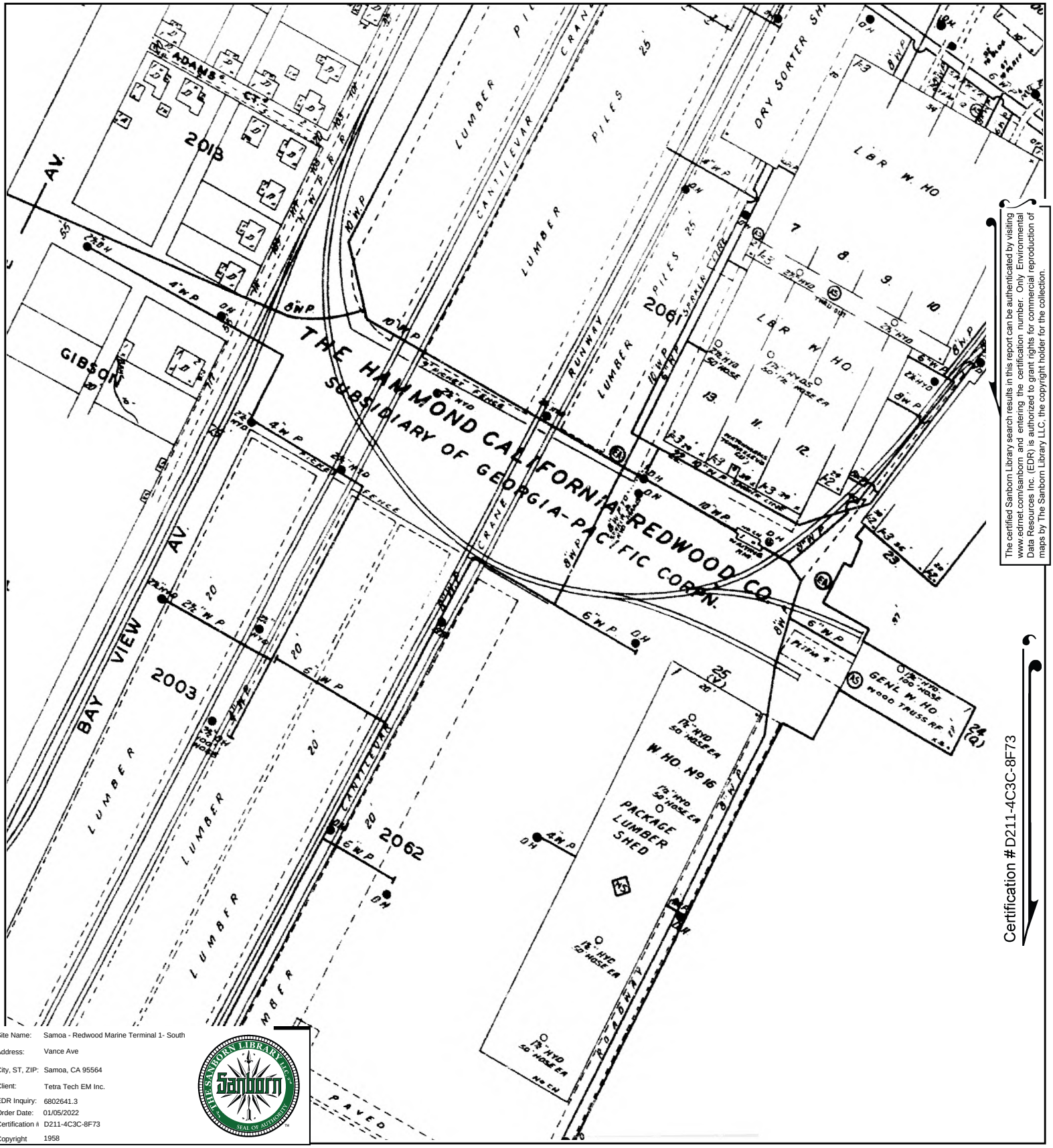
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Volume 1, Sheet 80

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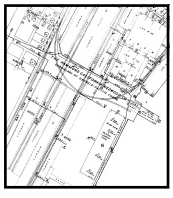


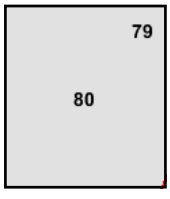
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Certification #D211-4C3C-8F73

Site Name:	Samoa - Redwood Marine Terminal 1- South
Address:	Vance Ave
City, ST, ZIP:	Samoa, CA 95564
Client:	Tetra Tech EM Inc.
EDR Inquiry:	6802641.3
Order Date:	01/05/2022
Certification #	D211-4C3C-8F73
Copyright	1958

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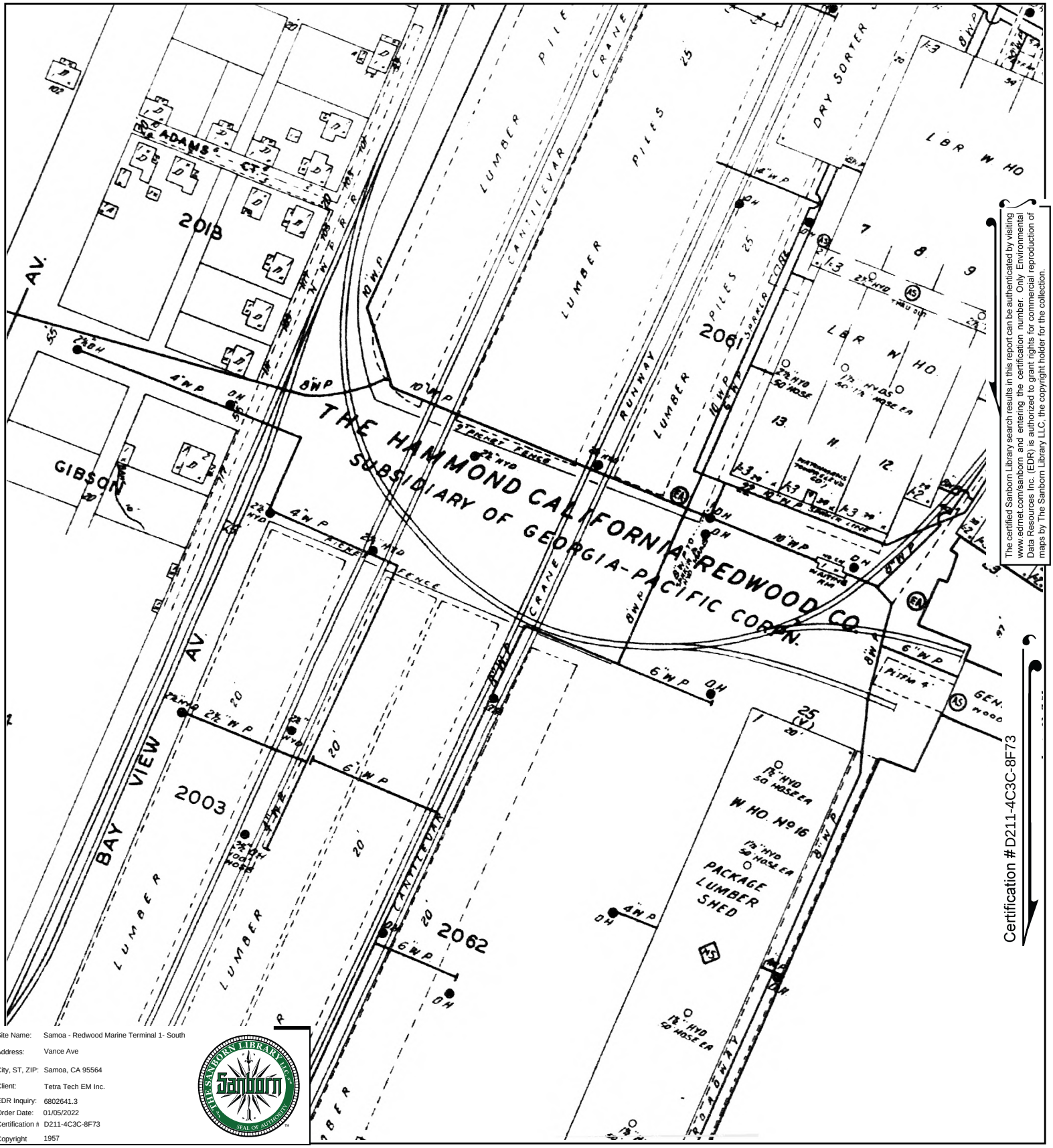




Volume 1, Sheet 80

0 Feet 150 300 600

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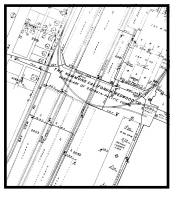


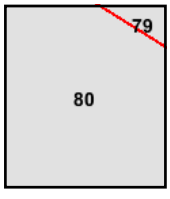
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Client:	Tetra Tech EM Inc.
EDR Inquiry:	6802641.3
Order Date:	01/05/2022
Certification #:	D211-4C3C-8F73
Copyright	1957

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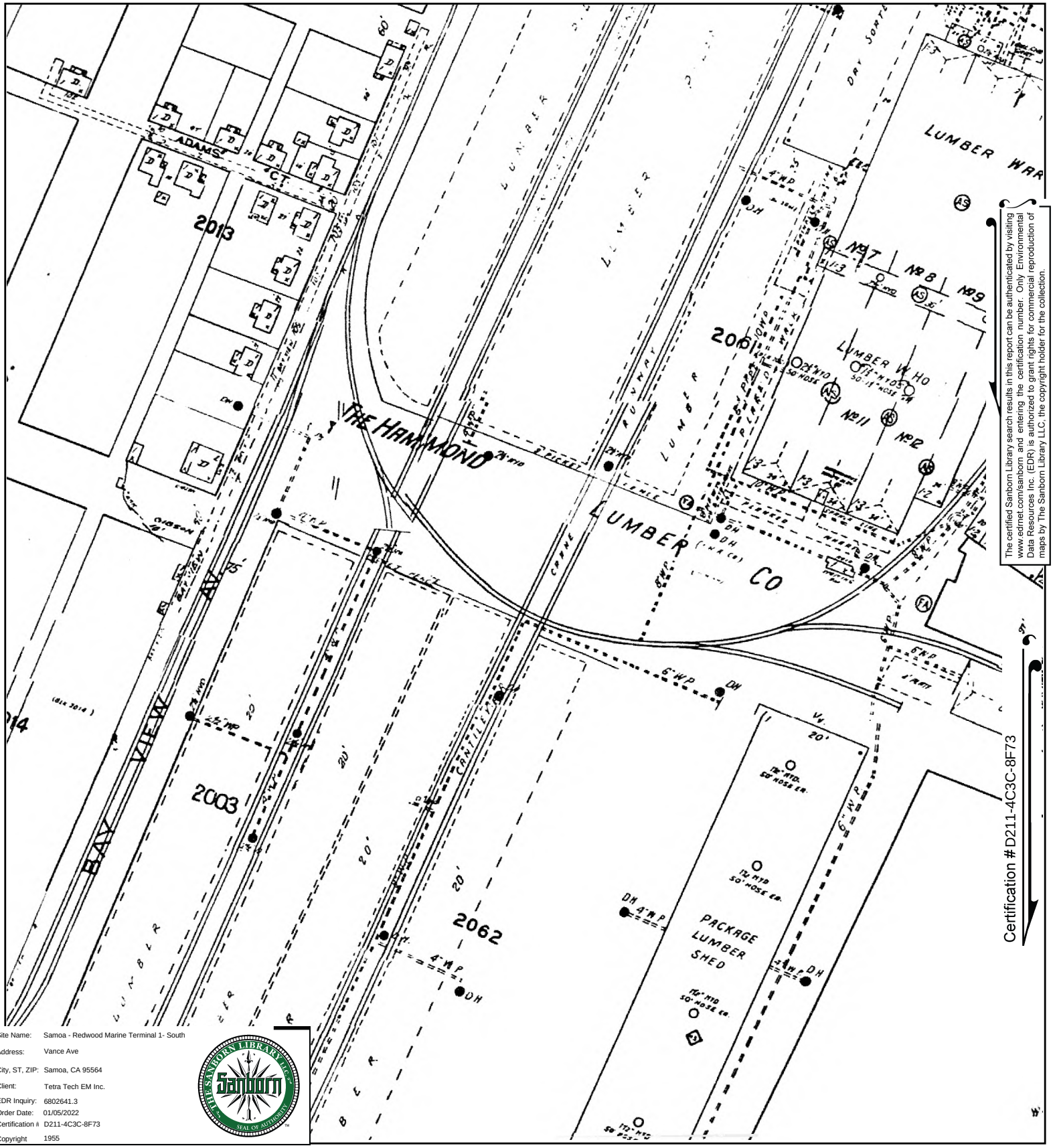
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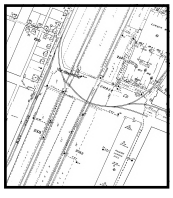
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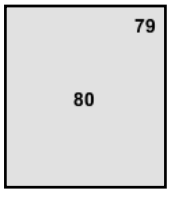


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Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802641.3
Order Date: 01/05/2022
Certification #: D211-4C3C-8F73
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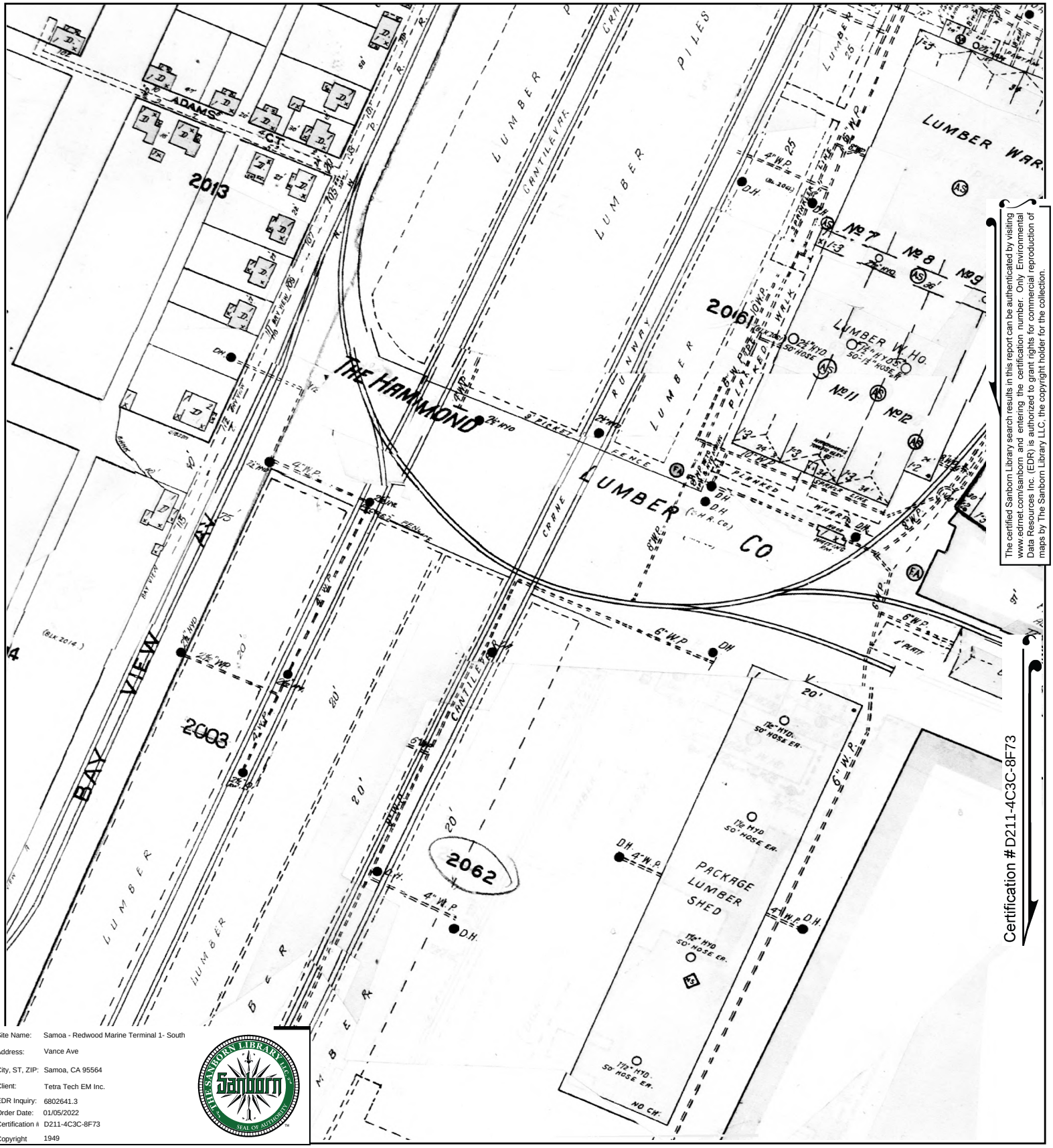




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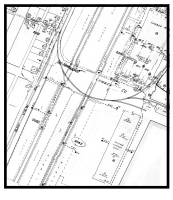
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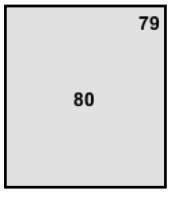
Certification #D211-4C3C-8F73

Site Name:	Samoa - Redwood Marine Terminal 1- South
Address:	Vance Ave
City, ST, ZIP:	Samoa, CA 95564
Client:	Tetra Tech EM Inc.
EDR Inquiry:	6802641.3
Order Date:	01/05/2022
Certification #:	D211-4C3C-8F73
Copyright	1949

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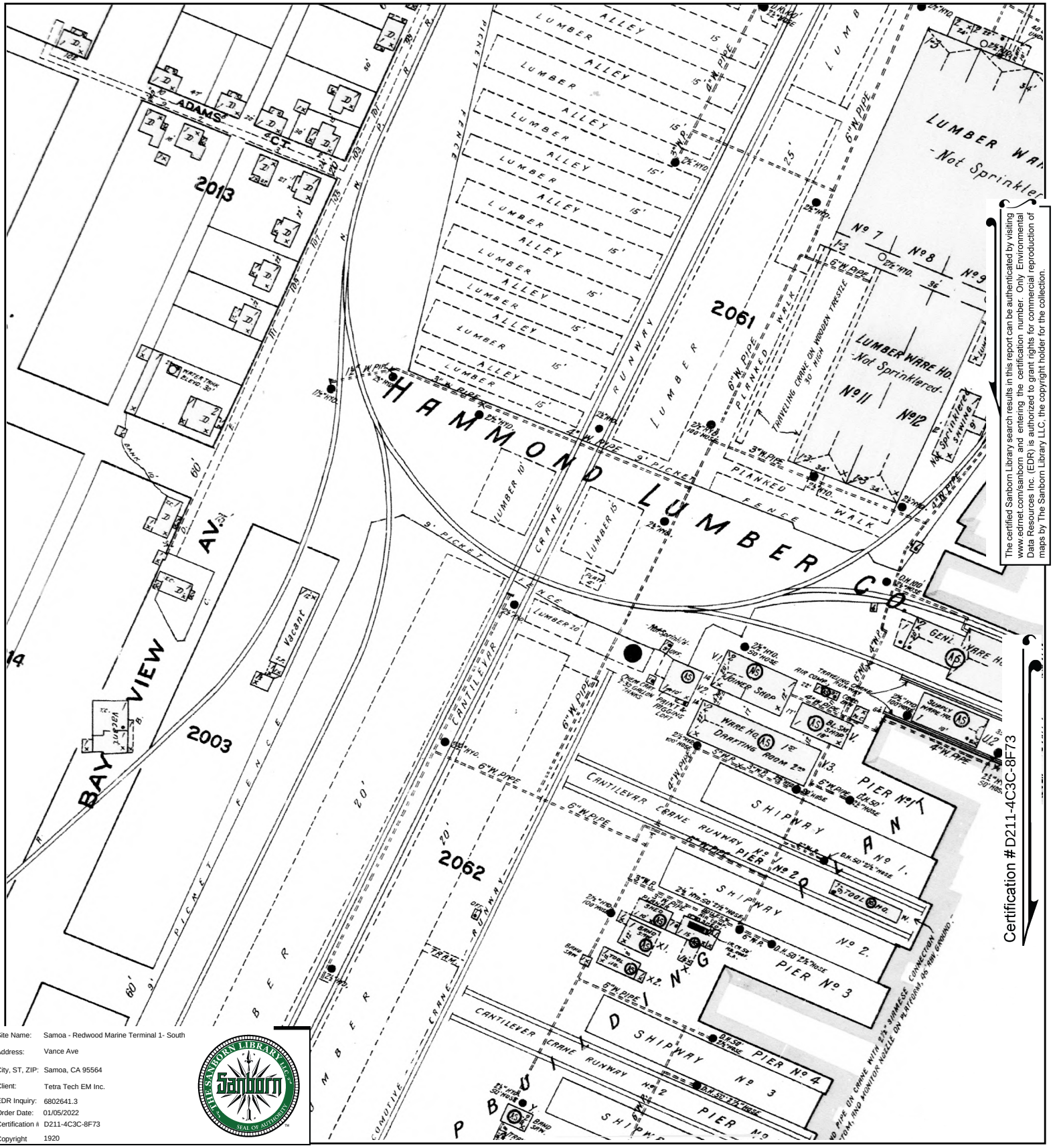
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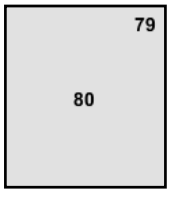
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Address:	Vance Ave
City, ST, ZIP:	Samoa, CA 95564
Client:	Tetra Tech EM Inc.
EDR Inquiry:	6802641.3
Order Date:	01/05/2022
Certification #:	D211-4C3C-8F73
Copyright	1920

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Volume 1, Sheet 80

N

Samoa - Redwood Marine Terminal 1- North
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802645.3
January 05, 2022

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/05/22

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802645.3

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

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Certified Sanborn Results:

Certification # A5F4-4A29-8EBA

PO # 103Z65210007AD

Project Samoa - Redwood - North

Maps Provided:

1964
1958
1957
1955
1949
1920

Sanborn® Library search results

Certification #: A5F4-4A29-8EBA

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- ☑ Library of Congress
- ☑ University Publications of America
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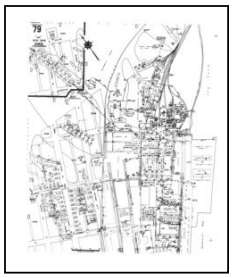
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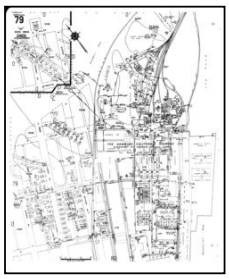
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1964 Source Sheets



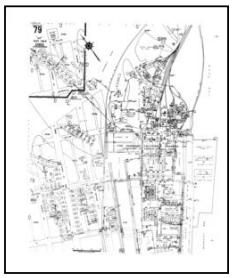
Volume 1, Sheet 79
1964

1958 Source Sheets



Volume 1, Sheet 79
1958

1957 Source Sheets



Volume 1, Sheet 79
1957

1955 Source Sheets



Volume 1, Sheet 79
1955

Sanborn Sheet Key

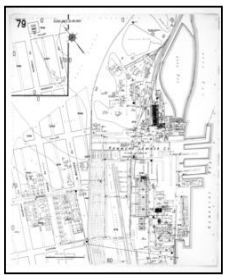
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1949 Source Sheets



Volume 1, Sheet 79
1949

1920 Source Sheets

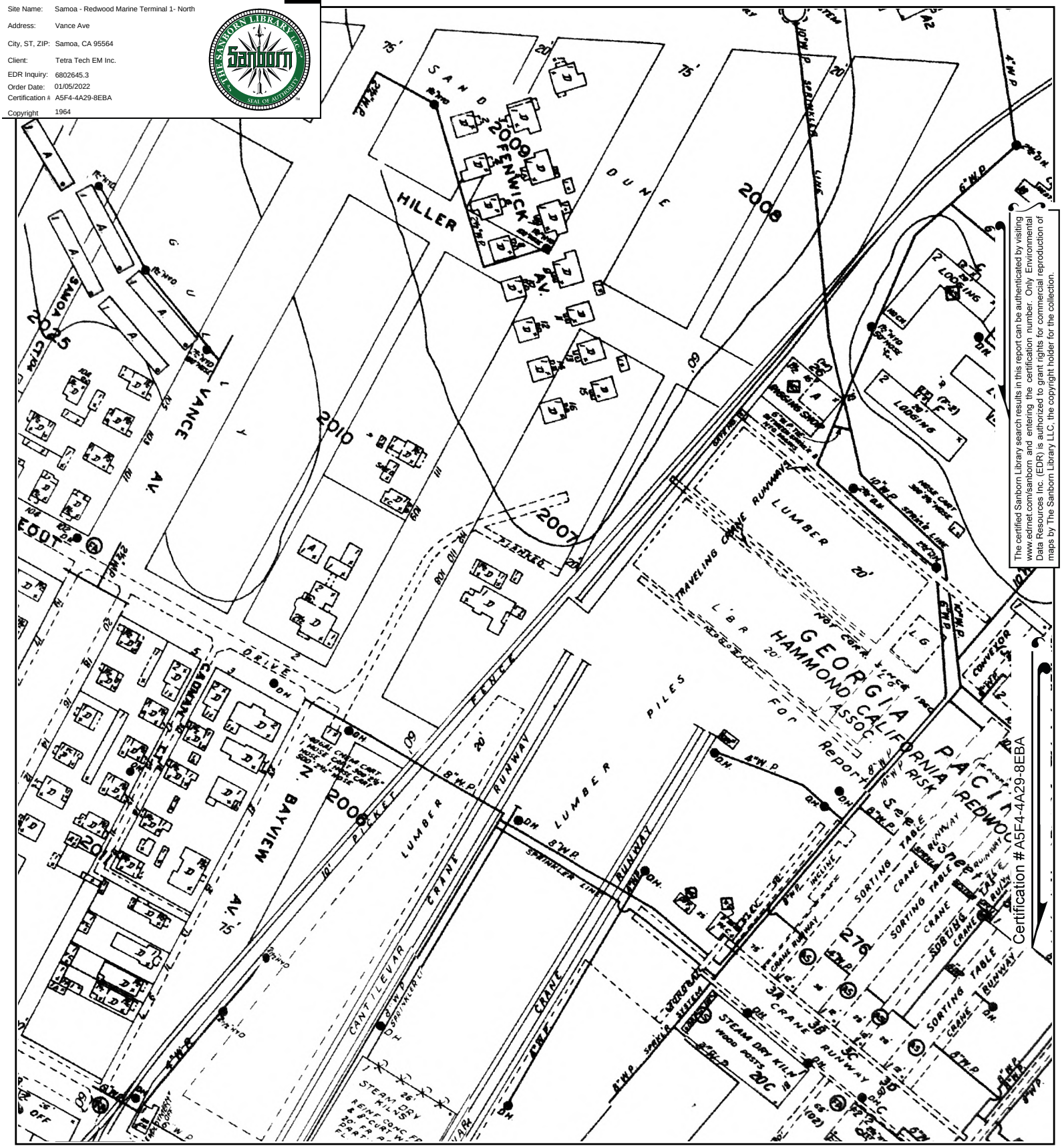


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1920

Certified Sanborn® Map

1964

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1964

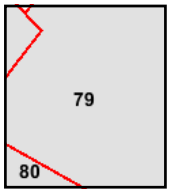


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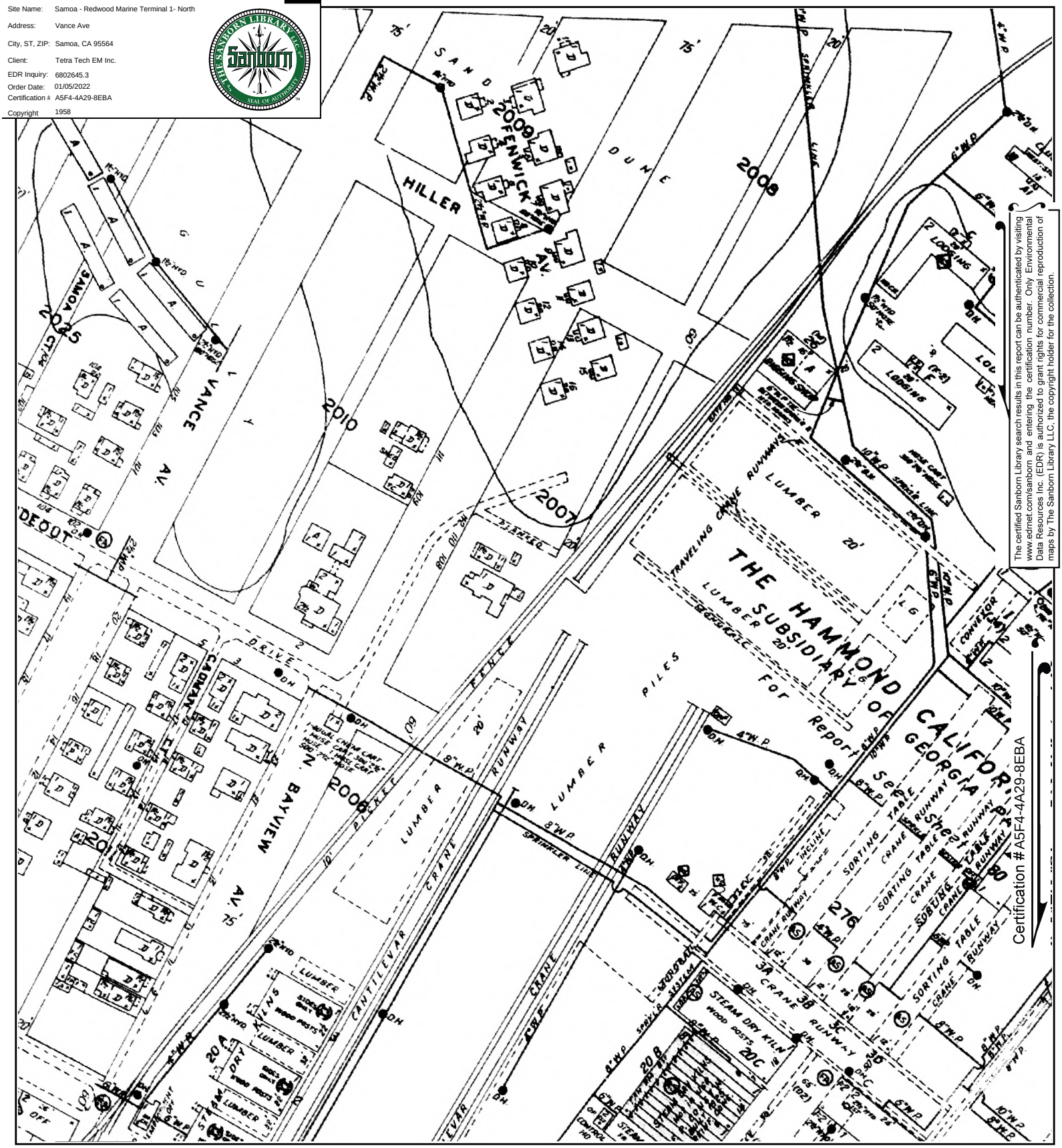
Volume 1, Sheet 79

N

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1958

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1958

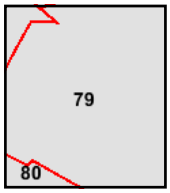


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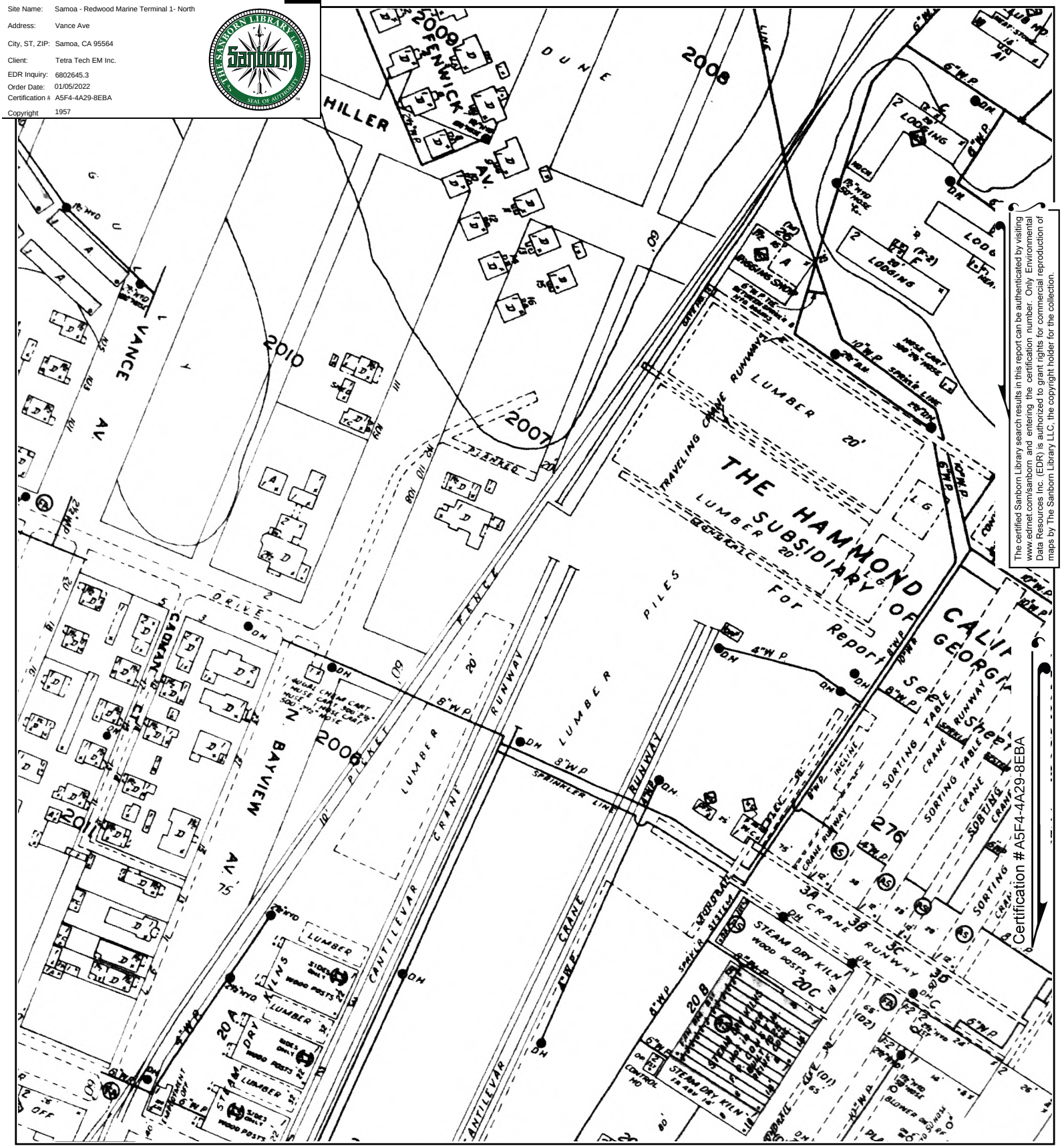
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1957

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Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1957



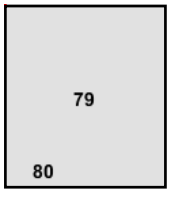
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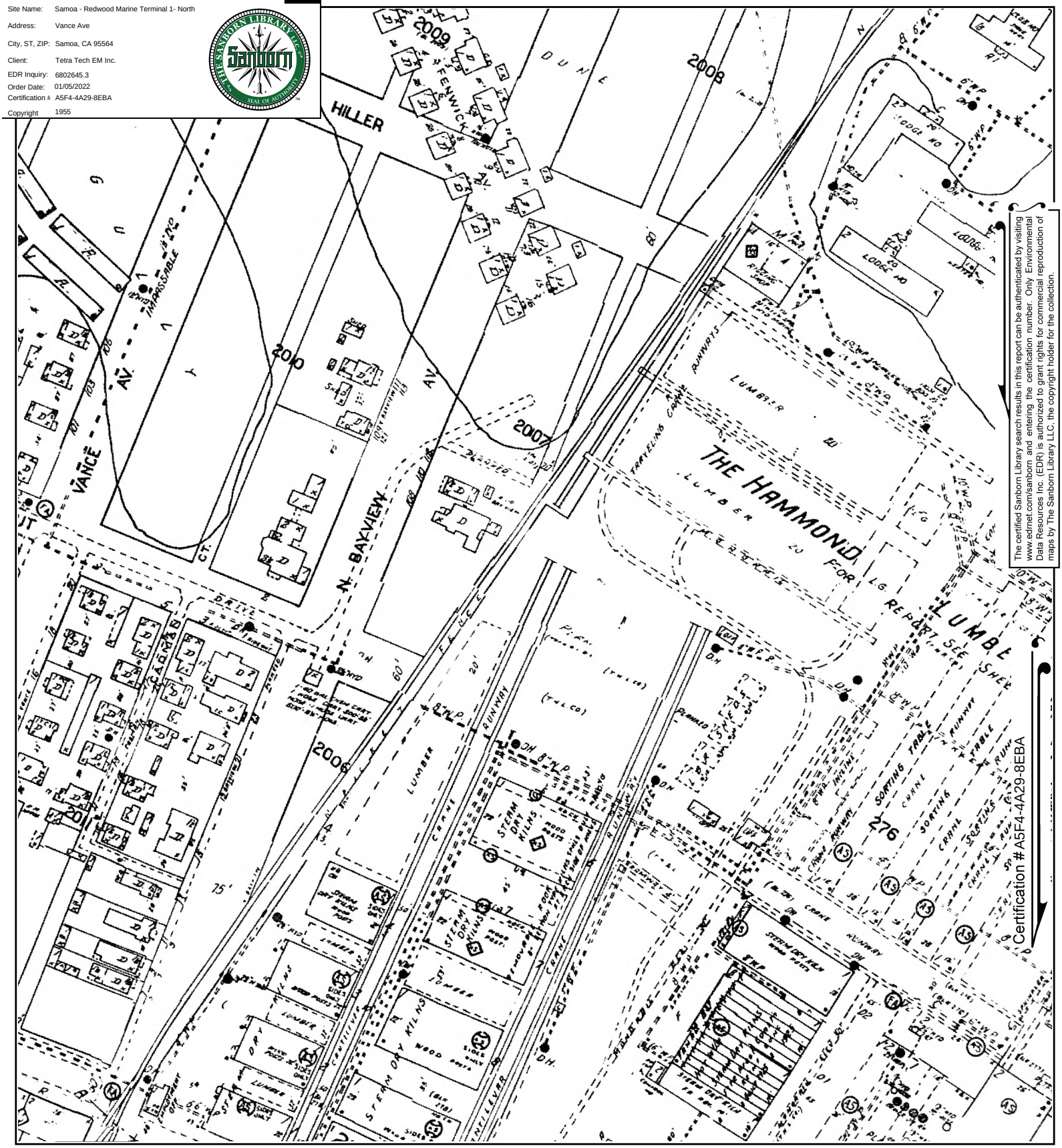
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1955

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Address: Vance Ave
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Client: Tetra Tech EM Inc.
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Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1955



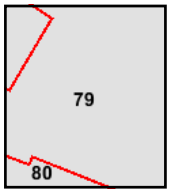
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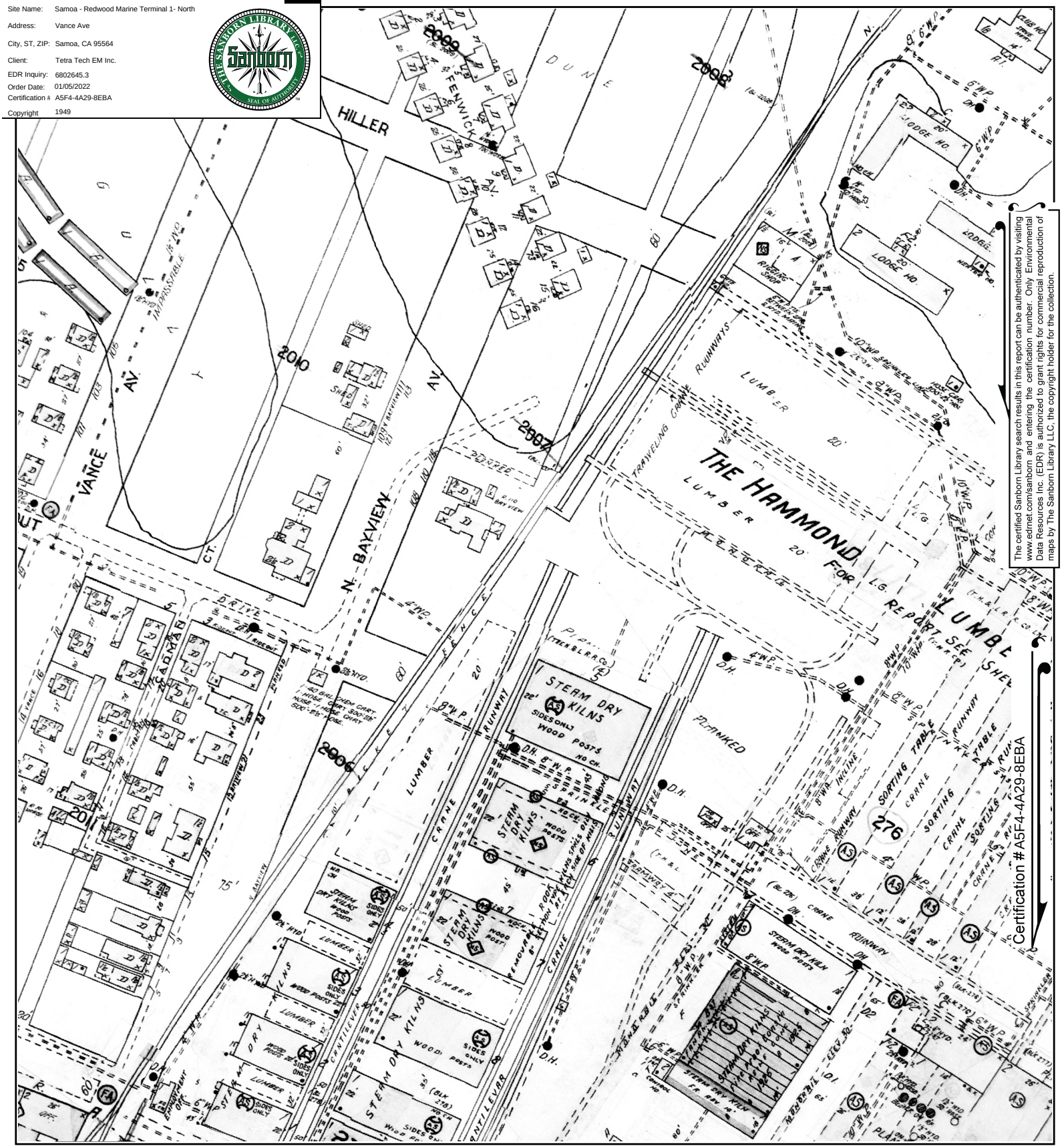
Volume 1, Sheet 79

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1949

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EDR Inquiry: 6802645.3
Order Date: 01/05/2022
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Copyright 1949

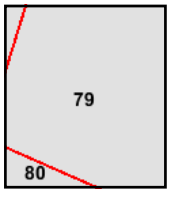


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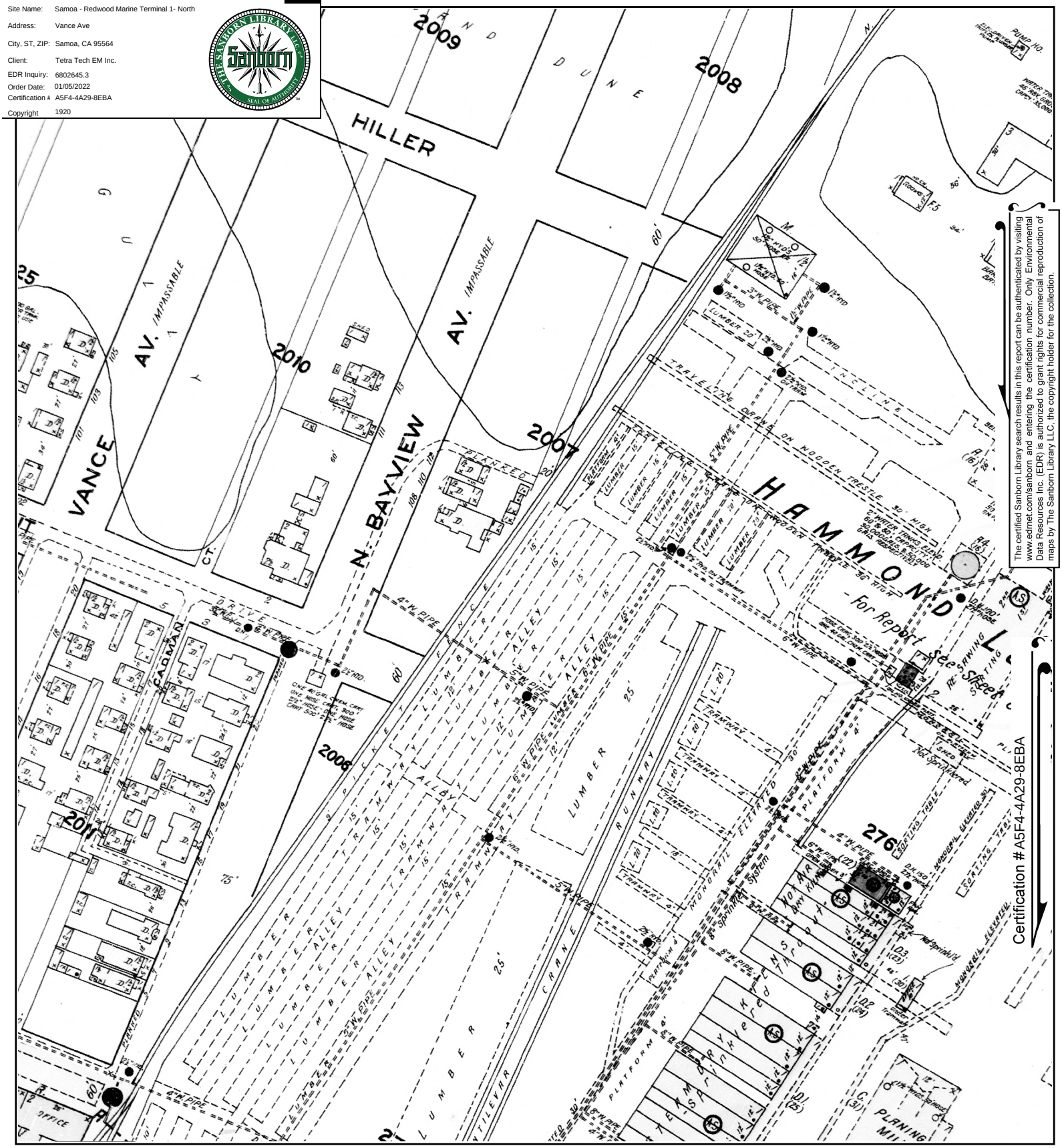
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1920

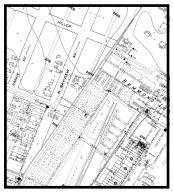
Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
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EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright 1920

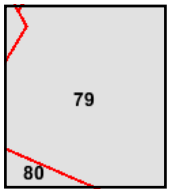


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Samoa - Redwood Marine Terminal 1- North
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802645.3
January 05, 2022

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Shelton, CT 06484
Toll Free: 800.352.0050
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01/05/22

Site Name:	Client Name:
Samoa - Redwood Marine Terr	Tetra Tech EM Inc.
Vance Ave	1999 Harrison Street
Samoa, CA 95564	Oakland, CA 94612-0000
EDR Inquiry # 6802645.3	Contact: Savannah Russell

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PO # 103Z65210007AD

Project Samoa - Redwood - North

Maps Provided:

1964
1957
1955
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1920

Sanborn® Library search results

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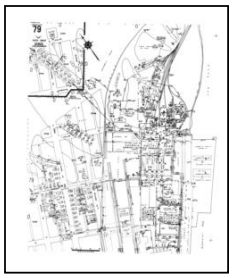
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Sanborn Sheet Key

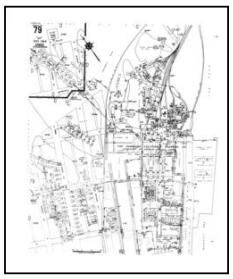
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1964 Source Sheets



Volume 1, Sheet 79
1964

1957 Source Sheets



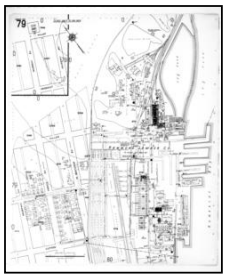
Volume 1, Sheet 79
1957

1949 Source Sheets

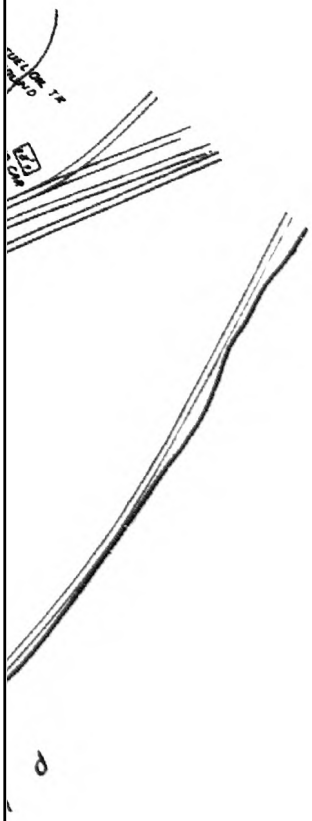


Volume 1, Sheet 79
1949

1920 Source Sheets



Volume 1, Sheet 79
1920



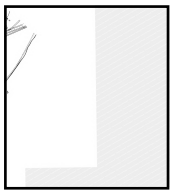
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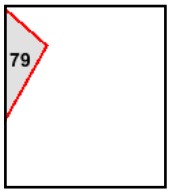
Certification #A5F4-4A29-8EBA

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
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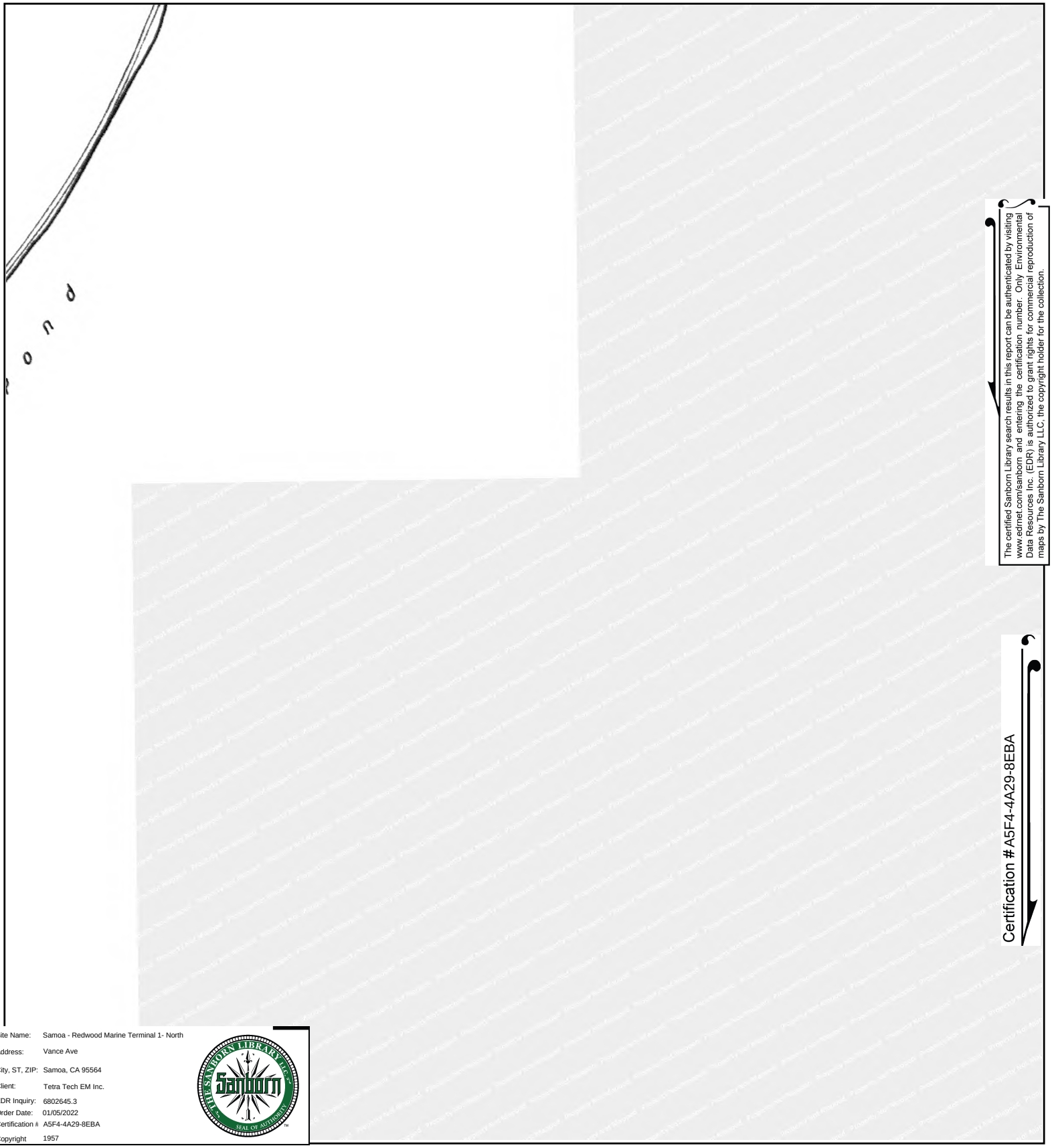




Volume 1, Sheet 79

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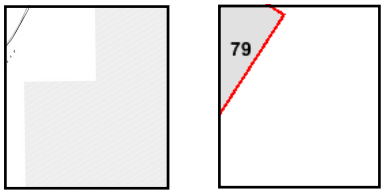


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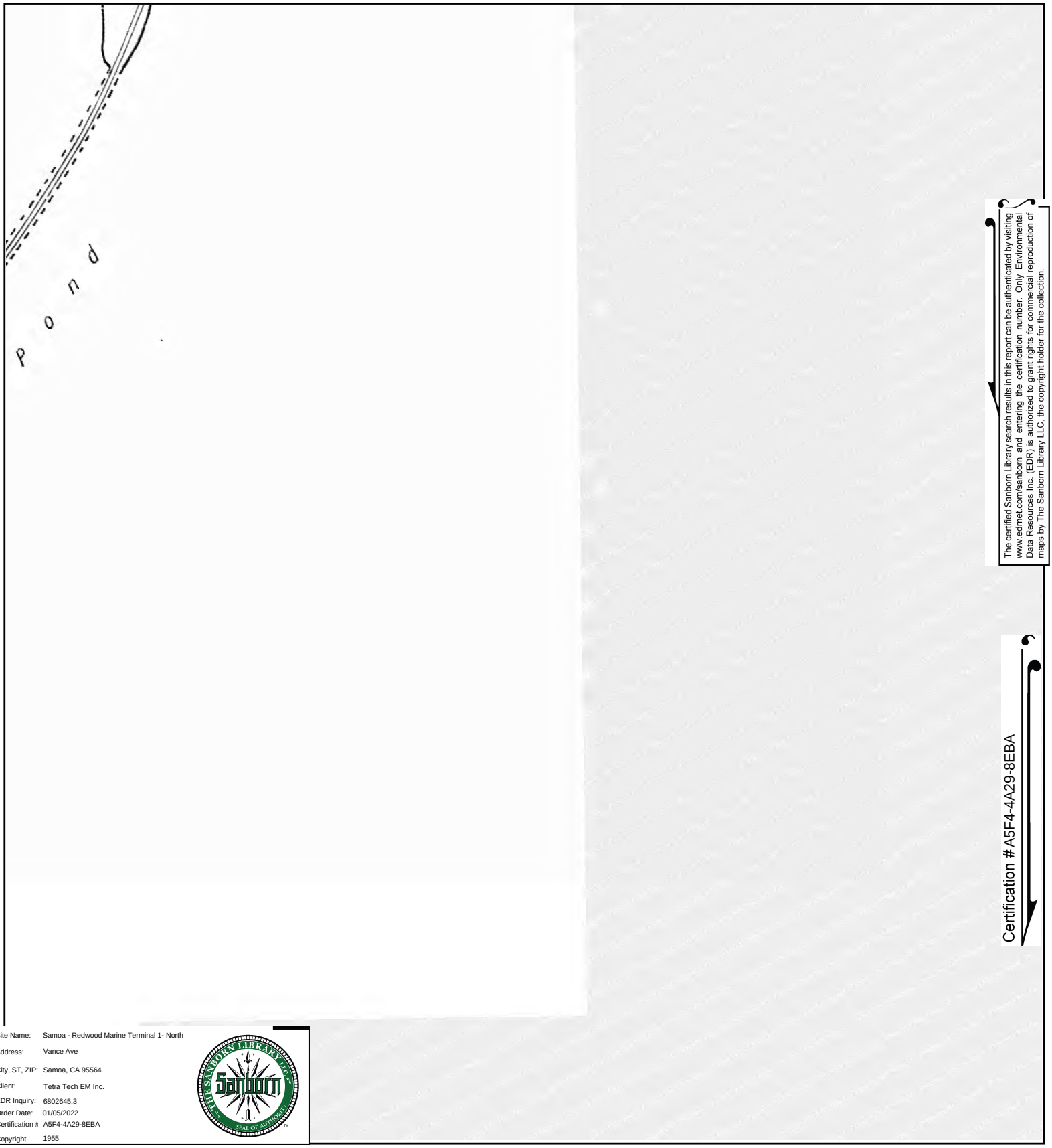
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Volume 1, Sheet 79

0 Feet 150 300 600

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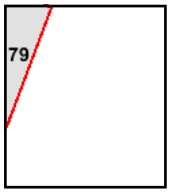
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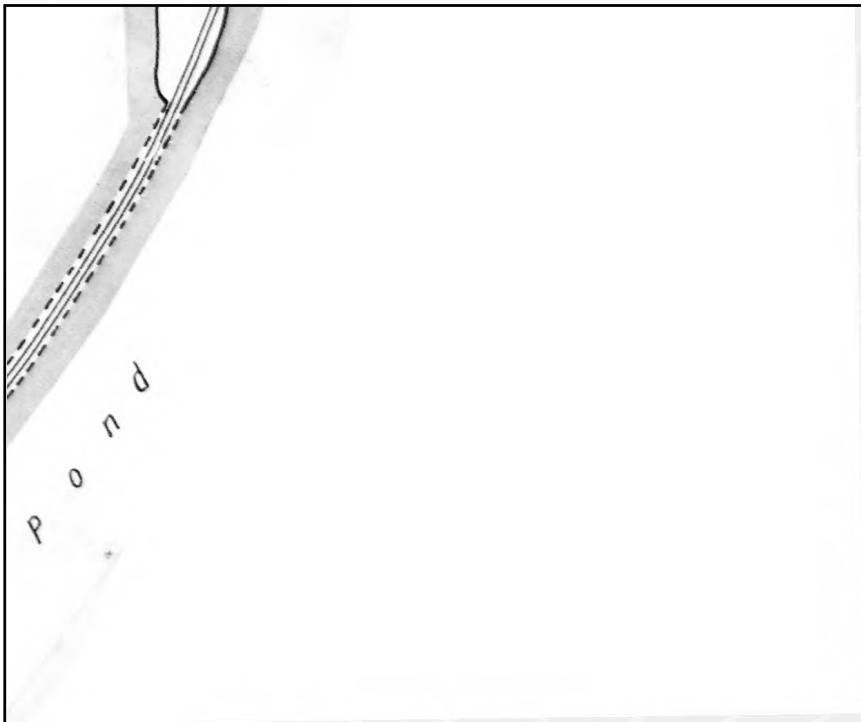
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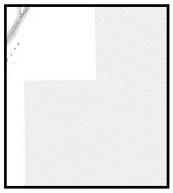


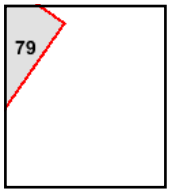
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Copyright: 1949

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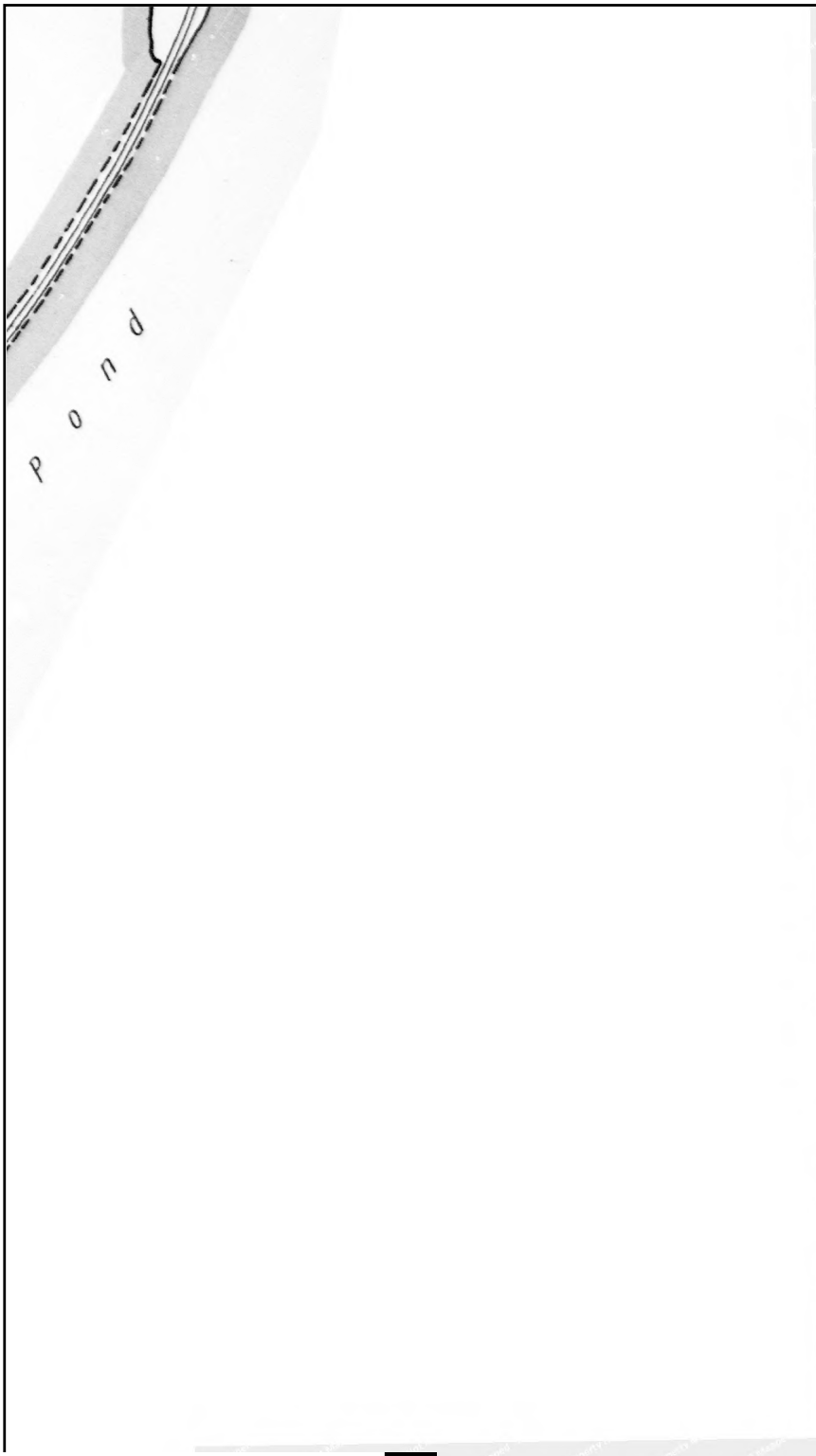




Volume 1, Sheet 79

0 Feet 150 300 600

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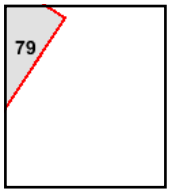
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Address:	Vance Ave
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Client:	Tetra Tech EM Inc.
EDR Inquiry:	6802645.3
Order Date:	01/05/2022
Certification #	A5F4-4A29-8EBA
Copyright	1920

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Volume 1, Sheet 79

0 Feet 150 300 600

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Samoa - Redwood Marine Terminal 1- South
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802641.3
January 05, 2022

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Certified Sanborn® Map Report

01/05/22

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802641.3

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

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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 # D211-4C3C-8F73

PO # 103Z65210007AD

Project Samoa - Redwood - South

Maps Provided:

1964
1958
1957
1955
1949
1920

Sanborn® Library search results

Certification #: D211-4C3C-8F73

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- ☑ Library of Congress
- ☑ University Publications of America
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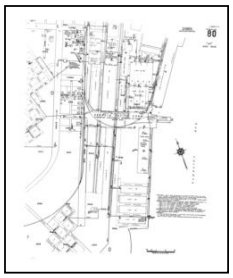
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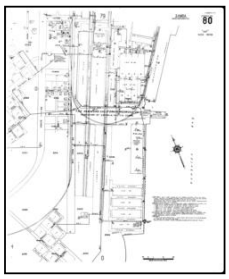
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1964 Source Sheets



Volume 1, Sheet 80
1964

1958 Source Sheets



Volume 1, Sheet 80
1958

1957 Source Sheets



Volume 1, Sheet 80
1957

1955 Source Sheets

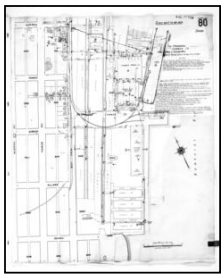


Volume 1, Sheet 80
1955

Sanborn Sheet Key

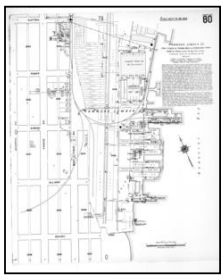
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1949 Source Sheets

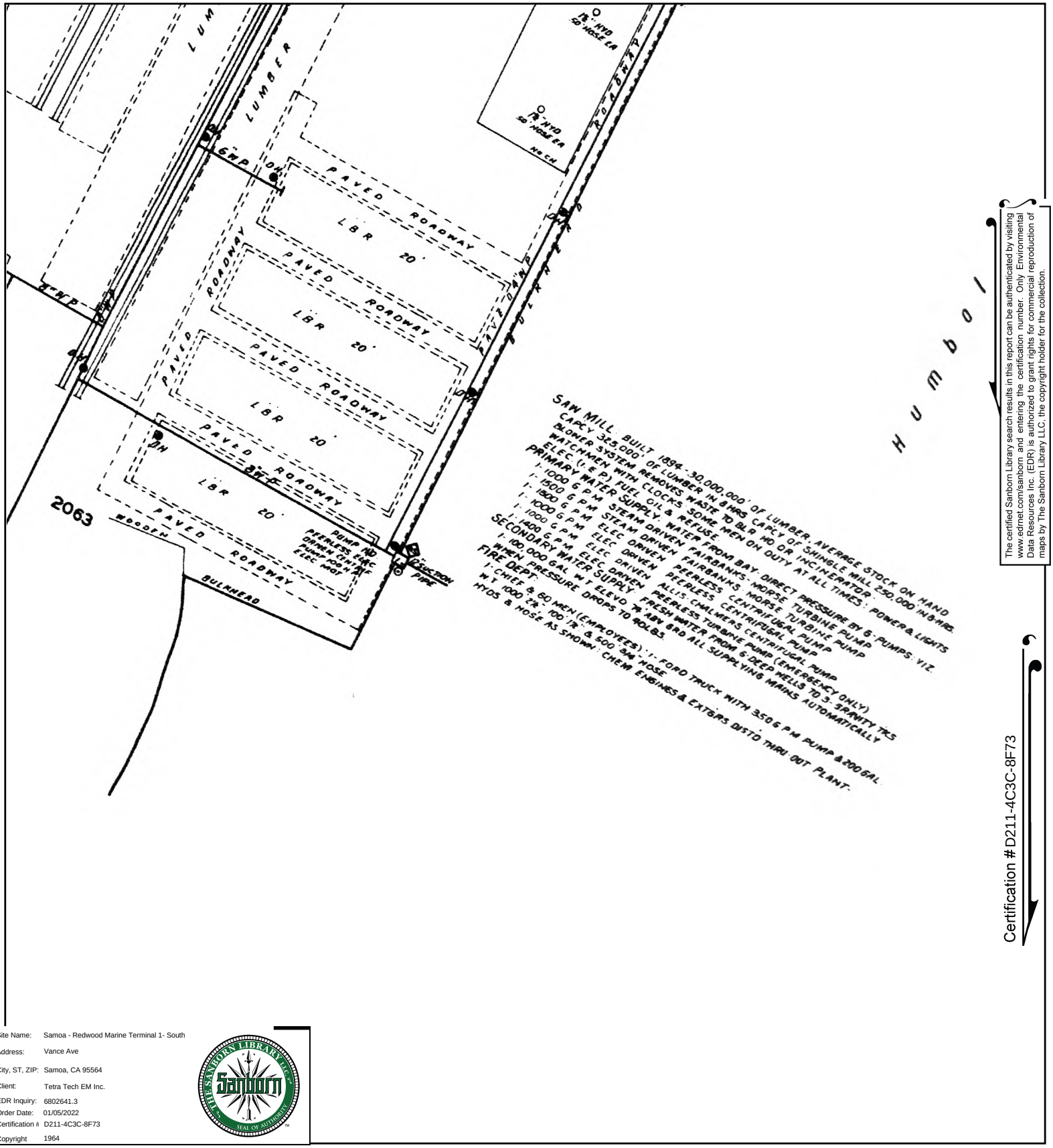


Volume 1, Sheet 80
1949

1920 Source Sheets



Volume 1, Sheet 80
1920

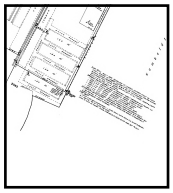


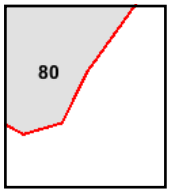
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City, ST, ZIP: Samoa, CA 95564
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EDR Inquiry: 6802641.3
Order Date: 01/05/2022
Certification #: D211-4C3C-8F73
Copyright: 1964

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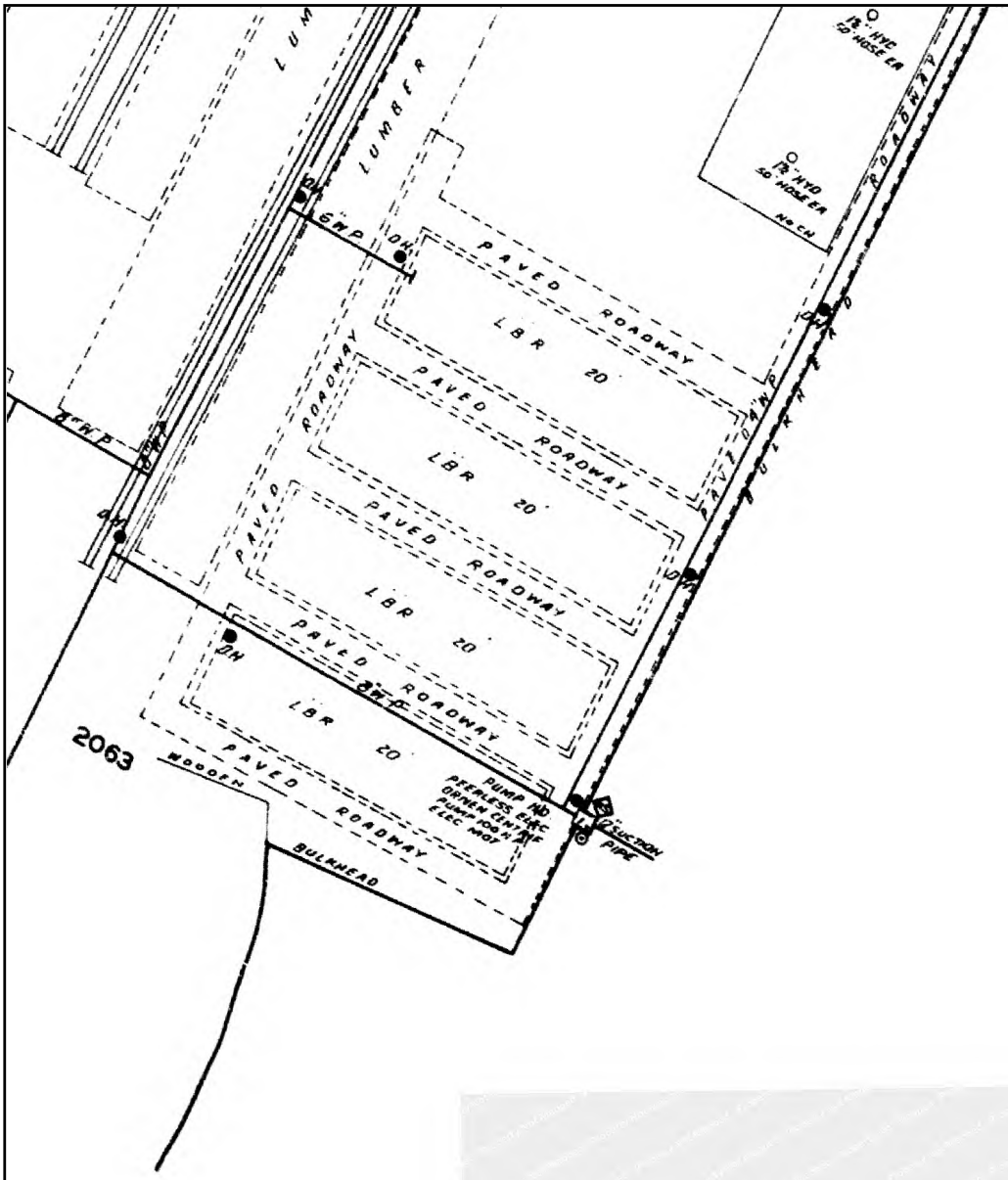




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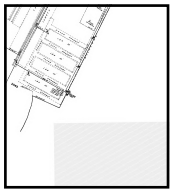


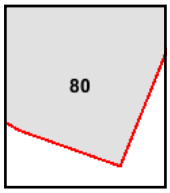
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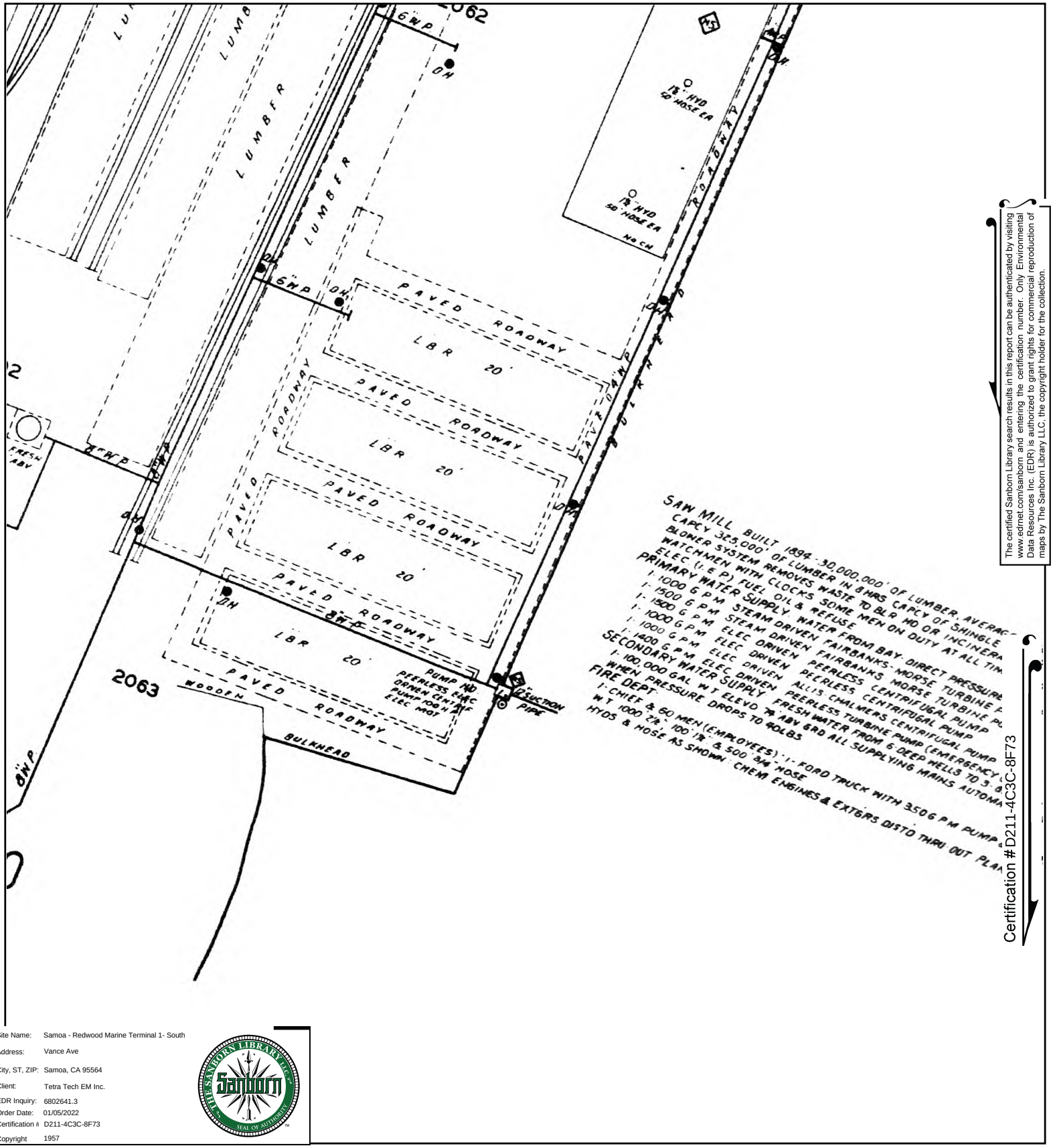




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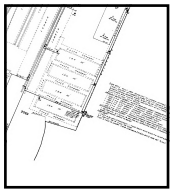
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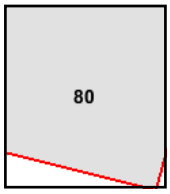
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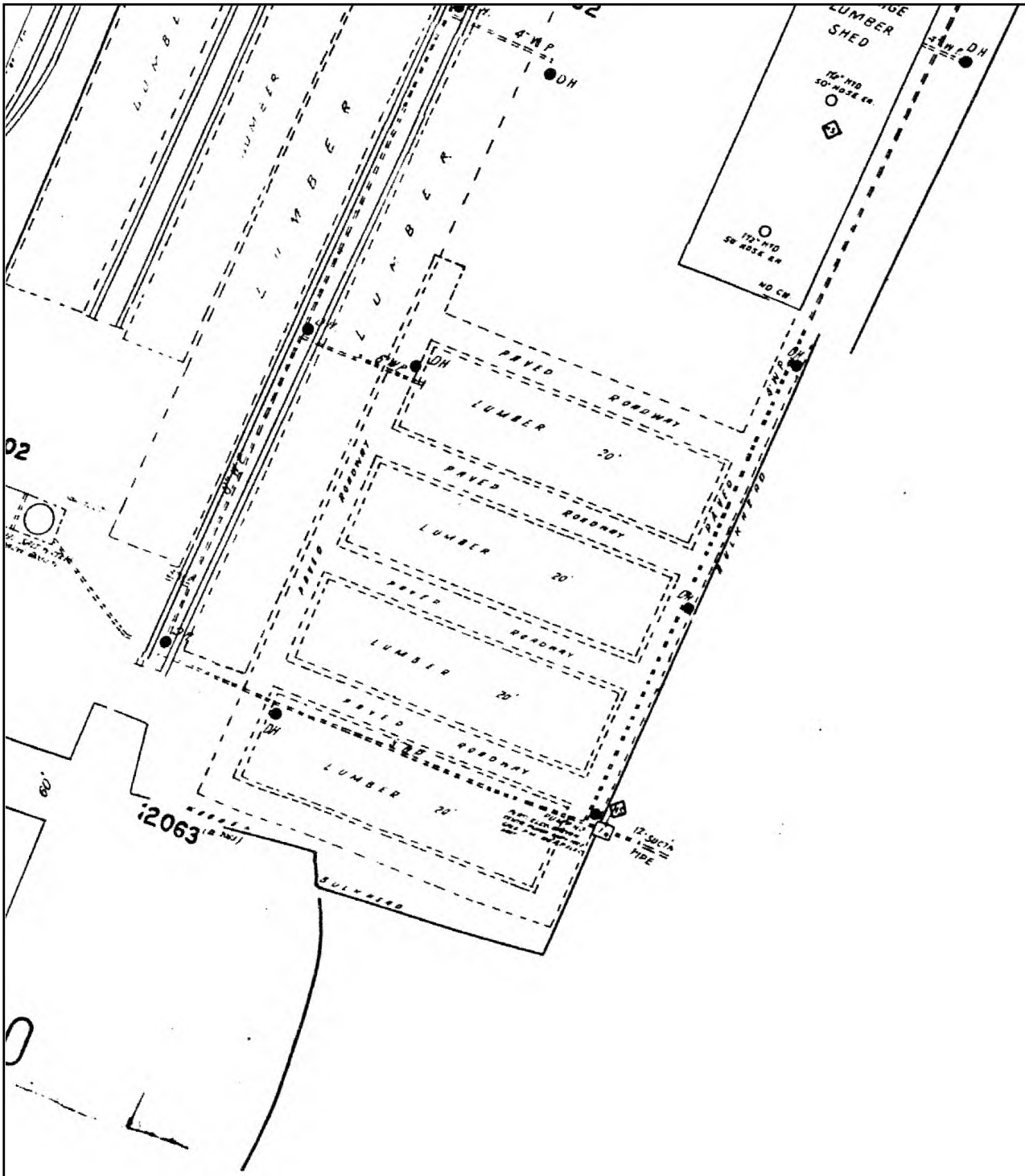
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Volume 1, Sheet 80





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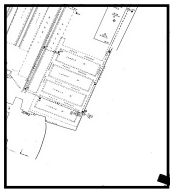
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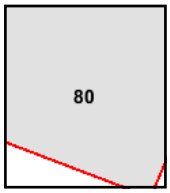
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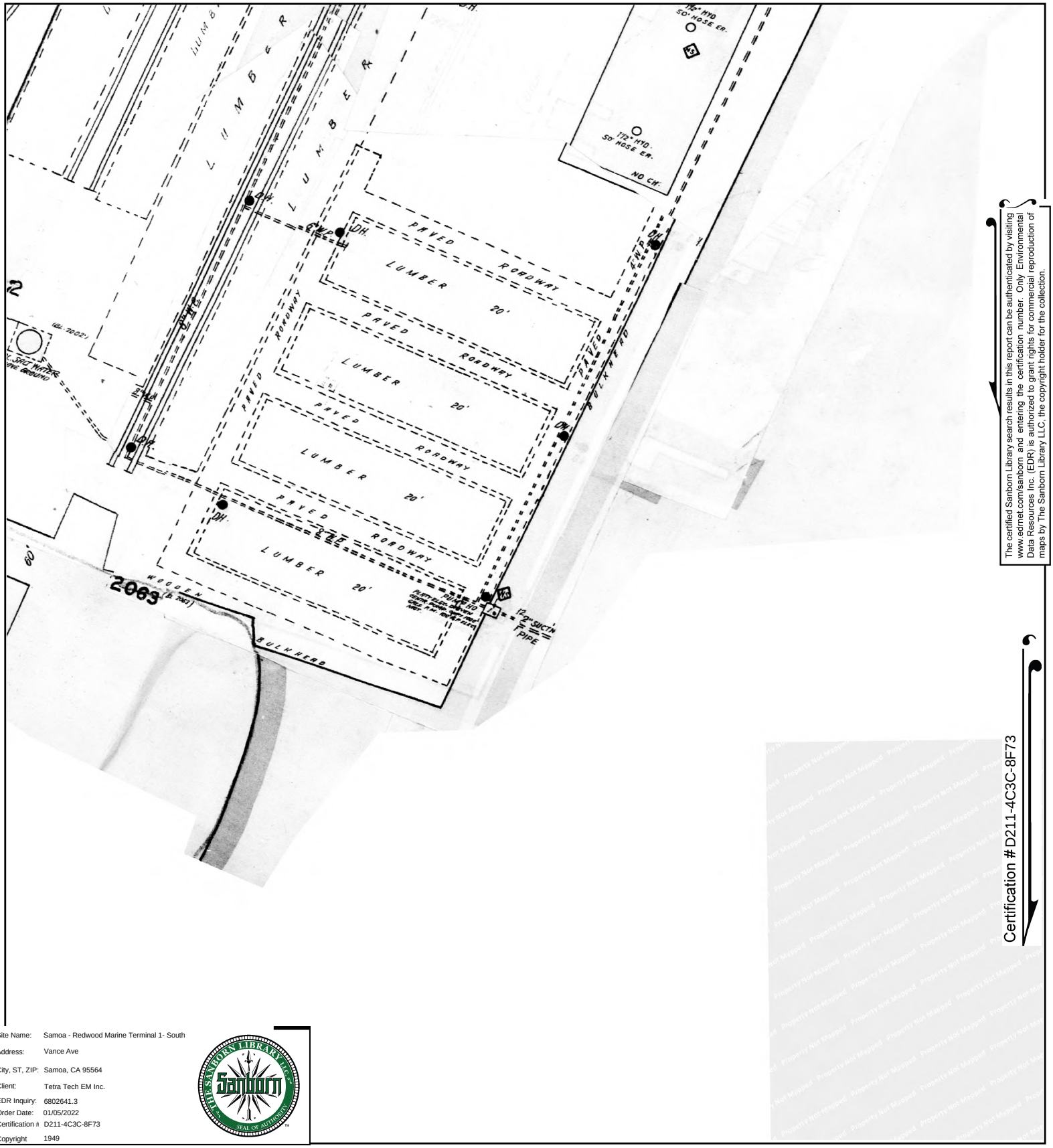
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Volume 1, Sheet 80

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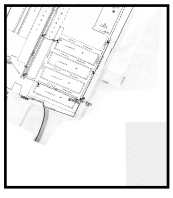


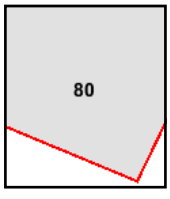
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Certification #: D211-4C3C-8F73
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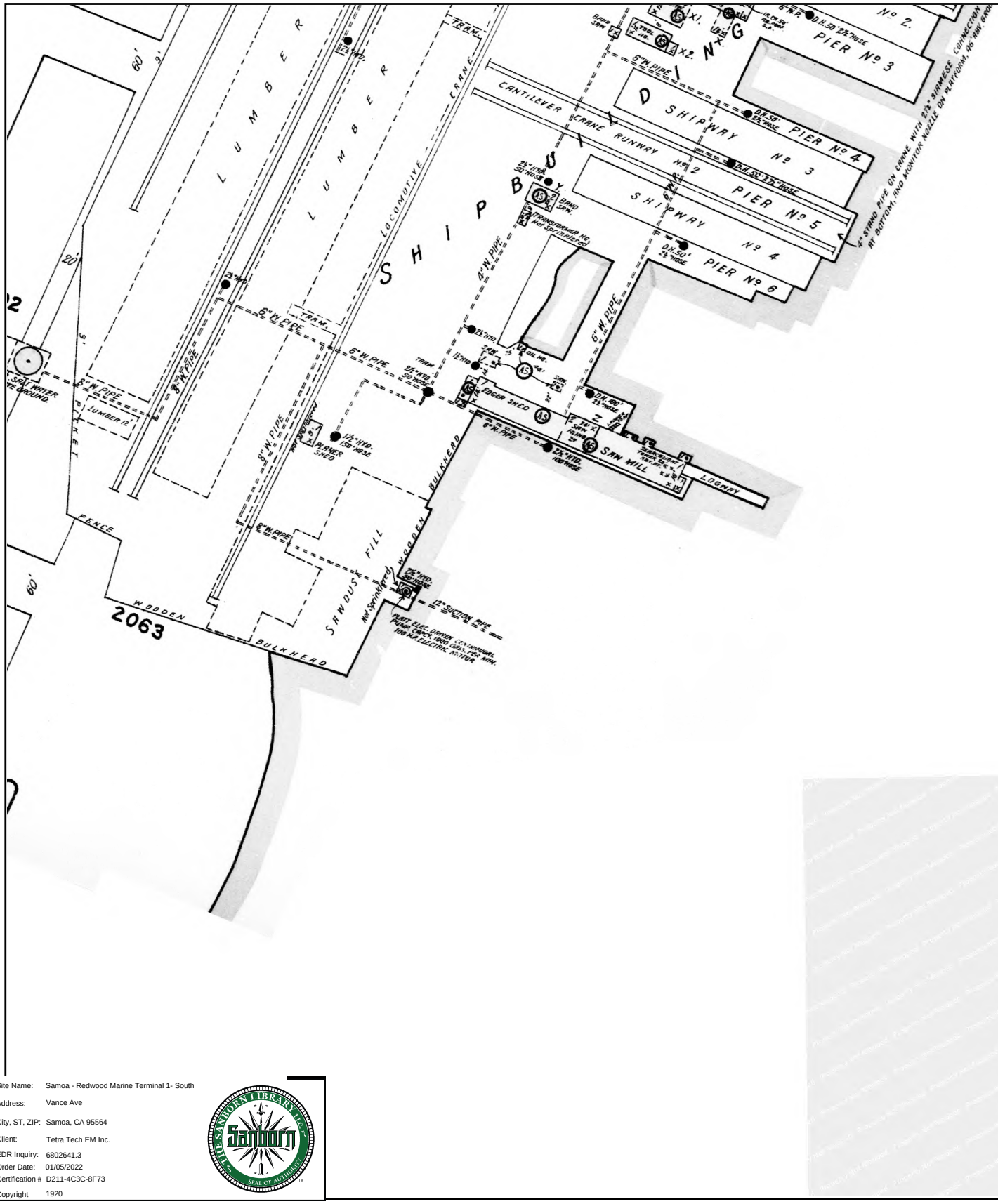




Volume 1, Sheet 80

0 Feet 150 300 600

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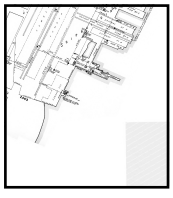


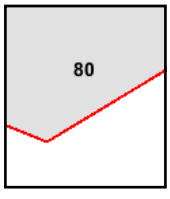
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Certification #D211-4C3C-8F73

Site Name: Samoa - Redwood Marine Terminal 1- South
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802641.3
Order Date: 01/05/2022
Certification #: D211-4C3C-8F73
Copyright: 1920

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Samoa - Redwood Marine Terminal 1- North
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802645.3
January 05, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/05/22

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802645.3

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

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Certified Sanborn Results:

Certification # A5F4-4A29-8EBA

PO # 103Z65210007AD

Project Samoa - Redwood - North

Maps Provided:

1964
1958
1957
1955
1949
1920

Sanborn® Library search results

Certification #: A5F4-4A29-8EBA

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- ☑ University Publications of America
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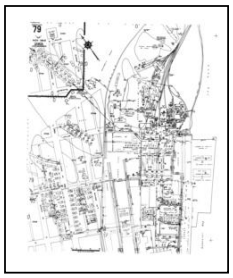
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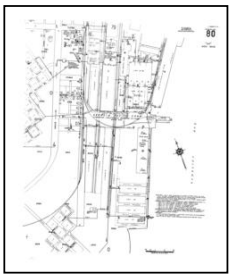
Sanborn Sheet Key

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1964 Source Sheets

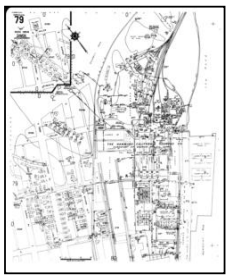


Volume 1, Sheet 79
1964

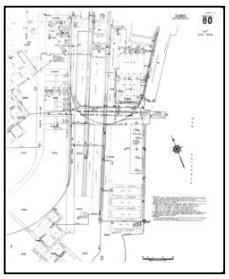


Volume 1, Sheet 80
1964

1958 Source Sheets

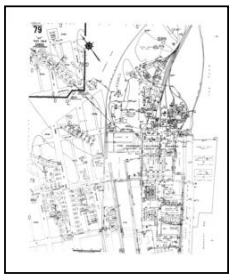


Volume 1, Sheet 79
1958



Volume 1, Sheet 80
1958

1957 Source Sheets



Volume 1, Sheet 79
1957



Volume 1, Sheet 80
1957

1955 Source Sheets



Volume 1, Sheet 79
1955

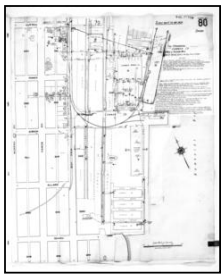


Volume 1, Sheet 80
1955

Sanborn Sheet Key

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1949 Source Sheets

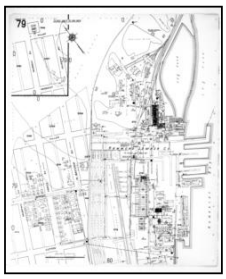


Volume 1, Sheet 80
1949

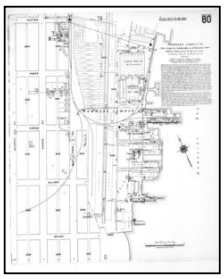


Volume 1, Sheet 79
1949

1920 Source Sheets



Volume 1, Sheet 79
1920

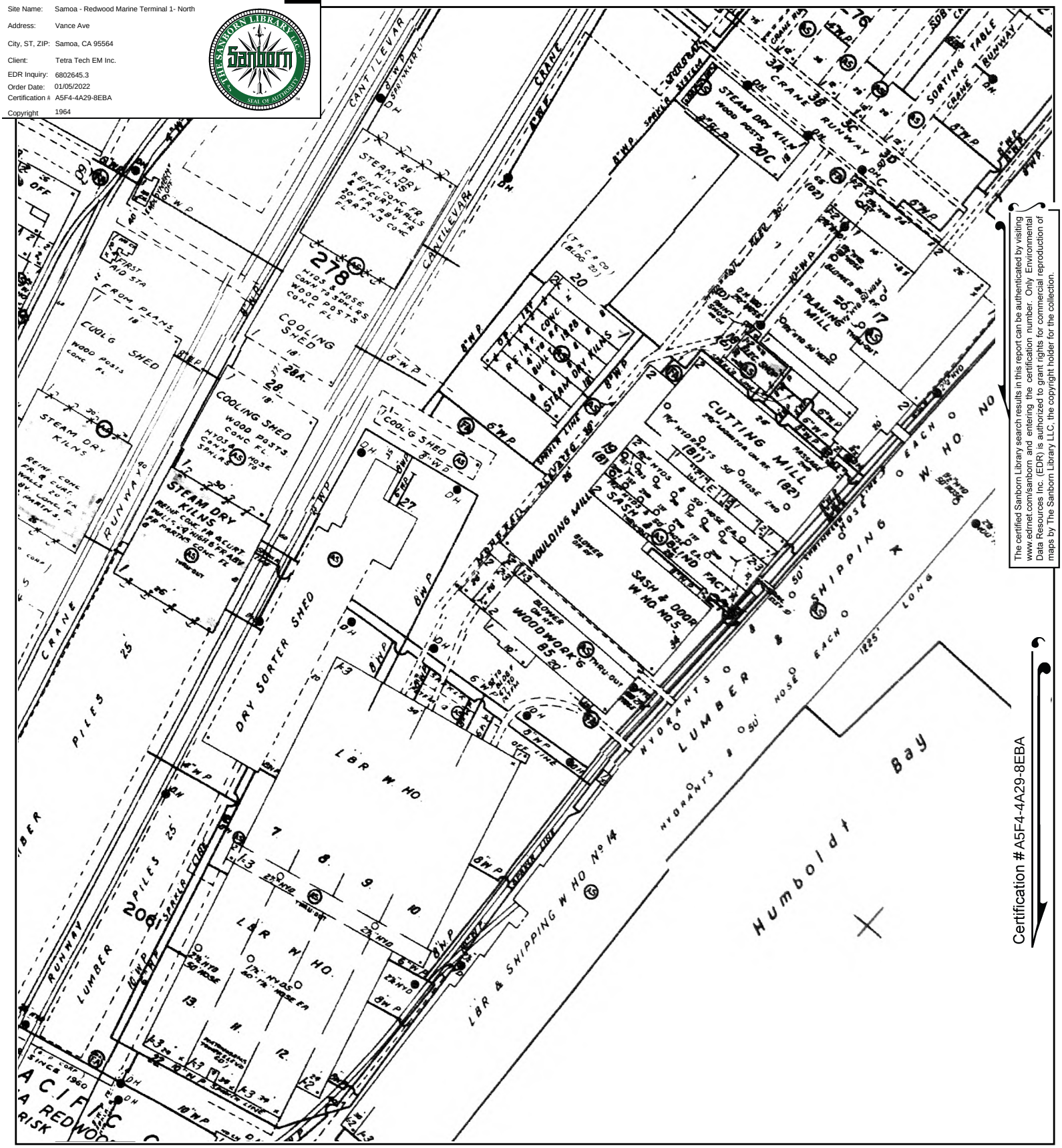


Volume 1, Sheet 80
1920

Certified Sanborn® Map

1964

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright 1964



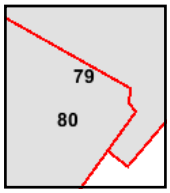
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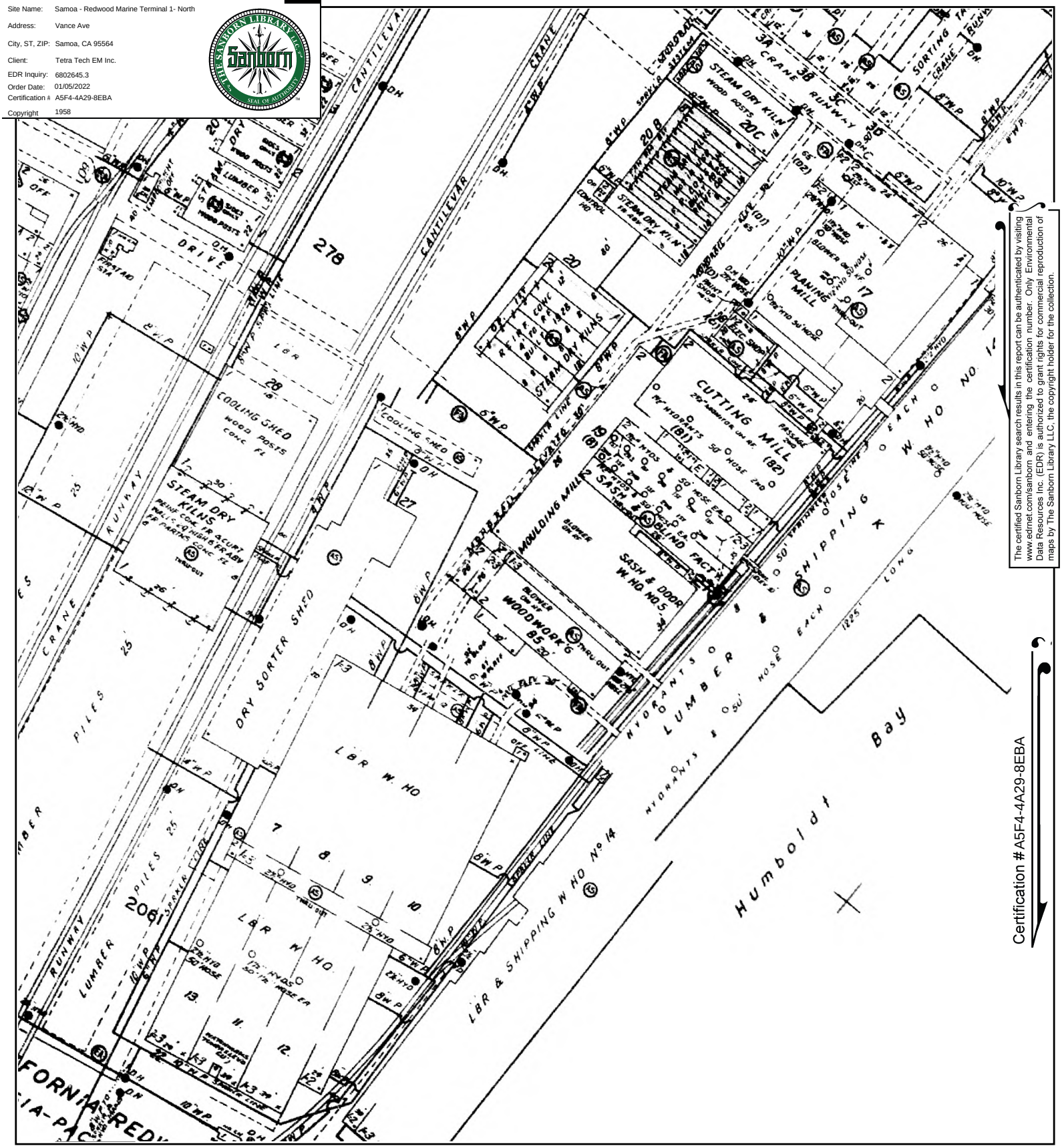
Volume 1, Sheet 80
Volume 1, Sheet 79

N

Certified Sanborn® Map

1958

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Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright 1958



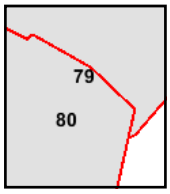
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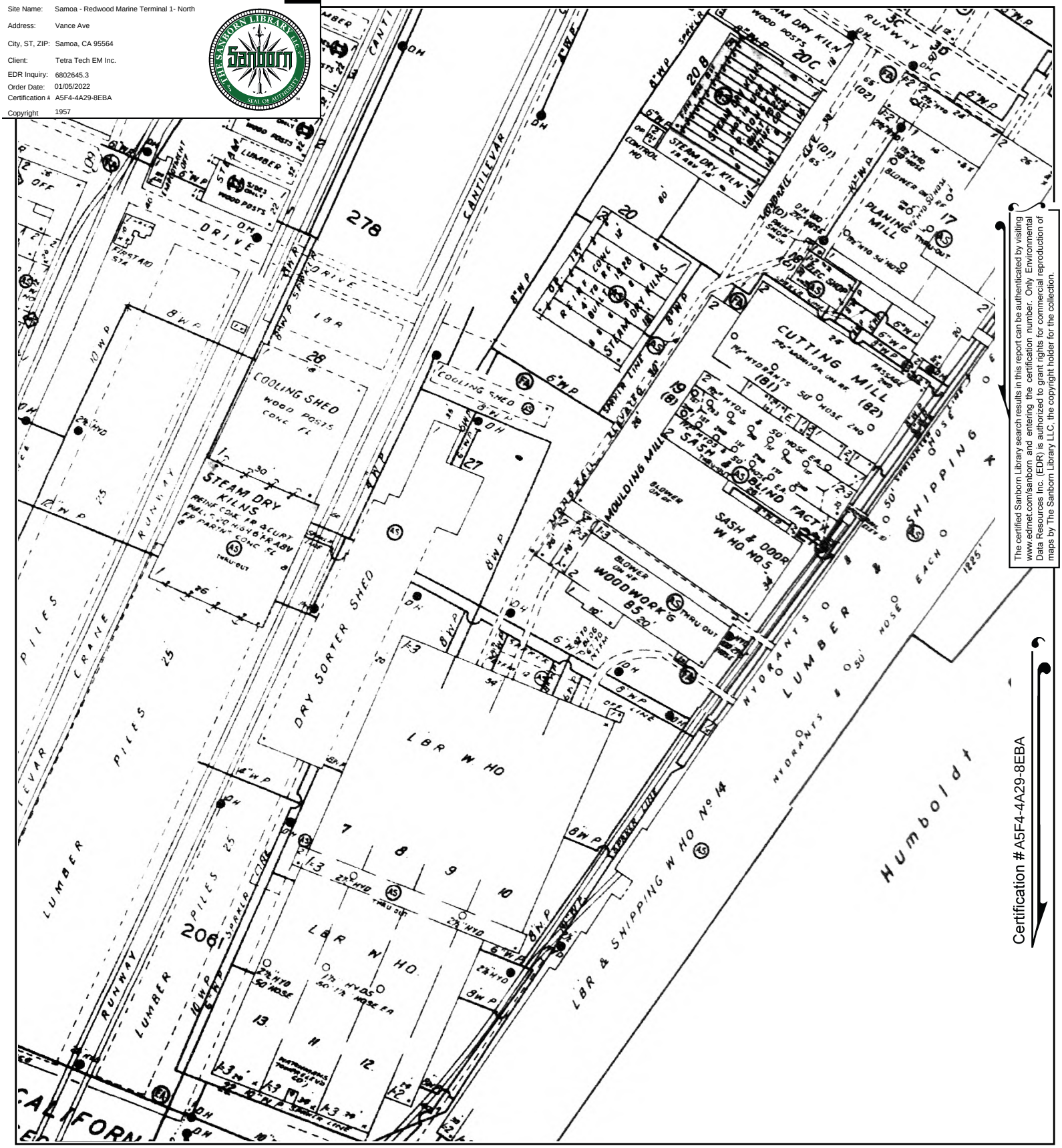
Volume 1, Sheet 80
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1957

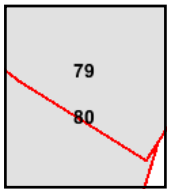
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Address: Vance Ave
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Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
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Volume 1, Sheet 79

N

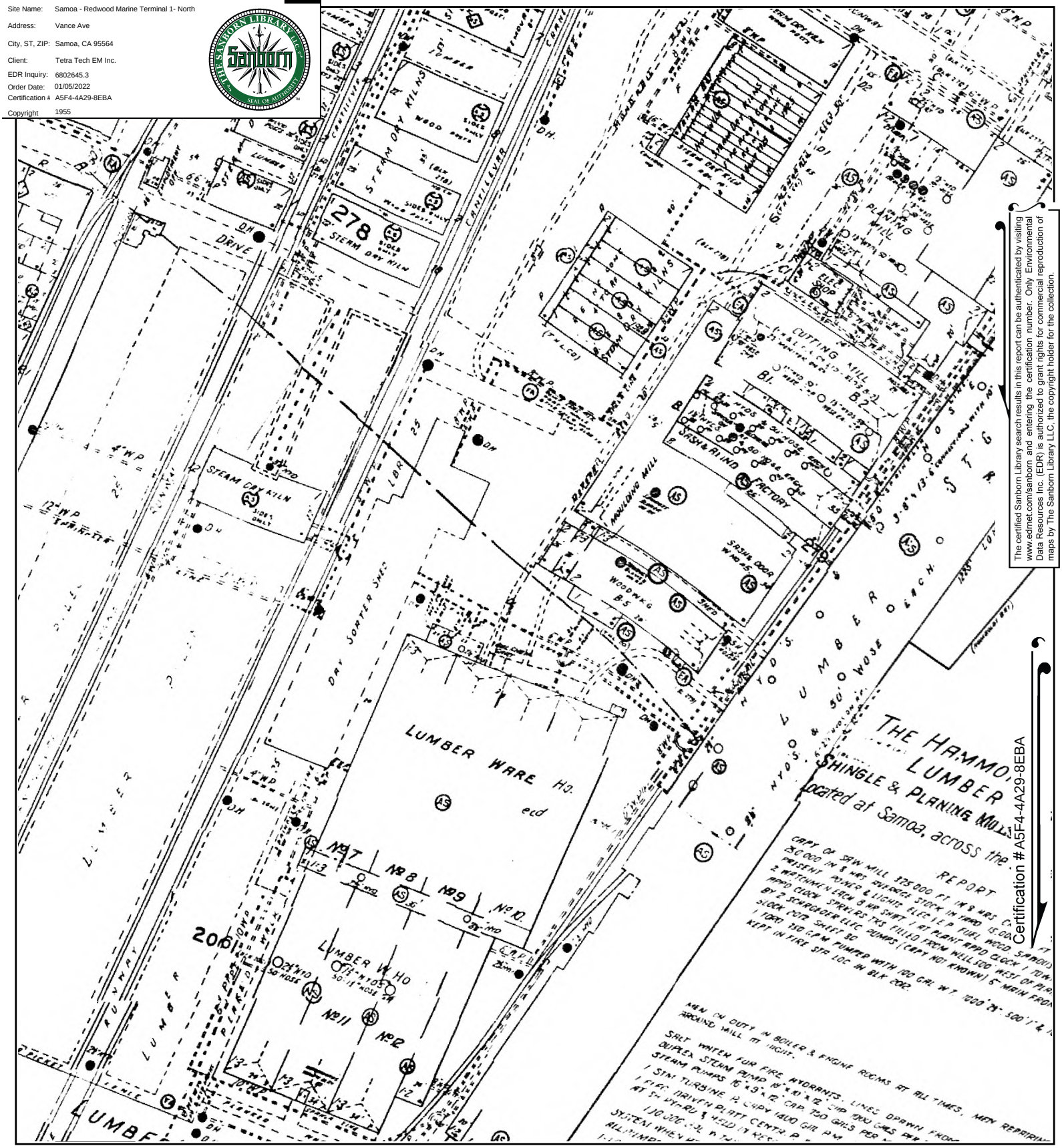
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1955

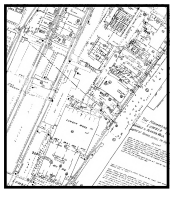
Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1955

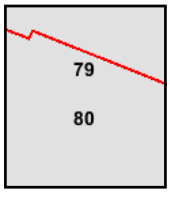


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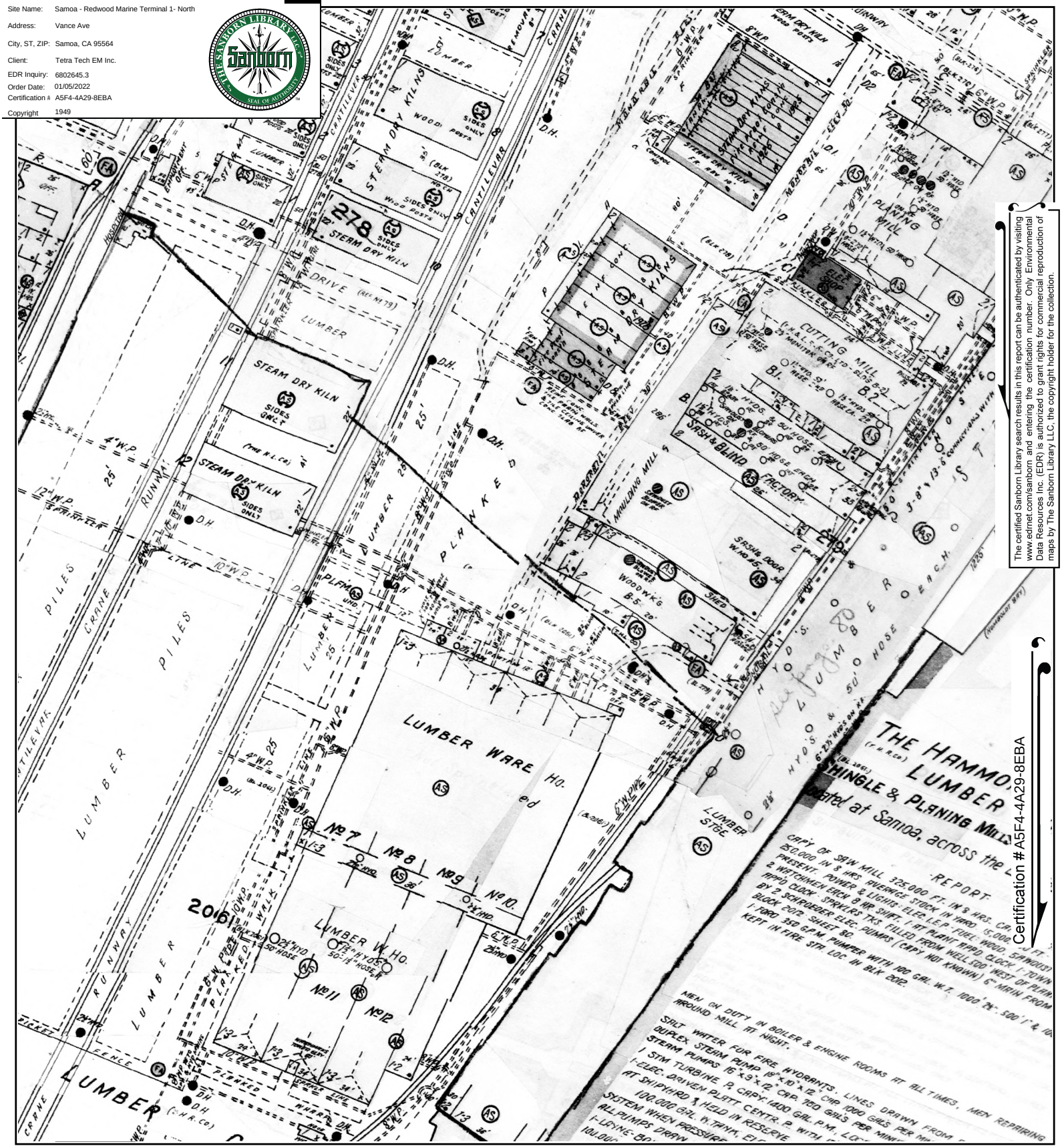
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N

Certified Sanborn® Map

1949

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
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Copyright 1949

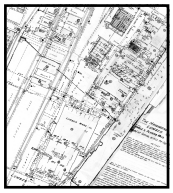


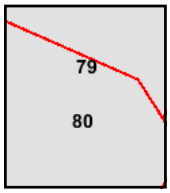
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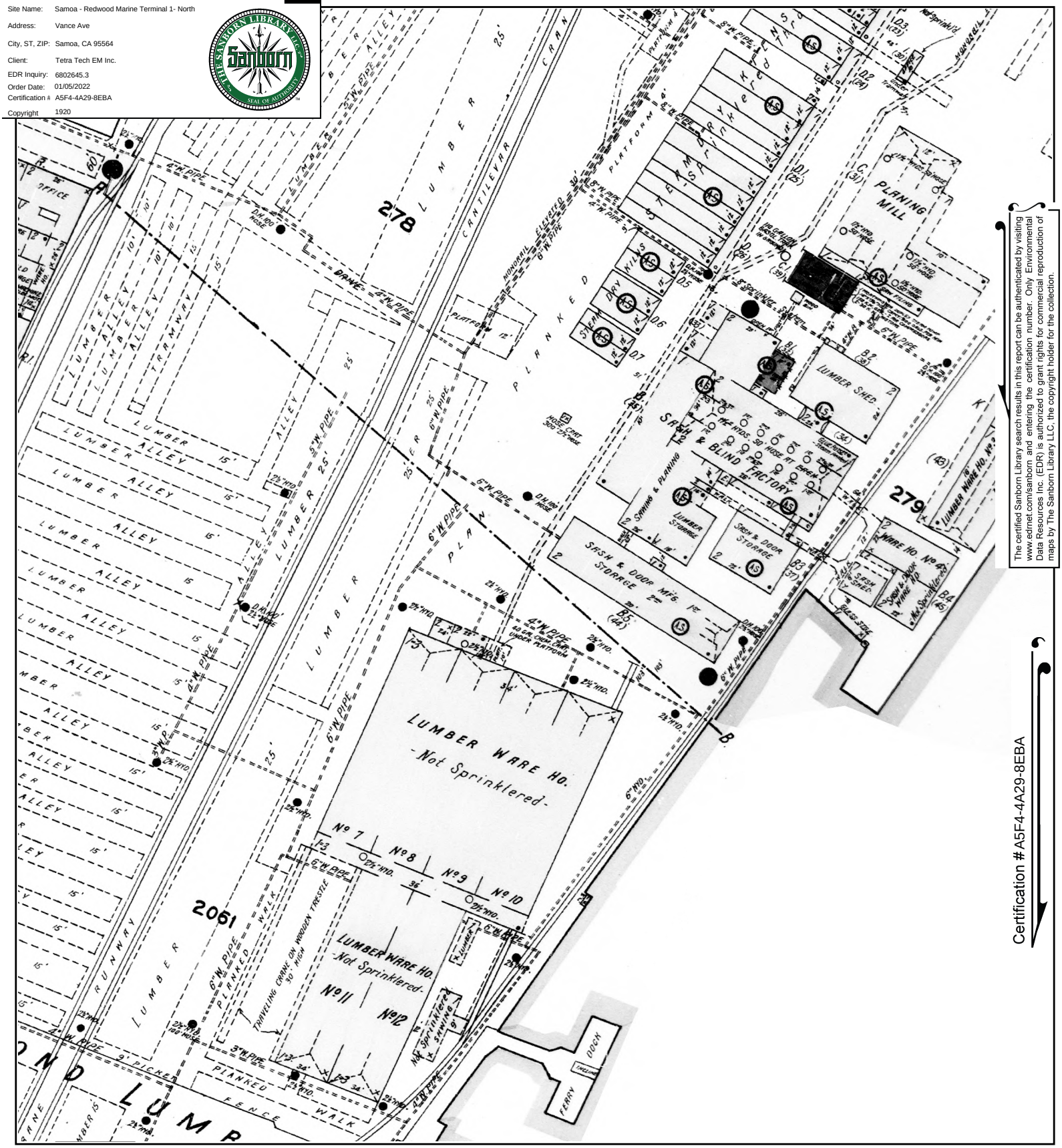
Volume 1, Sheet 79
Volume 1, Sheet 80

N

Certified Sanborn® Map

1920

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright 1920



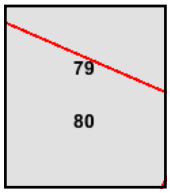
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Volume 1, Sheet 80
Volume 1, Sheet 79

N

Samoa - Redwood Marine Terminal 1- North
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802645.3
January 05, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/05/22

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802645.3

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

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Certified Sanborn Results:

Certification # A5F4-4A29-8EBA

PO # 103Z65210007AD

Project Samoa - Redwood - North

Maps Provided:

1964
1958
1957
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Sanborn® Library search results

Certification #: A5F4-4A29-8EBA

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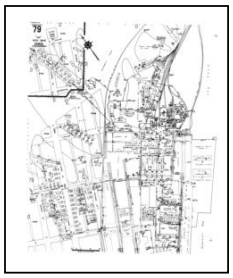
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Sanborn Sheet Key

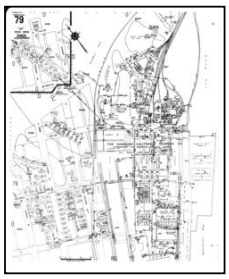
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1964 Source Sheets



Volume 1, Sheet 79
1964

1958 Source Sheets



Volume 1, Sheet 79
1958

1957 Source Sheets



Volume 1, Sheet 80
1957



Volume 1, Sheet 79
1957

1955 Source Sheets



Volume 1, Sheet 79
1955



Volume 1, Sheet 80
1955

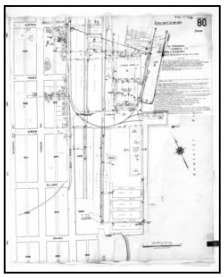
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1949 Source Sheets

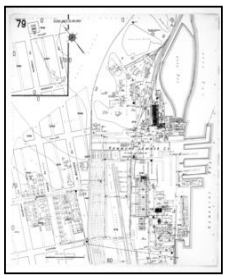


Volume 1, Sheet 79
1949

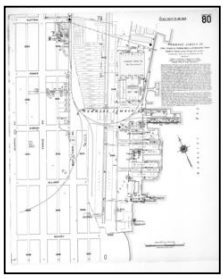


Volume 1, Sheet 80
1949

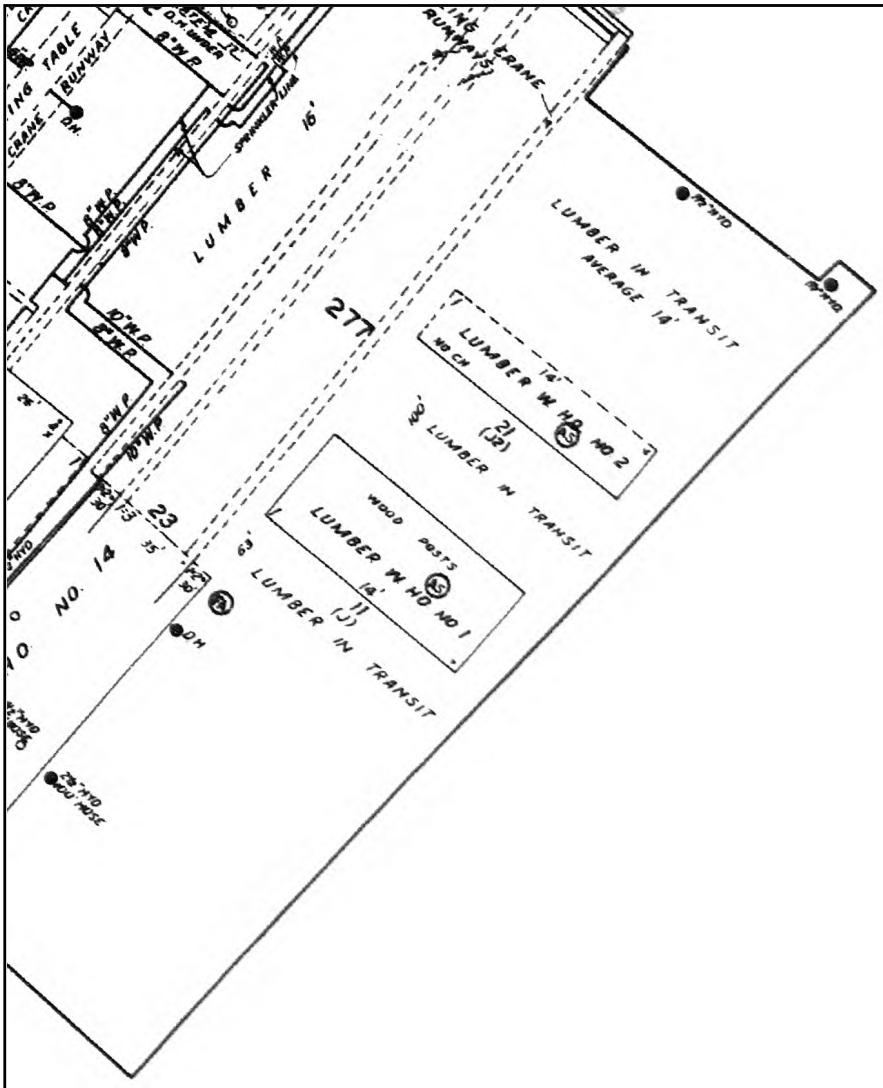
1920 Source Sheets



Volume 1, Sheet 79
1920



Volume 1, Sheet 80
1920

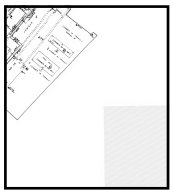


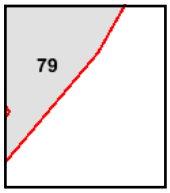
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Certification #A5F4-4A29-8EBA

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1964

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Outlined areas indicate map sheets within the collection.

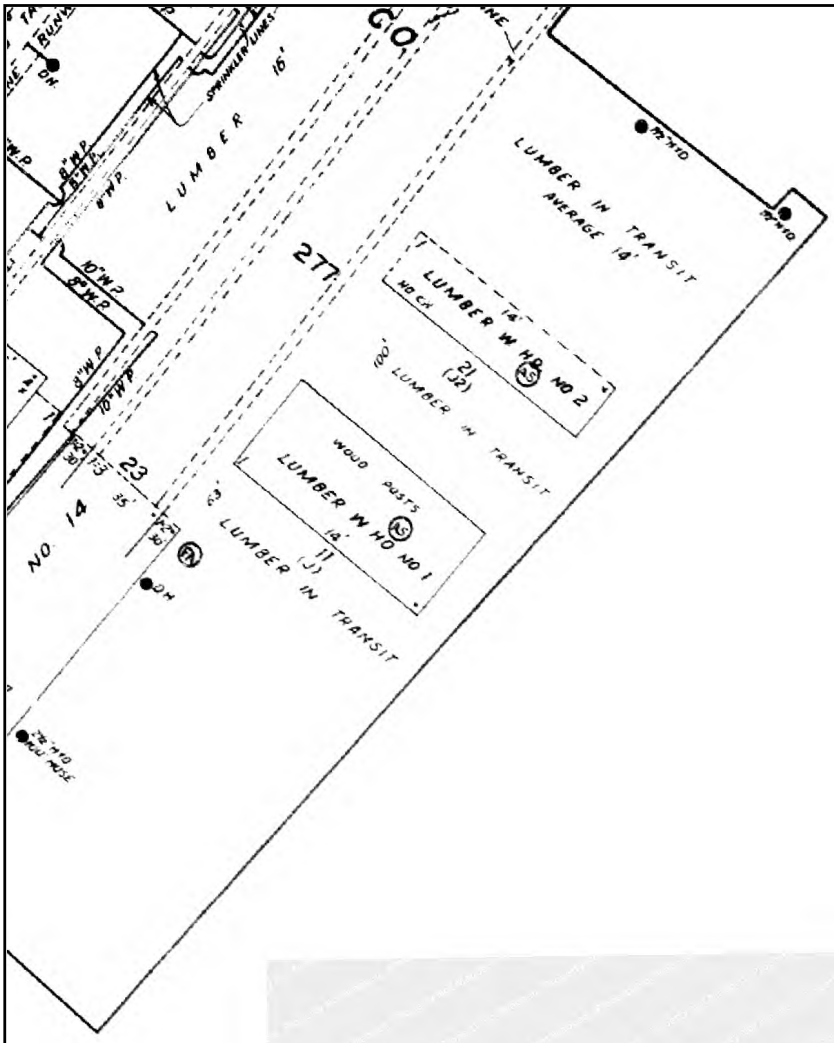




Volume 1, Sheet 79

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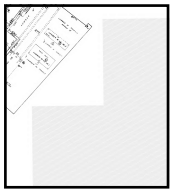


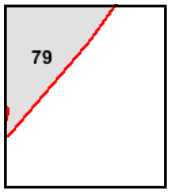
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Certification #A5F4-4A29-8EBA

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1958

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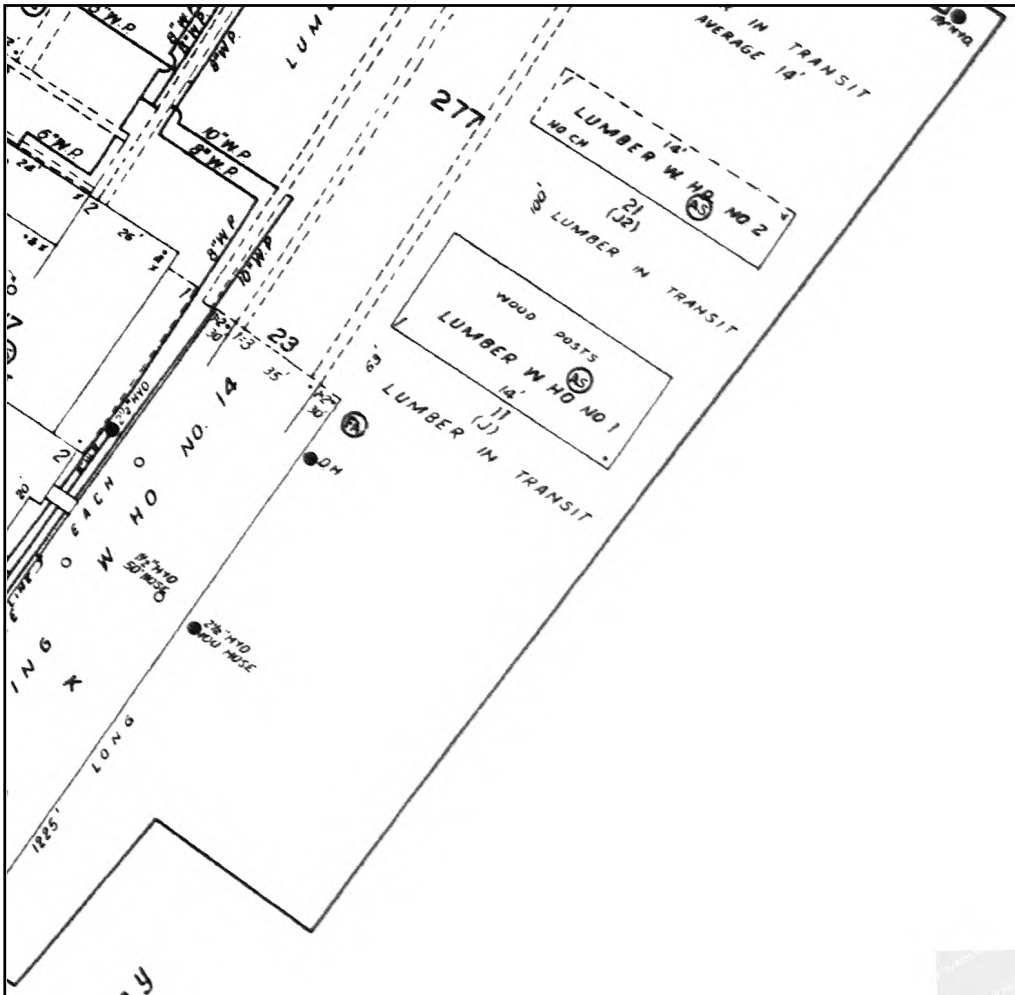




Volume 1, Sheet 79

0 Feet 150 300 600

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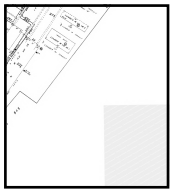


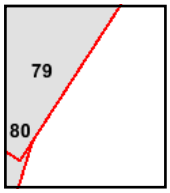
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Certification #A5F4-4A29-8EBA

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1957

This Certified Sanborn Map combines the following sheets.
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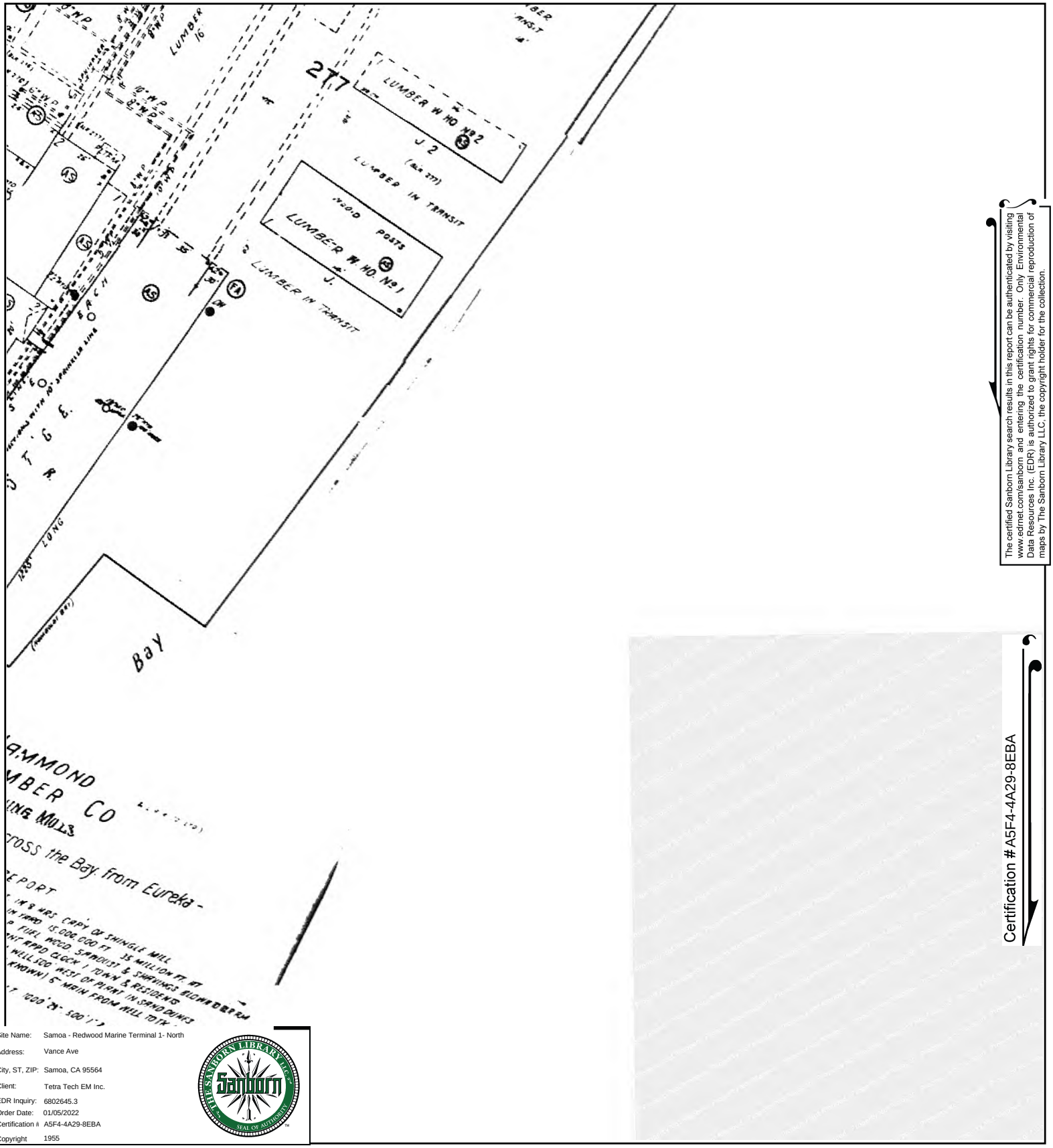




Volume 1, Sheet 79
Volume 1, Sheet 80

0 Feet 150 300 600

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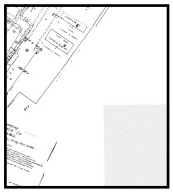


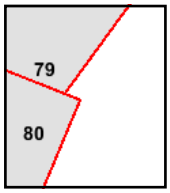
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Certification #A5F4-4A29-8EBA

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1955

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

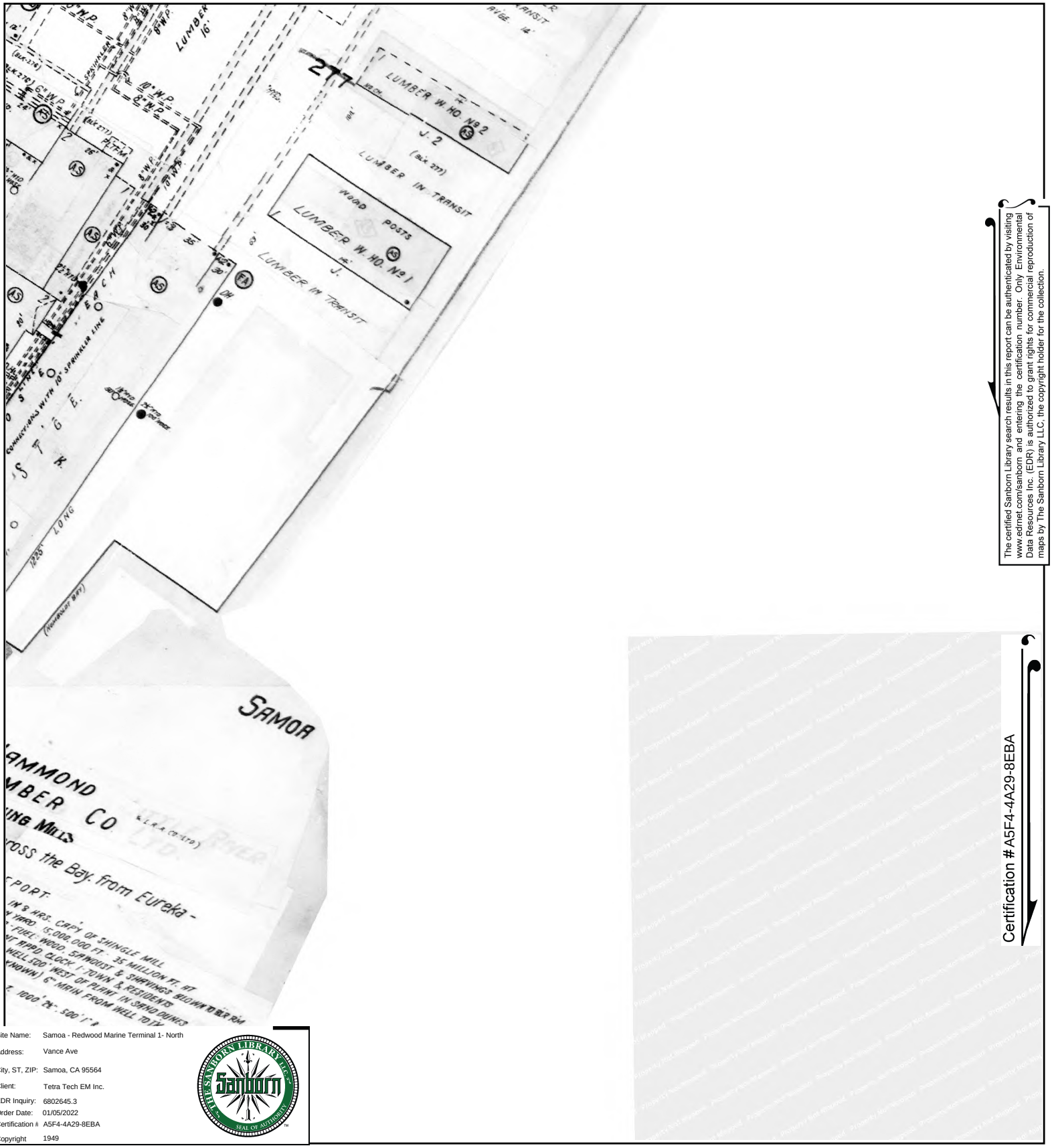




Volume 1, Sheet 80
Volume 1, Sheet 79

0 Feet 150 300 600

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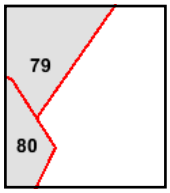
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Certification #A5F4-4A29-8EBA

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1949

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

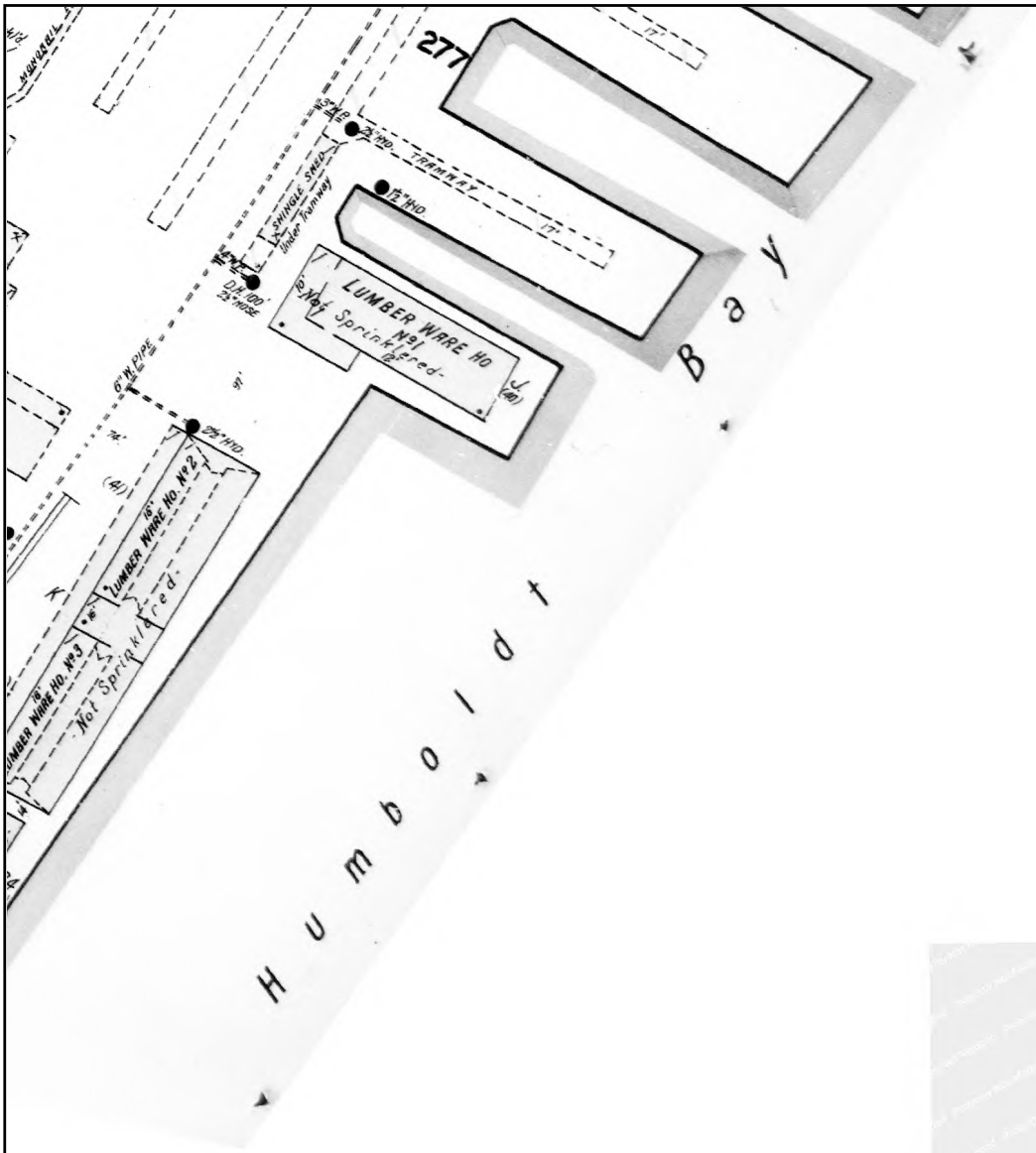




Volume 1, Sheet 80
Volume 1, Sheet 79

0 Feet 150 300 600

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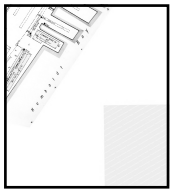


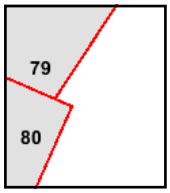
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Certification #A5F4-4A29-8EBA

Site Name: Samoa - Redwood Marine Terminal 1- North
Address: Vance Ave
City, ST, ZIP: Samoa, CA 95564
Client: Tetra Tech EM Inc.
EDR Inquiry: 6802645.3
Order Date: 01/05/2022
Certification #: A5F4-4A29-8EBA
Copyright: 1920

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 1, Sheet 80
Volume 1, Sheet 79

0 Feet 150 300 600

N

APPENDIX B - 2

HISTORICAL AERIAL PHOTOGRAPHS

Samoa - Redwood Marine Terminal 1- North

Vance Ave

Samoa, CA 95564

Inquiry Number: 6802645.8

December 29, 2021

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

12/29/21

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802645.8

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

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Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1990	1"=500'	Acquisition Date: July 26, 1990	USGS/DOQQ
1983	1"=500'	Flight Date: July 03, 1983	USDA
1974	1"=500'	Flight Date: January 28, 1974	USGS
1972	1"=500'	Flight Date: July 15, 1972	USGS
1969	1"=500'	Flight Date: August 05, 1969	USGS
1957	1"=500'	Flight Date: June 06, 1957	USGS
1954	1"=500'	Flight Date: July 21, 1954	USDA
1941	1"=500'	Flight Date: November 23, 1941	USDA

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INQUIRY #: 6802645.8

YEAR: 2016

= 500'

N

EDR



INQUIRY #: 6802645.8

YEAR: 2012

= 500'

N

EDR



INQUIRY #: 6802645.8

YEAR: 2009

= 500'

N

EDR



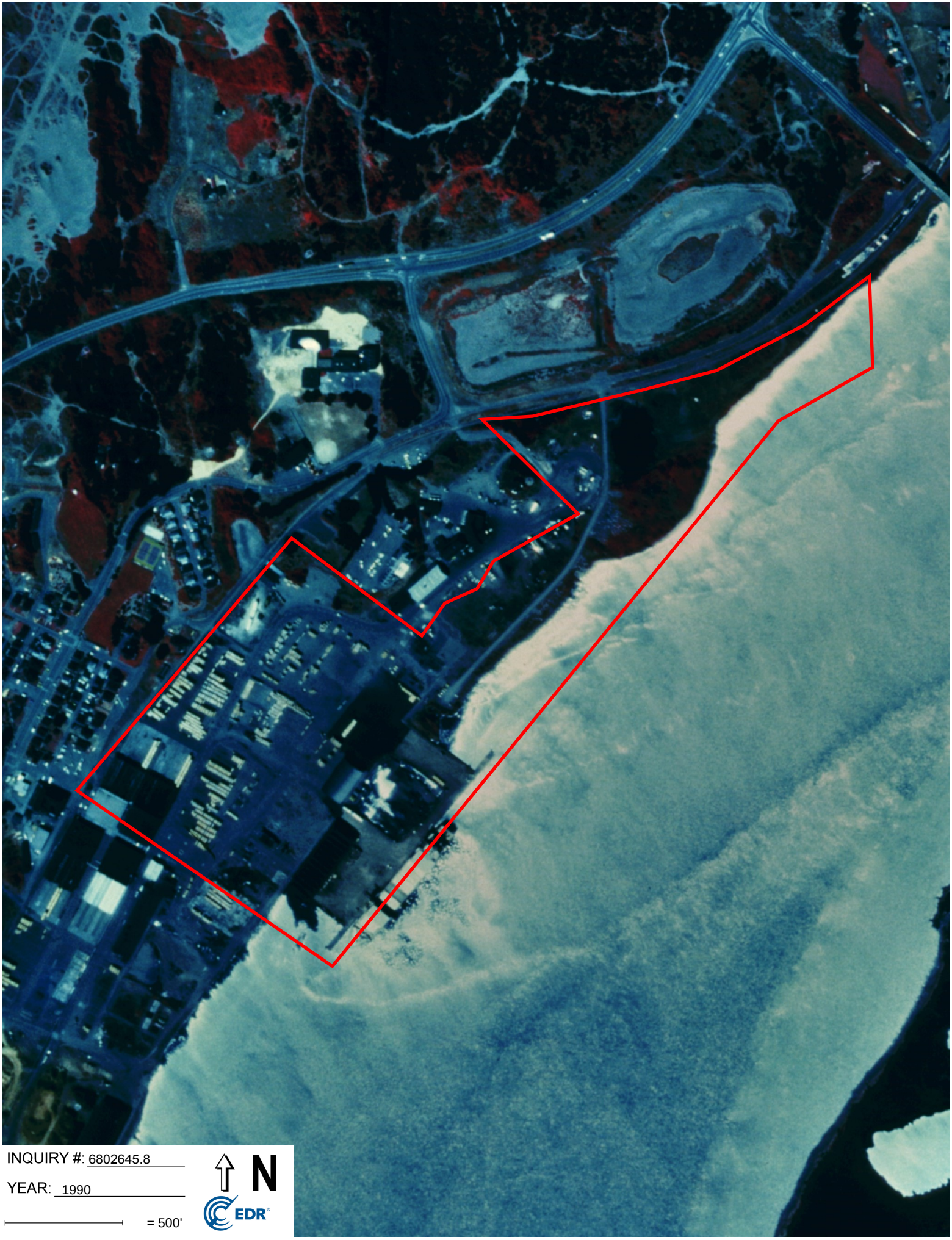
INQUIRY #: 6802645.8

YEAR: 2005

= 500'

N

EDR



INQUIRY #: 6802645.8

YEAR: 1990

= 500'

N

EDR



INQUIRY #: 6802645.8

YEAR: 1983

= 500'

N

EDR


INQUIRY #: 6802645.8
YEAR: 1974
= 500'
N
EDR



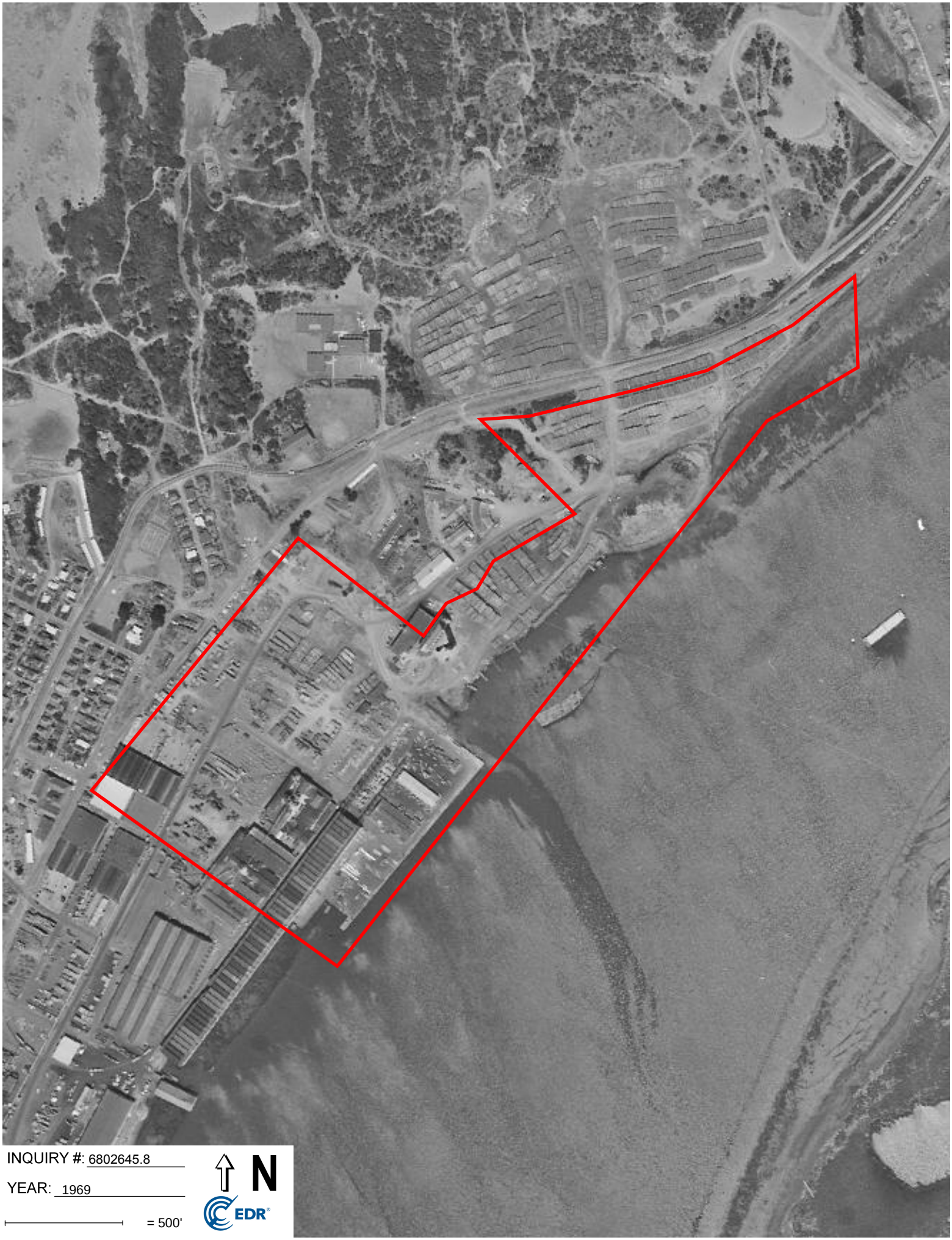
INQUIRY #: 6802645.8

YEAR: 1972

= 500'

N

EDR



INQUIRY #: 6802645.8

YEAR: 1969

= 500'

N

EDR


INQUIRY #: 6802645.8
YEAR: 1957
= 500'
N
EDR



INQUIRY #: 6802645.8

YEAR: 1954

= 500'

N

EDR



INQUIRY #: 6802645.8

YEAR: 1941

= 500'

N

EDR

Samoa - Redwood Marine Terminal 1- South

Vance Ave

Samoa, CA 95564

Inquiry Number: 6802641.8

December 29, 2021

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6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

12/29/21

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802641.8

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

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Search Results:

Year	Scale	Details	Source
2016	1"=875'	Flight Year: 2016	USDA/NAIP
2012	1"=875'	Flight Year: 2012	USDA/NAIP
2009	1"=875'	Flight Year: 2009	USDA/NAIP
2005	1"=875'	Flight Year: 2005	USDA/NAIP
1990	1"=875'	Acquisition Date: July 26, 1990	USGS/DOQQ
1983	1"=875'	Flight Date: July 03, 1983	USDA
1974	1"=875'	Flight Date: January 28, 1974	USGS
1972	1"=875'	Flight Date: July 15, 1972	USGS
1969	1"=875'	Flight Date: August 05, 1969	USGS
1957	1"=875'	Flight Date: June 06, 1957	USGS
1954	1"=875'	Flight Date: July 21, 1954	USDA
1941	1"=875'	Flight Date: November 23, 1941	USDA

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INQUIRY #: 6802641.8
YEAR: 2016
= 875'
N
EDR


INQUIRY #: 6802641.8
YEAR: 2012
= 875'
N
EDR



INQUIRY #: 6802641.8

YEAR: 2009

= 875'

N

EDR


INQUIRY #: 6802641.8
YEAR: 2005
= 875'
N
EDR



INQUIRY #: 6802641.8

YEAR: 1990

= 875'

N

EDR



INQUIRY #: 6802641.8

YEAR: 1983

= 875'

N

EDR



INQUIRY #: 6802641.8

YEAR: 1974

= 875'

N

EDR



INQUIRY #: 6802641.8

YEAR: 1972

= 875'

N

EDR



INQUIRY #: 6802641.8

YEAR: 1969

= 875'

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EDR


INQUIRY #: 6802641.8
YEAR: 1957
= 875'
N
EDR


INQUIRY #: 6802641.8
YEAR: 1954
= 875'
N
EDR


INQUIRY #: 6802641.8
YEAR: 1941
= 875'
N
EDR

APPENDIX B - 3

HISTORICAL TOPOGRAPHIC MAPS

Samoa - Redwood Marine Terminal 1- North

Vance Ave

Samoa, CA 95564

Inquiry Number: 6802645.4

December 29, 2021

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

12/29/21

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802645.4

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech EM 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.# 103Z65210007AD

Project: Samoa - Redwood - North

Coordinates:

Latitude:	40.817903 40° 49' 4" North
Longitude:	-124.182222 -124° 10' 56" West
UTM Zone:	Zone 10 North
UTM X Meters:	400299.14
UTM Y Meters:	4519215.29
Elevation:	9.65' above sea level

Maps Provided:

2018	1942
2015	1933
2012	
1972	
1959	
1958	
1951	
1947	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



Eureka
2018
7.5-minute, 24000

2015 Source Sheets



Eureka
2015
7.5-minute, 24000

2012 Source Sheets



Eureka
2012
7.5-minute, 24000

1972 Source Sheets



Eureka
1972
7.5-minute, 24000
Aerial Photo Revised 1972

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1959 Source Sheets



Eureka
1959
15-minute, 62500
Aerial Photo Revised 1956

1958 Source Sheets



Eureka
1958
7.5-minute, 24000
Aerial Photo Revised 1956

1951 Source Sheets



Eureka
1951
15-minute, 62500

1947 Source Sheets



EUREKA
1947
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1942 Source Sheets



Eureka
1942
15-minute, 62500

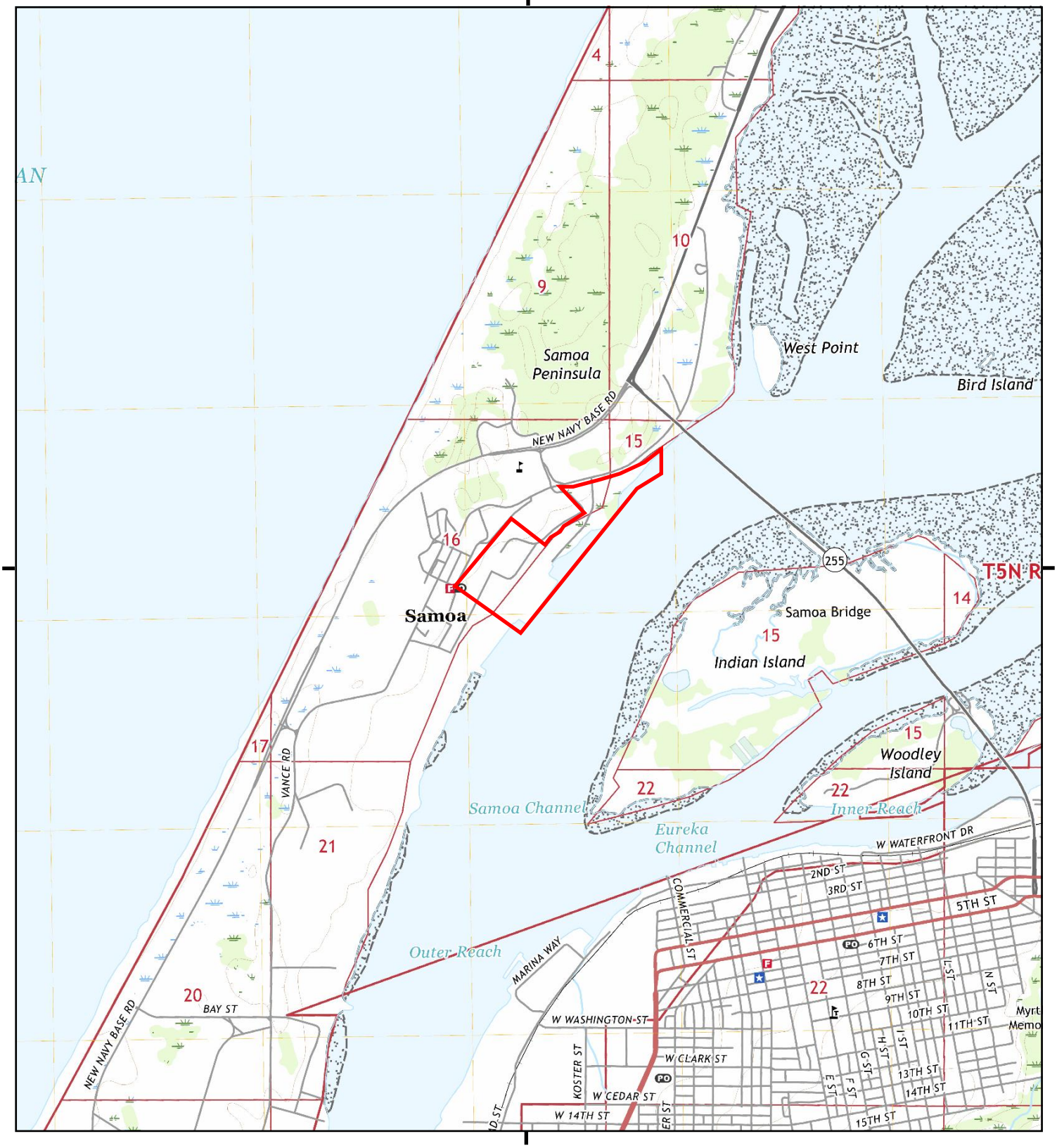
1933 Source Sheets



Eureka
1933
15-minute, 48000

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, Eureka, 2018, 7.5-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Nc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM 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

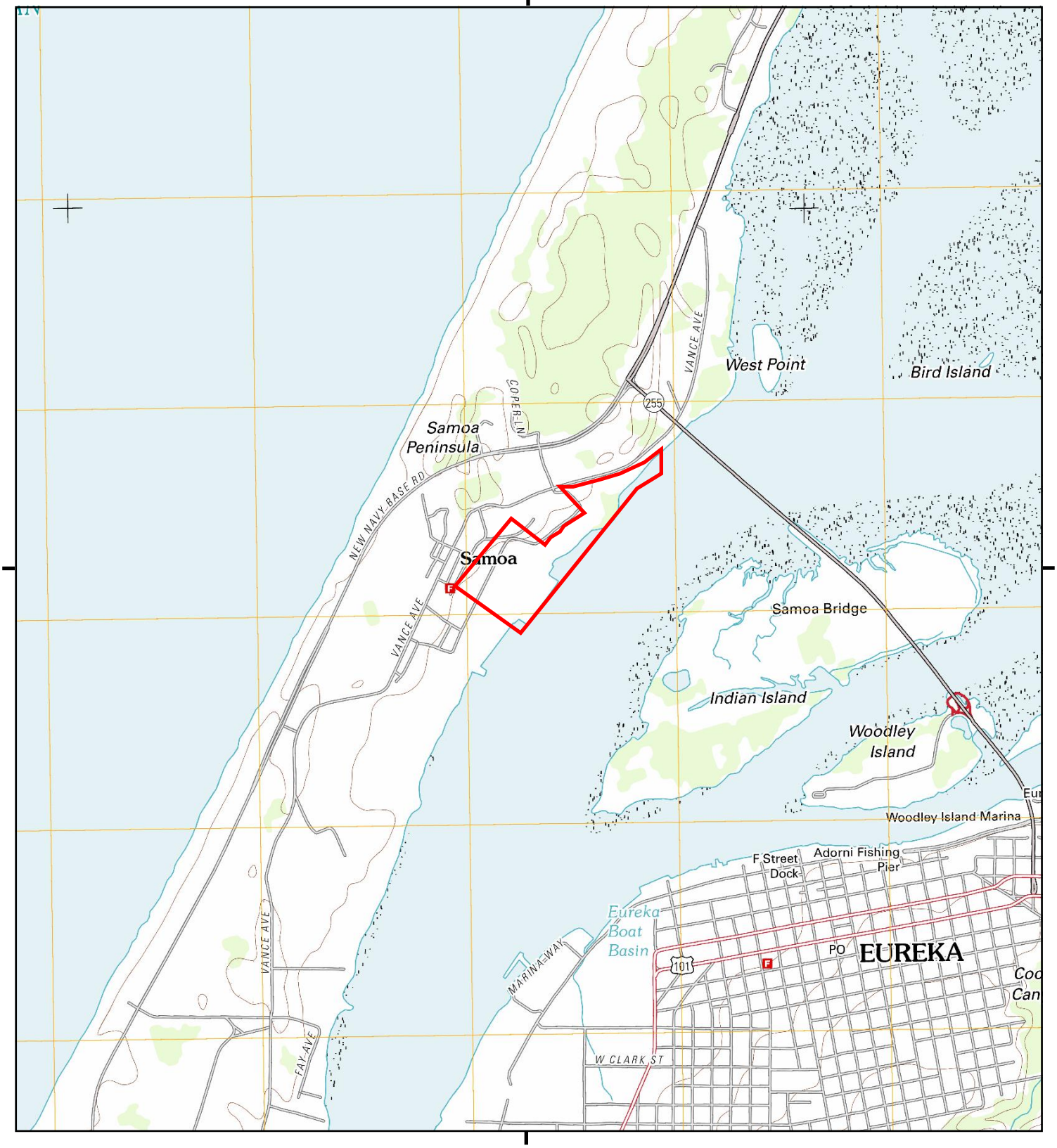
TP, Eureka, 2015, 7.5-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Nc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM 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

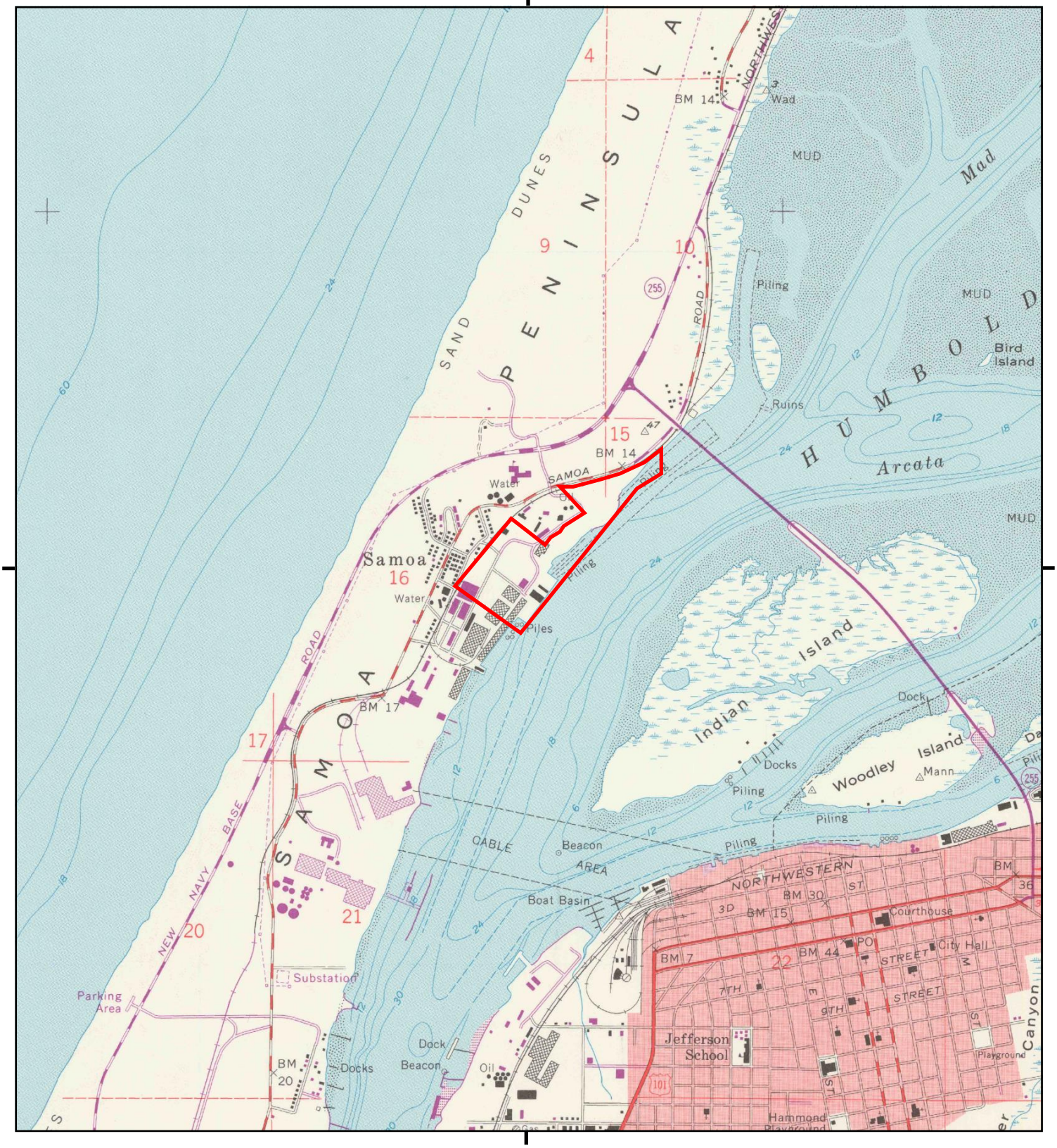
TP, Eureka, 2012, 7.5-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Nc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N

Historical Topo Map

1972



This report includes information from the following map sheet(s).

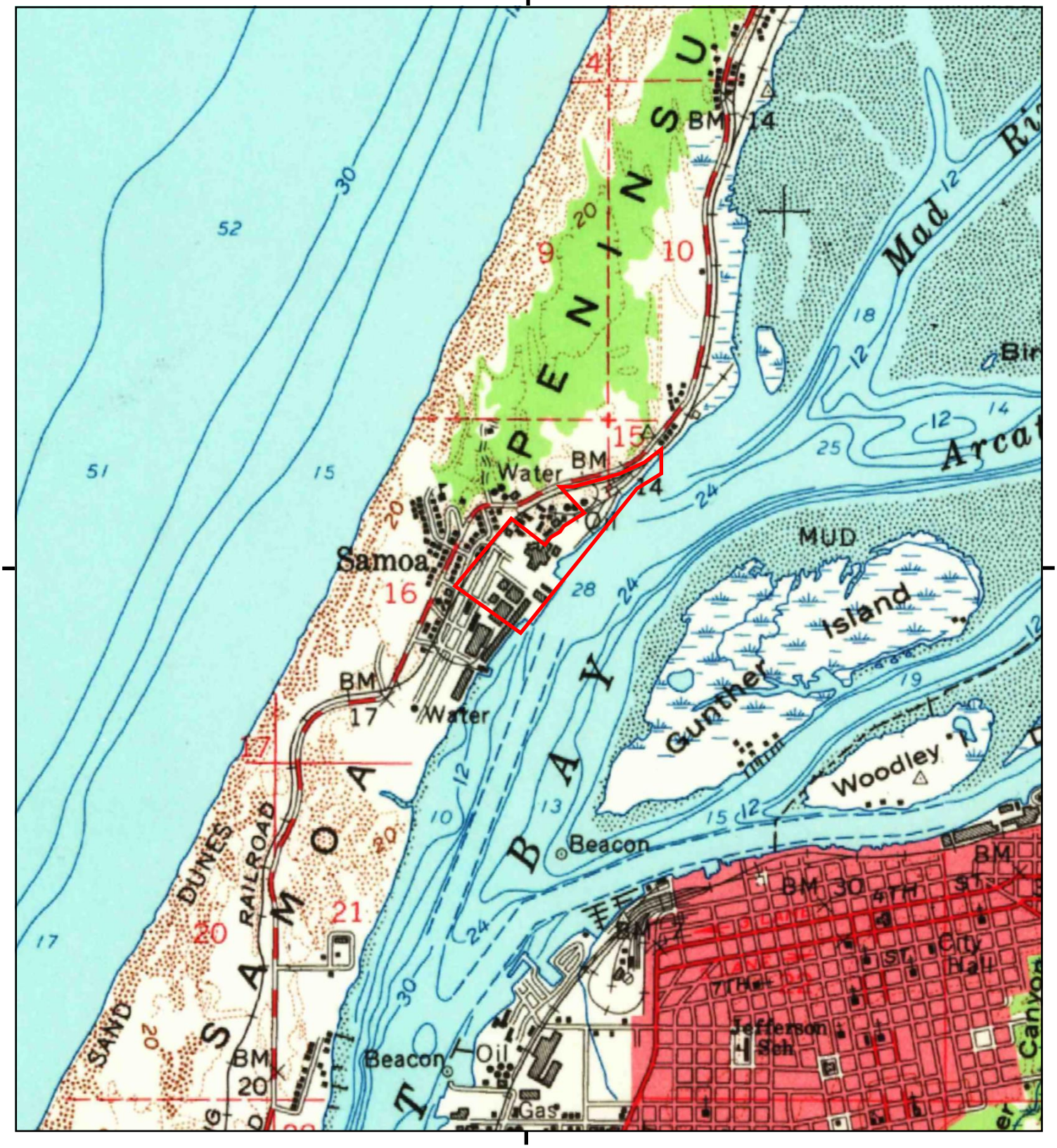
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Eureka, 1972, 7.5-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Nc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N



This report includes information from the following map sheet(s).

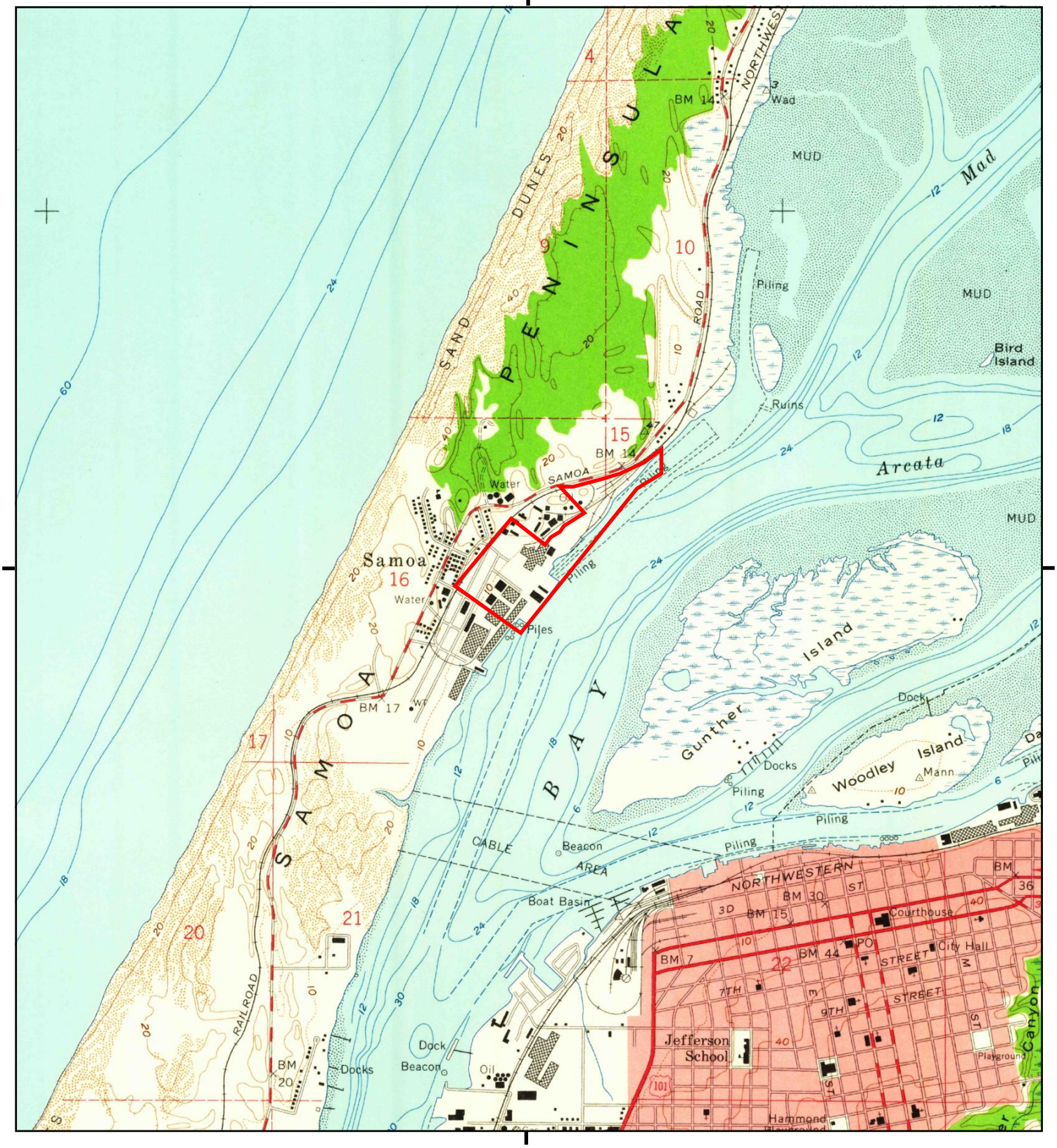
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Eureka, 1959, 15-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Nc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N



This report includes information from the following map sheet(s).

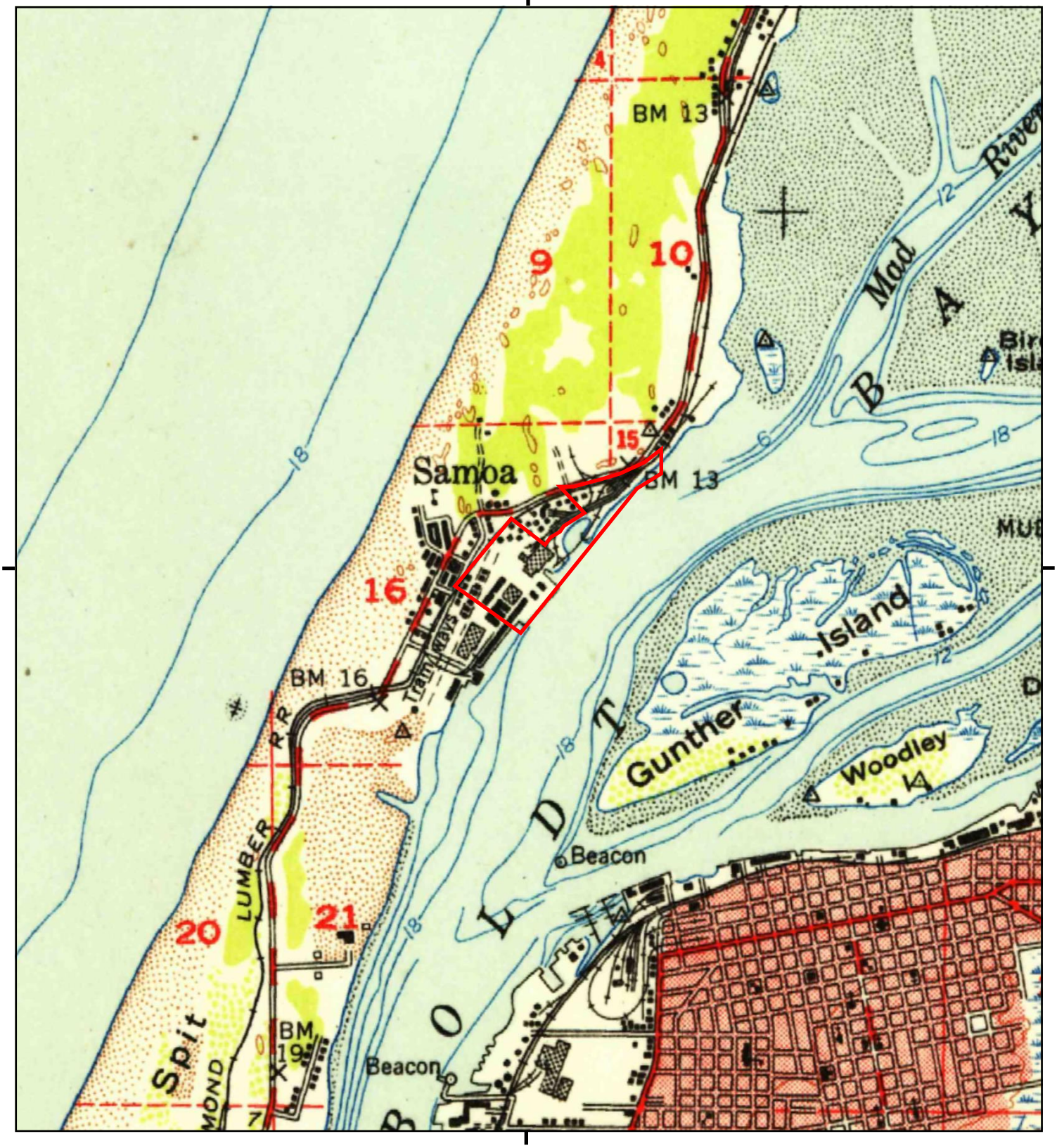
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Eureka, 1958, 7.5-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Nc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM 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, Eureka, 1951, 15-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Nc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

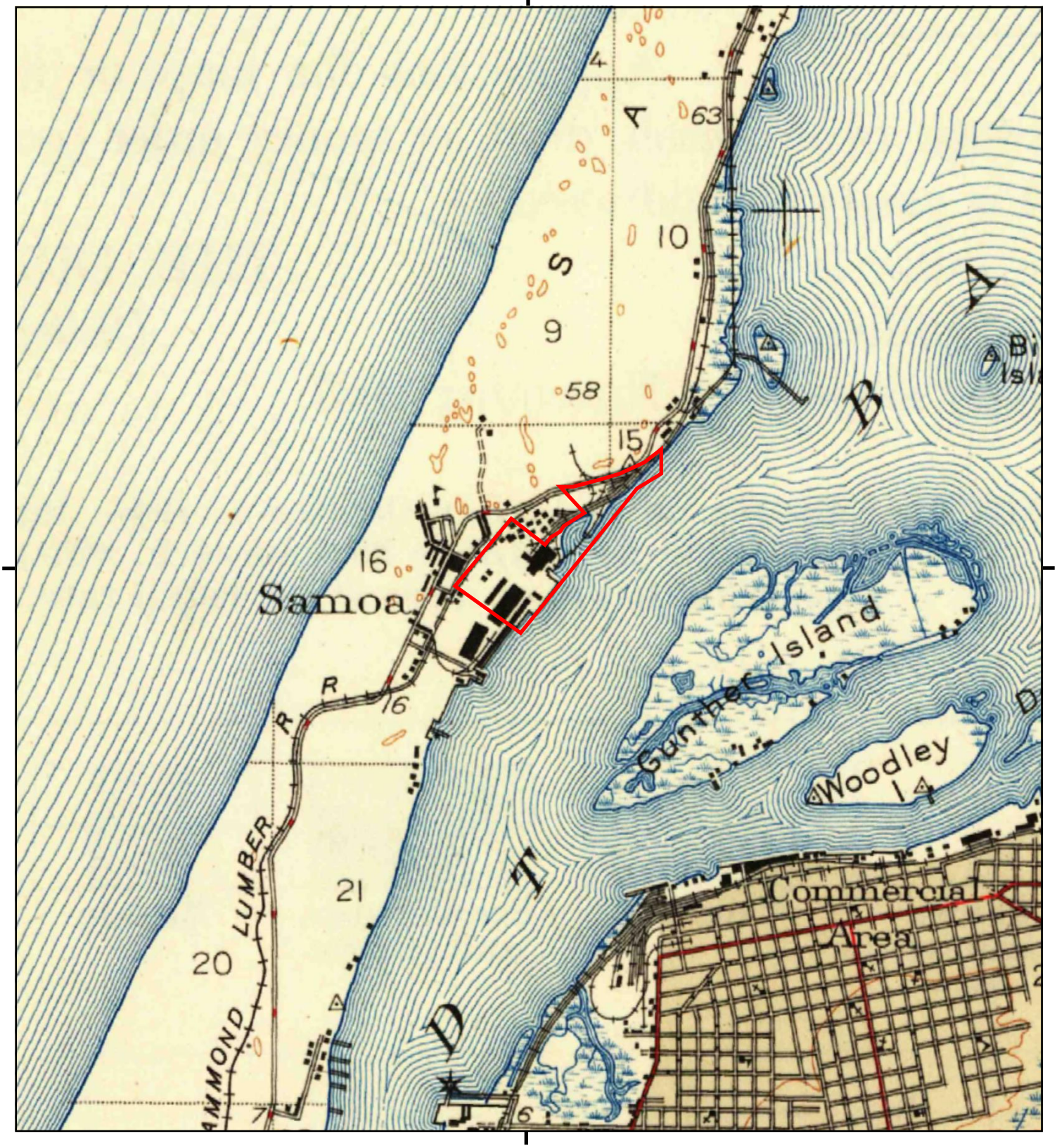
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, EUREKA, 1947, 15-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Nc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM 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, Eureka, 1942, 15-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Nc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N

Historical Topo Map

1933



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, Eureka, 1933, 15-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Nc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N

Samoa - Redwood Marine Terminal 1- South

Vance Ave

Samoa, CA 95564

Inquiry Number: 6802641.4

December 29, 2021

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

12/29/21

Site Name:

Samoa - Redwood Marine Terr
Vance Ave
Samoa, CA 95564
EDR Inquiry # 6802641.4

Client Name:

Tetra Tech EM Inc.
1999 Harrison Street
Oakland, CA 94612-0000
Contact: Savannah Russell

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech EM 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.# 103Z65210007AD

Project: Samoa - Redwood - South

Coordinates:

Latitude:	40.809628 40° 48' 35" North
Longitude:	-124.190677 -124° 11' 26" West
UTM Zone:	Zone 10 North
UTM X Meters:	399573.61
UTM Y Meters:	4518306.34
Elevation:	17.00' above sea level

Maps Provided:

2018	1942
2015	1933
2012	
1972	
1959	
1958	
1951	
1947	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



Eureka
2018
7.5-minute, 24000

2015 Source Sheets



Eureka
2015
7.5-minute, 24000

2012 Source Sheets



Eureka
2012
7.5-minute, 24000

1972 Source Sheets



Eureka
1972
7.5-minute, 24000
Aerial Photo Revised 1972

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1959 Source Sheets



Eureka
1959
15-minute, 62500
Aerial Photo Revised 1956

1958 Source Sheets



Eureka
1958
7.5-minute, 24000
Aerial Photo Revised 1956

1951 Source Sheets



Eureka
1951
15-minute, 62500

1947 Source Sheets



EUREKA
1947
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1942 Source Sheets



Eureka
1942
15-minute, 62500

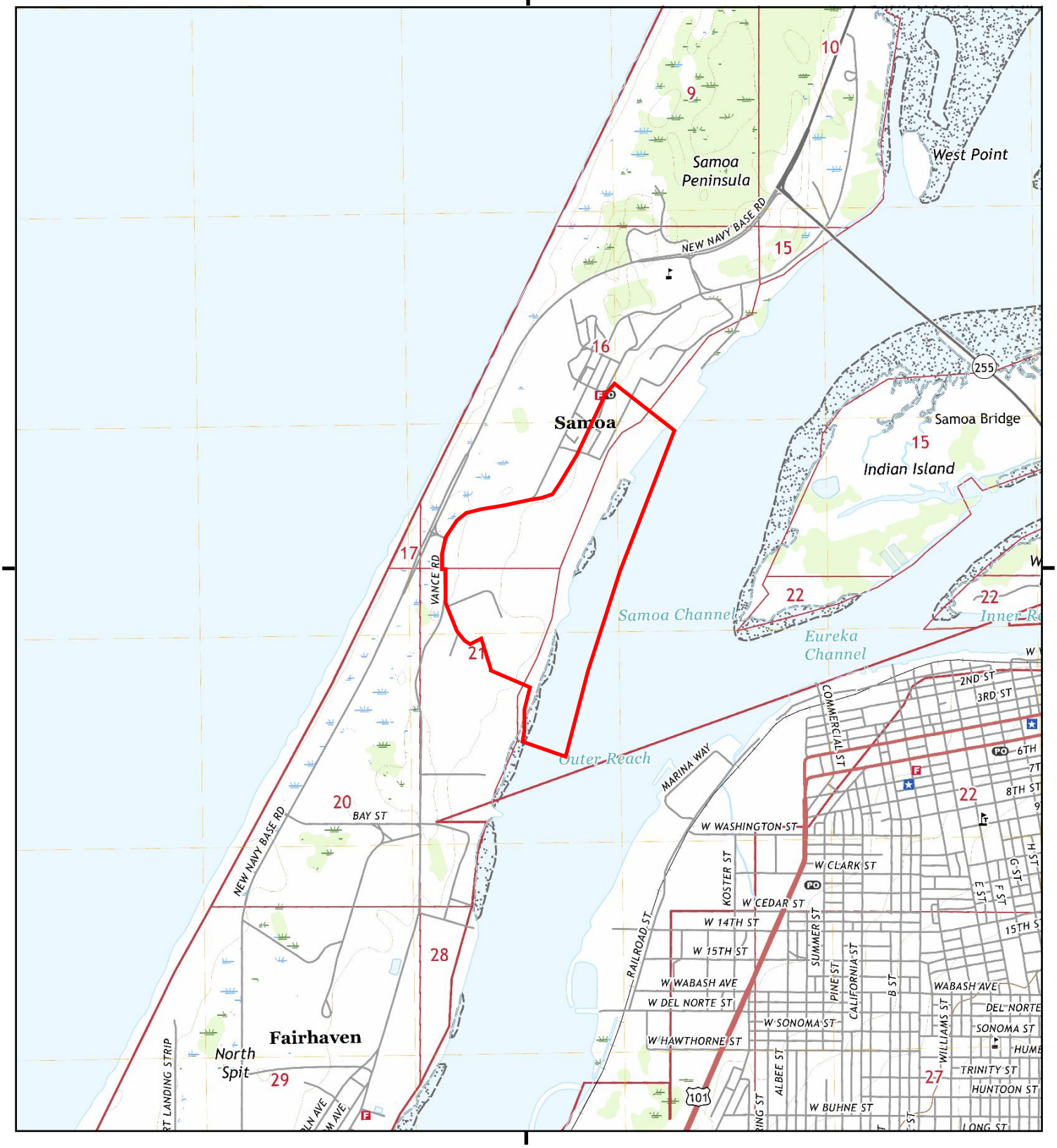
1933 Source Sheets



Eureka
1933
15-minute, 48000

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, Eureka, 2018, 7.5-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Sc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM 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

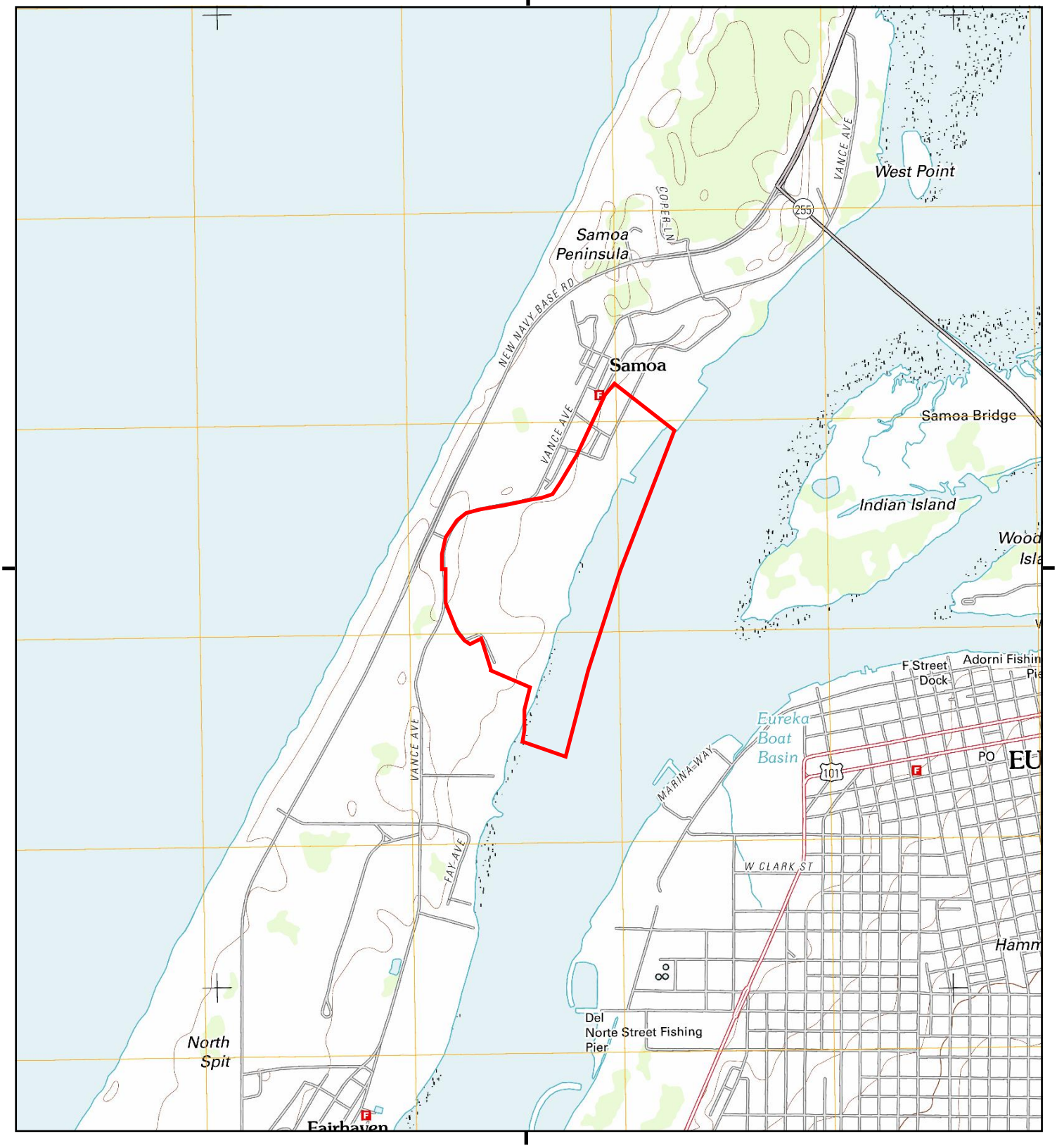
TP, Eureka, 2015, 7.5-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Sc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM 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

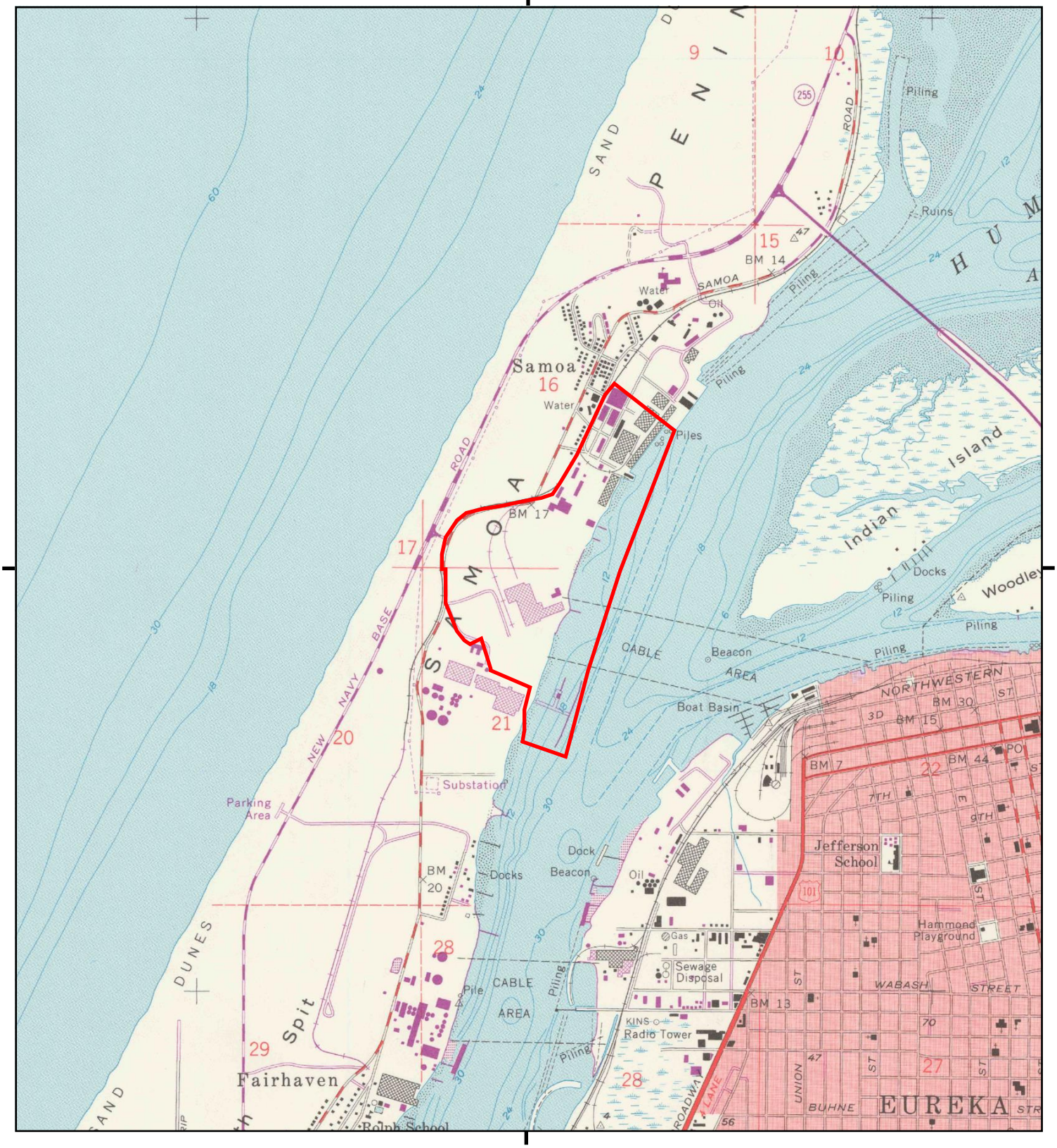
TP, Eureka, 2012, 7.5-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Sc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N

Historical Topo Map

1972



This report includes information from the following map sheet(s).

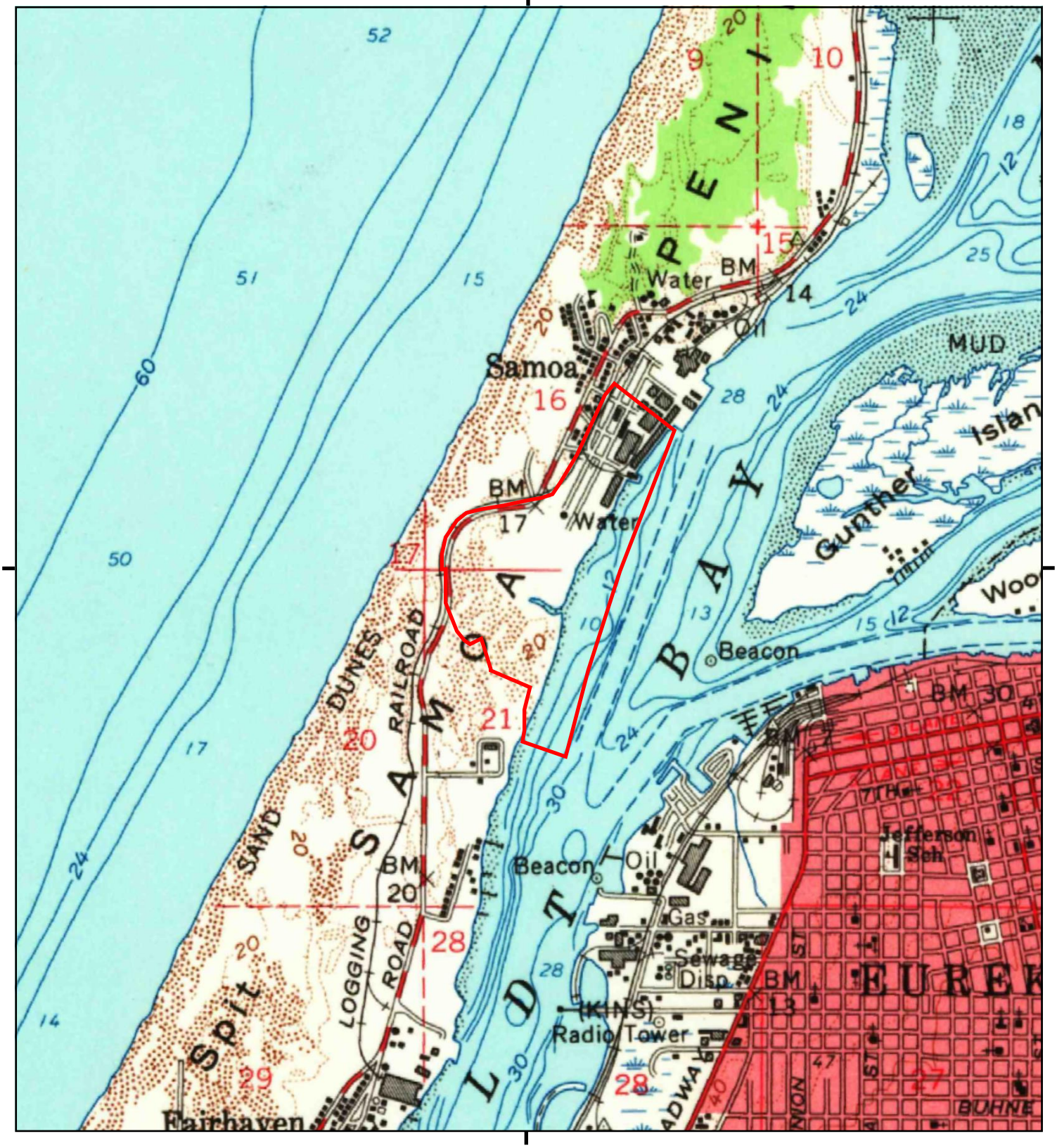
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Eureka, 1972, 7.5-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Sc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N



This report includes information from the following map sheet(s).

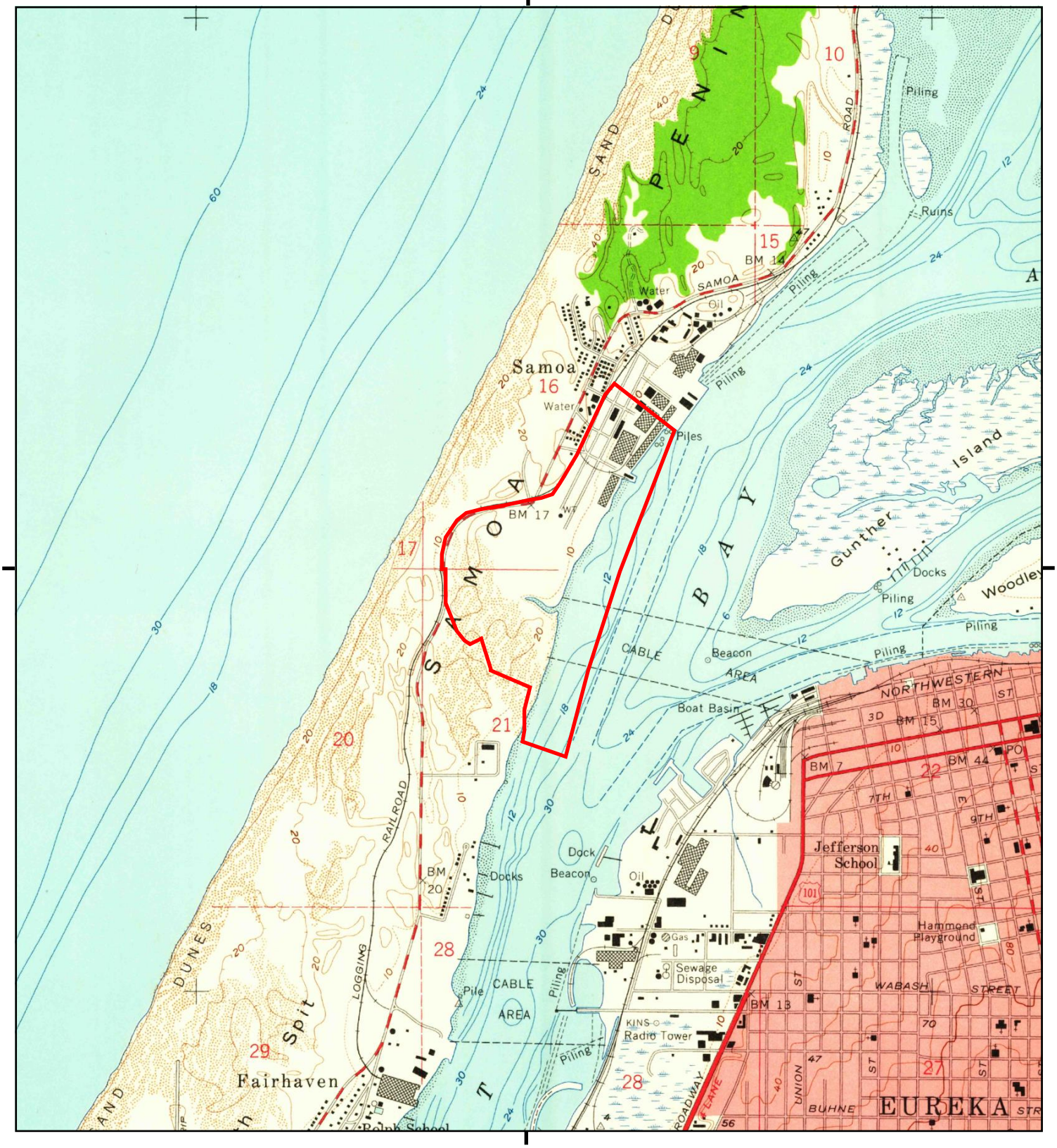
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Eureka, 1959, 15-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Sc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N



This report includes information from the following map sheet(s).

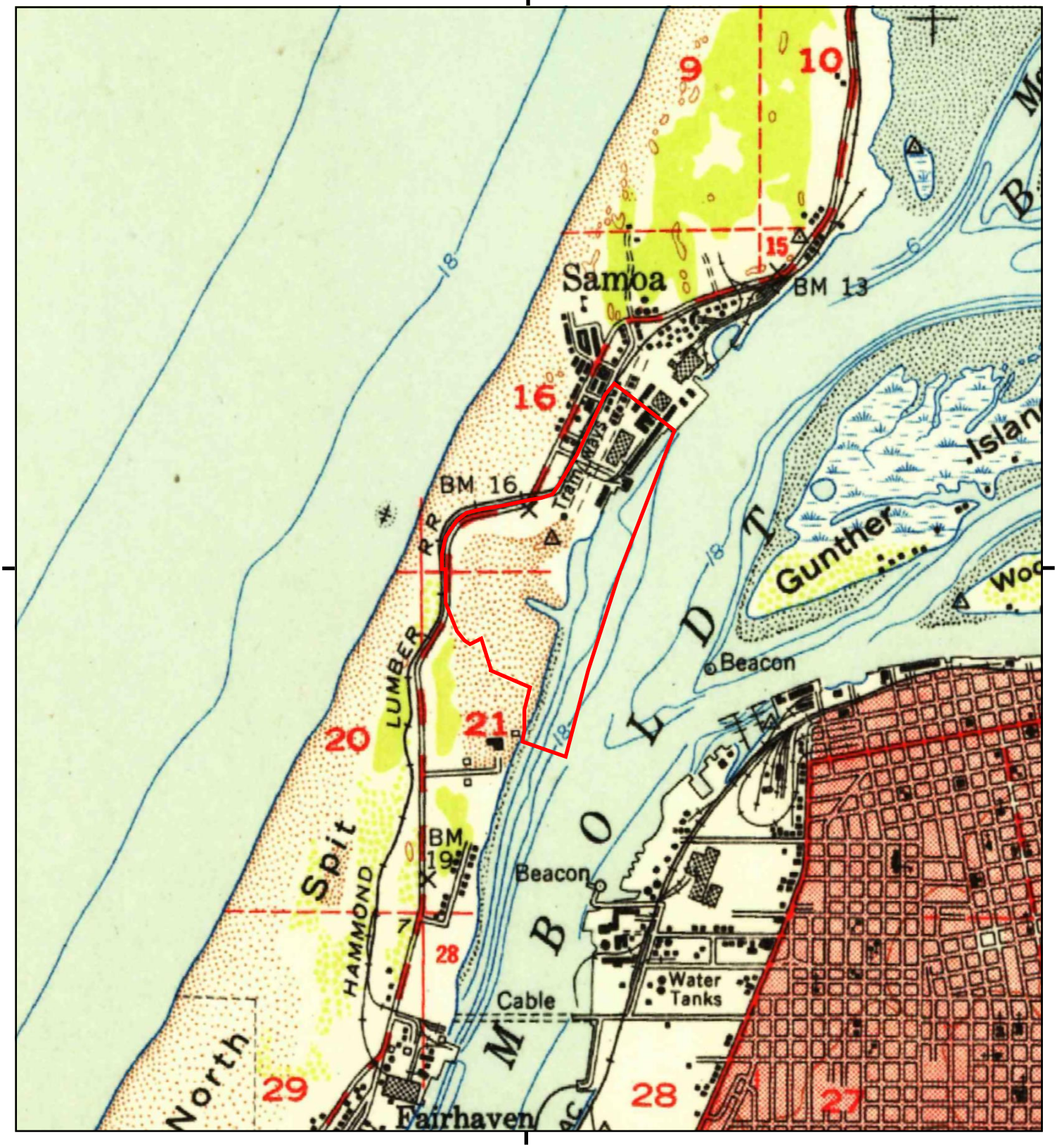
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Eureka, 1958, 7.5-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Sc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N



This report includes information from the following map sheet(s).

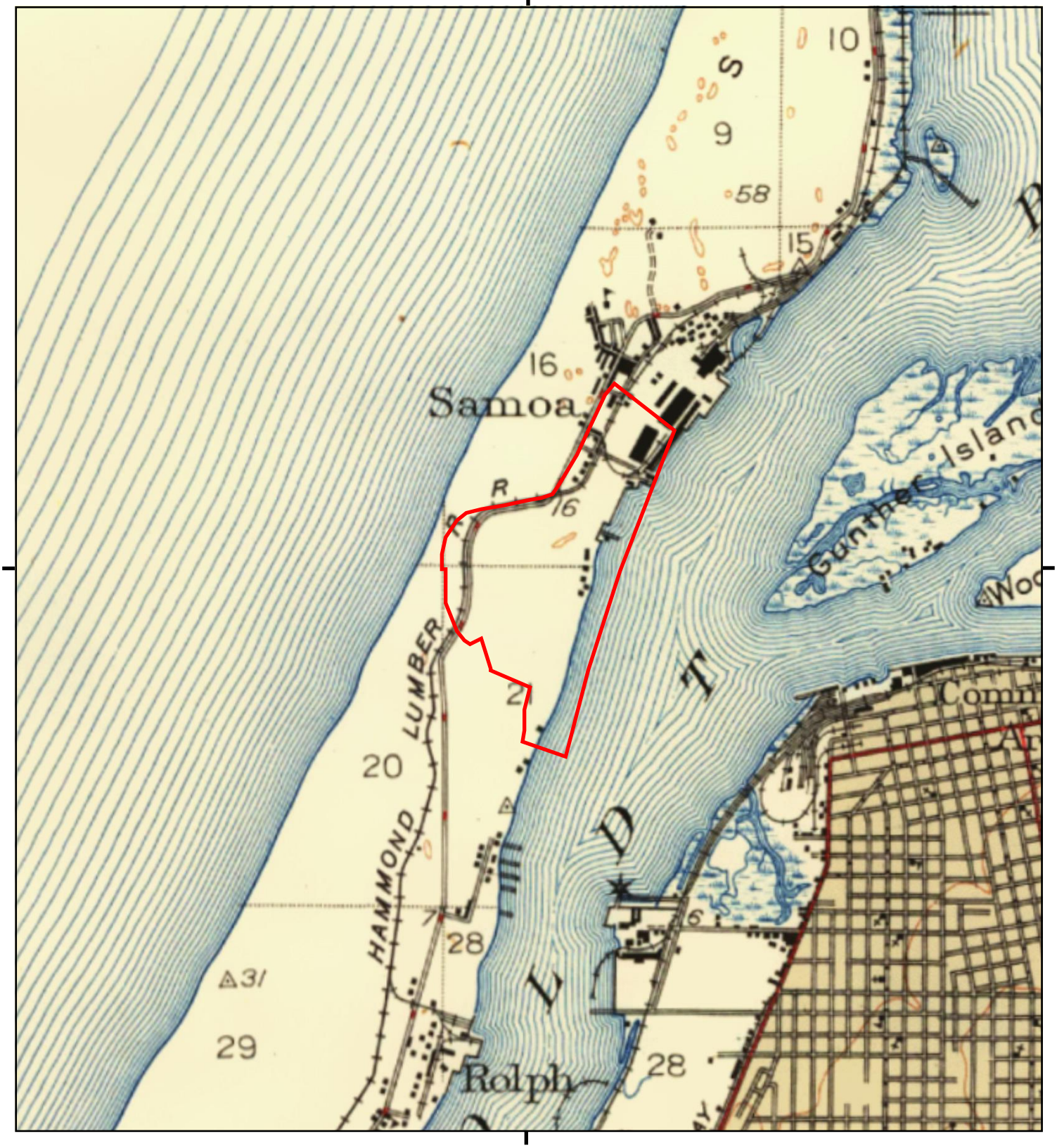
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Eureka, 1951, 15-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Sc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N



This report includes information from the following map sheet(s).

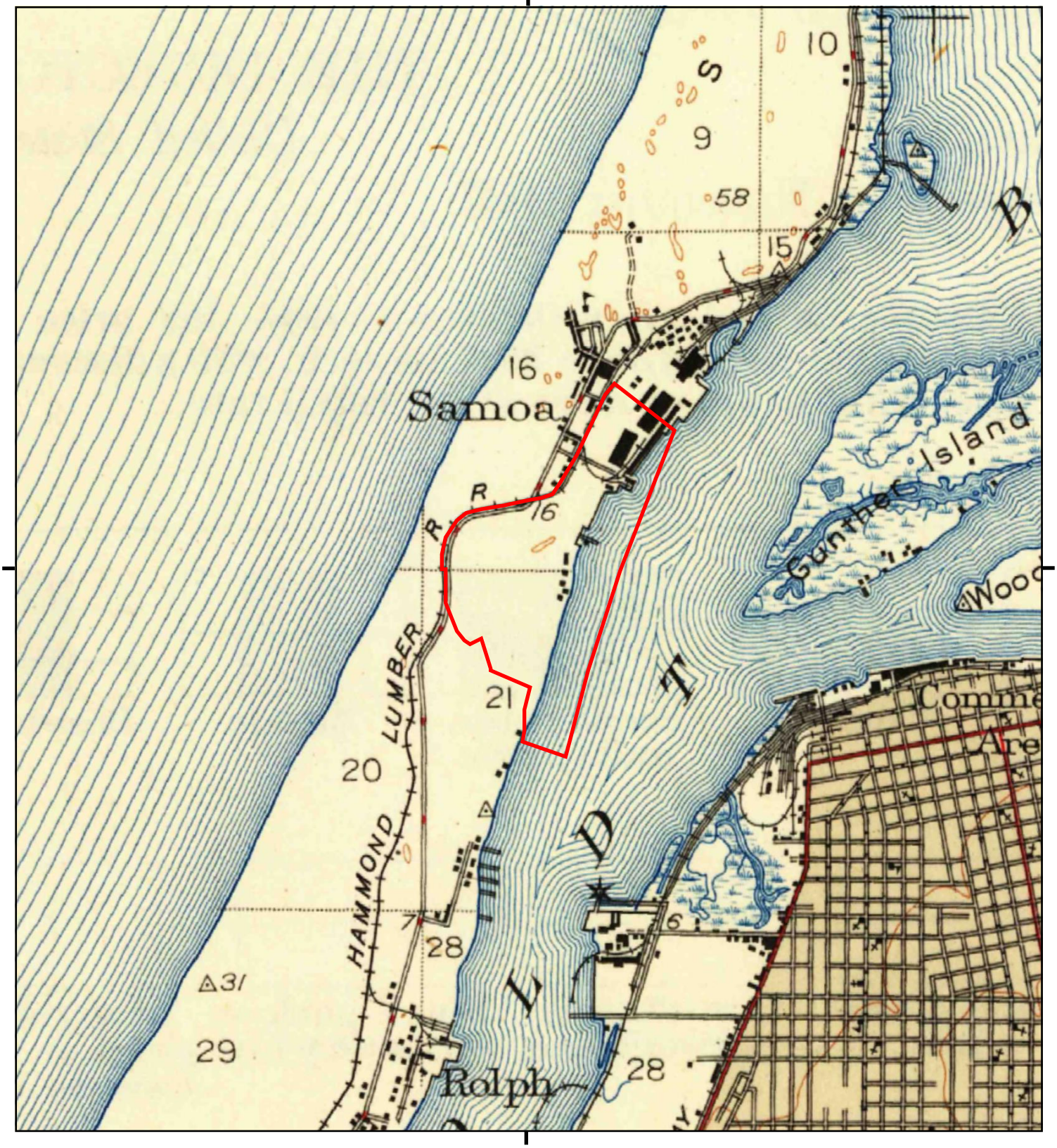
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, EUREKA, 1947, 15-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Sc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N



This report includes information from the following map sheet(s).

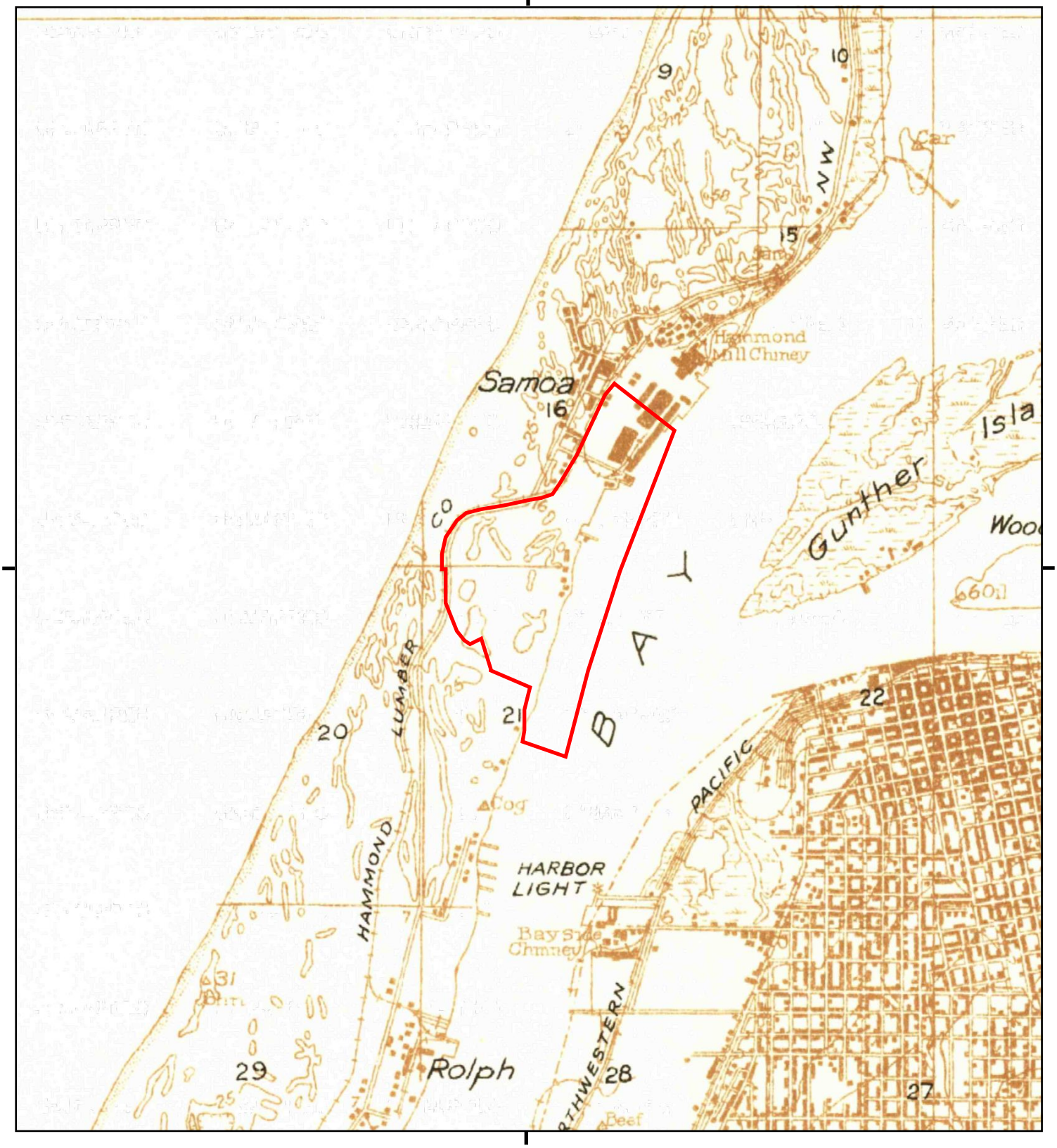
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Eureka, 1942, 15-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Sc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM 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, Eureka, 1933, 15-minute

SITE NAME: Samoa - Redwood Marine Terminal 1- Sc
ADDRESS: Vance Ave
Samoa, CA 95564
CLIENT: Tetra Tech EM Inc.

N

APPENDIX B - 4

HISTORICAL CITY DIRECTORY SEARCH

Samoa - Redwood Marine Terminal 1- North
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802645.5
December 30, 2021

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by
infoUSA®
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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☑	EDR Digital Archive
2014	☑	☑	EDR Digital Archive
2010	☑	☑	EDR Digital Archive
2005	☑	☑	EDR Digital Archive
2000	☑	☑	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1968	☑	☐	POLK DIRECTORY CO
1964	☑	☐	POLK DIRECTORY CO
1961	☑	☐	POLK DIRECTORY CO
1958	☑	☐	POLK DIRECTORY CO

FINDINGS

TARGET PROPERTY STREET

Vance Ave
Samoa, CA 95564

Year	*CD Image*	*Source*	
VANCE AV			
2000	pg A11	EDR Digital Archive	
VANCE AVE			
2017	pg A3	EDR Digital Archive	
2014	pg A5	EDR Digital Archive	
2010	pg A7	EDR Digital Archive	
2005	pg A9	EDR Digital Archive	
1995	pg A12	EDR Digital Archive	
1992	pg A13	EDR Digital Archive	
1968	pg 0	POLK DIRECTORY CO	Street not listed in Source
1964	pg 0	POLK DIRECTORY CO	Street not listed in Source
1961	pg 0	POLK DIRECTORY CO	Street not listed in Source
1958	pg 0	POLK DIRECTORY CO	Street not listed in Source

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
NEW NAVY BASE			
2017	pg. A1	EDR Digital Archive	
NEW NAVY BASE RD			
2017	pg. A2	EDR Digital Archive	
2014	pg. A4	EDR Digital Archive	
2010	pg. A6	EDR Digital Archive	
2005	pg. A8	EDR Digital Archive	
2000	pg. A10	EDR Digital Archive	
1995	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source
1968	-	POLK DIRECTORY CO	Street not listed in Source
1964	-	POLK DIRECTORY CO	Street not listed in Source
1961	-	POLK DIRECTORY CO	Street not listed in Source
1958	-	POLK DIRECTORY CO	Street not listed in Source

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

NEW NAVY BASE 2017

2593 SIERRA PACIFIC INDUSTRIES ARCATA DIV

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

NEW NAVY BASE RD 2017

200	TSR INC
865	OCONNER, JON
900	LOUTTIT, AMY

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AVE 2017

908 SAMOA COOKHOUSE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

NEW NAVY BASE RD 2014

95 OCCUPANT UNKNOWN,
865 OYSTER, BEACH
900 LOUTTIT, AMY

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AVE 2014

7	JACKSON, WARD
	VANFLEET, TIFFANY
9	LEUNG, CHARLES
10	MYERS, DEBORAH
14	TRAXLER, WILLIAM D
17	HUNT, THOMAS D
19	REX, RANDY L
20	MORRIS, EMILY
200	BARNHART, CHARLES
930	KELLOGG, THA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

NEW NAVY BASE RD 2010

855 BADGLEY, LAURENCE
865 OCCUPANT UNKNOWN,
900 MAASHOFF, JULIE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AVE 2010

1	SAMOA MAINTENANCE SHOP
7	VANFLEET, TIFFANY
9	SKILLINGS, RON
10	MILLER, ARLENE K
14	TRAXLER, WILLIAM D
17	HUNT, THOMAS D
19	REX, PHYLLIS M
200	EDWARDS, CHARLES M
555	ARCATA COMMUNITY RECYCLING CTR

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

NEW NAVY BASE RD 2005

855 BADGLEY, LAURENCE
865 OCCUPANT UNKNOWN,
900 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AVE 2005

2	KOENIG, GWEN S
9	HIGGINS, RICK
10	SHCARNBERGER, TATE
17	HUNT, THOMAS D

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

NEW NAVY BASE RD 2000

900 SAMOA AIRPORT BED & BREAKFAST
3000 SAMOA AIRPORT HOSPITALITY HALL

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AV 2000

2	KOENIG, G
4	WYLER, M
7	PETERSEN, DONALD
10	PRATT, G
12	LAWSON, WADE A
13	SHIPLEY, D
15	MCGAHUEY, GERALD
19	REX, DALE R
101	SMITH, JIM
909	SMITH, JOSH

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AVE 1995

4	WILLIAMS, MARK
7	PETERSEN, DONALD
9	SNIDER, EDWIN
10	BELMONTE, MACARIO
15	GIER, MONTE
18	PERLENFEIN, KENNETH
19	REX, DALE R
101	SMITH, JIM
200	MARTIN, FRED R
901	CAL COURTS POOL

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AVE 1992

7	PETERSEN, DONALD
9	SNIDER, EDWIN
10	BELMONTE, MACARIO
14	COSTA, TERESA L
15	VANBUSKIRK, STEPHEN
19	REX, DALE R
101	SMITH, JIM
200	MARTIN, FRED R

Samoa - Redwood Marine Terminal 1- South
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802641.5
December 30, 2021

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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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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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by
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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☑	EDR Digital Archive
2014	☑	☑	EDR Digital Archive
2010	☑	☑	EDR Digital Archive
2005	☑	☑	EDR Digital Archive
2000	☑	☑	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1968	☐	☐	POLK DIRECTORY CO
1964	☐	☐	POLK DIRECTORY CO
1961	☐	☐	POLK DIRECTORY CO
1958	☐	☐	POLK DIRECTORY CO

FINDINGS

TARGET PROPERTY STREET

Vance Ave
Samoa, CA 95564

Year	*CD Image*	*Source*	
VANCE AV			
2000	pg A11	EDR Digital Archive	
VANCE AVE			
2017	pg A3	EDR Digital Archive	
2014	pg A5	EDR Digital Archive	
2010	pg A7	EDR Digital Archive	
2005	pg A9	EDR Digital Archive	
1995	pg A12	EDR Digital Archive	
1992	pg A13	EDR Digital Archive	
1968	-	POLK DIRECTORY CO	Street not listed in Source
1964	-	POLK DIRECTORY CO	Street not listed in Source
1961	-	POLK DIRECTORY CO	Street not listed in Source
1958	-	POLK DIRECTORY CO	Street not listed in Source

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
NEW NAVY BASE			
2017	pg. A1	EDR Digital Archive	
NEW NAVY BASE RD			
2017	pg. A2	EDR Digital Archive	
2014	pg. A4	EDR Digital Archive	
2010	pg. A6	EDR Digital Archive	
2005	pg. A8	EDR Digital Archive	
2000	pg. A10	EDR Digital Archive	
1995	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source
1968	-	POLK DIRECTORY CO	Street not listed in Source
1964	-	POLK DIRECTORY CO	Street not listed in Source
1961	-	POLK DIRECTORY CO	Street not listed in Source
1958	-	POLK DIRECTORY CO	Street not listed in Source

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

NEW NAVY BASE 2017

2593 SIERRA PACIFIC INDUSTRIES ARCATA DIV

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

NEW NAVY BASE RD 2017

200	TSR INC
865	OCONNER, JON
900	LOUTTIT, AMY

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AVE 2017

908 SAMOA COOKHOUSE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

NEW NAVY BASE RD 2014

95 OCCUPANT UNKNOWN,
865 OYSTER, BEACH
900 LOUTTIT, AMY

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AVE 2014

7	JACKSON, WARD
	VANFLEET, TIFFANY
9	LEUNG, CHARLES
10	MYERS, DEBORAH
14	TRAXLER, WILLIAM D
17	HUNT, THOMAS D
19	REX, RANDY L
20	MORRIS, EMILY
200	BARNHART, CHARLES
930	KELLOGG, THA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

NEW NAVY BASE RD 2010

855	BADGLEY, LAURENCE
865	OCCUPANT UNKNOWN,
900	MAASHOFF, JULIE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AVE 2010

1	SAMOA MAINTENANCE SHOP
7	VANFLEET, TIFFANY
9	SKILLINGS, RON
10	MILLER, ARLENE K
14	TRAXLER, WILLIAM D
17	HUNT, THOMAS D
19	REX, PHYLLIS M
200	EDWARDS, CHARLES M
555	ARCATA COMMUNITY RECYCLING CTR

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

NEW NAVY BASE RD 2005

855 BADGLEY, LAURENCE
865 OCCUPANT UNKNOWN,
900 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AVE 2005

2	KOENIG, GWEN S
9	HIGGINS, RICK
10	SHCARNBERGER, TATE
17	HUNT, THOMAS D

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

NEW NAVY BASE RD 2000

900 SAMOA AIRPORT BED & BREAKFAST
3000 SAMOA AIRPORT HOSPITALITY HALL

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AV 2000

2	KOENIG, G
4	WYLER, M
7	PETERSEN, DONALD
10	PRATT, G
12	LAWSON, WADE A
13	SHIPLEY, D
15	MCGAHUEY, GERALD
19	REX, DALE R
101	SMITH, JIM
909	SMITH, JOSH

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AVE 1995

4	WILLIAMS, MARK
7	PETERSEN, DONALD
9	SNIDER, EDWIN
10	BELMONTE, MACARIO
15	GIER, MONTE
18	PERLENFEIN, KENNETH
19	REX, DALE R
101	SMITH, JIM
200	MARTIN, FRED R
901	CAL COURTS POOL

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

VANCE AVE 1992

7	PETERSEN, DONALD
9	SNIDER, EDWIN
10	BELMONTE, MACARIO
14	COSTA, TERESA L
15	VANBUSKIRK, STEPHEN
19	REX, DALE R
101	SMITH, JIM
200	MARTIN, FRED R

APPENDIX C

PHOTO DOCUMENTATION LOG

PHASE I ESA PHOTOGRAPHIC DOCUMENTATION LOG
SAMOA – REDWOOD MARINE TERMINAL 1
SAMOA PACIFIC GROUP
SAMOA, CALIFORNIA

SUBJECT PROPERTY PHOTOGRAPHS

Photo: 1	
Direction: Northwest	
Description: Soil stockpiles on the former lumber mill near the north boundary.	
Date: 1/10/2022	

Photo: 2	
Direction: Northwest	
Description: Recycled steel stockpiles on the former lumber mill near the north boundary.	
Date: 1/10/2022	

PHASE I ESA PHOTOGRAPHIC DOCUMENTATION LOG
SAMOA – REDWOOD MARINE TERMINAL 1
SAMOA PACIFIC GROUP
SAMOA, CALIFORNIA

SURROUNDING AREA PHOTOGRAPHS

Photo: 1	
Direction: North	
Description: Recreational boat facility on the north portion of the former lumber mill.	
Date: 1/10/2022	

Photo: 2	
Direction: Southwest	
Description: Hag Fish Corporation warehouse storage area.	
Date: 1/10/2022	

PHASE I ESA PHOTOGRAPHIC DOCUMENTATION LOG
SAMOA – REDWOOD MARINE TERMINAL 1
SAMOA PACIFIC GROUP
SAMOA, CALIFORNIA

Photo: 3	
Direction: Northeast	
Description: Hag Fish Corporation refrigerated Conex boxes.	
Date: 1/10/2022	

Photo: 4	
Direction: N/A	
Description: Example of a drain inlet seen throughout the former lumber mill.	
Date: 1/10/2022	

Photo: 5	
Direction: Southwest	
Description: Lee Fegis Firewood operation pallets in the north central portion of the former lumber mill.	
Date: 1/10/2022	

Photo: 6	
Direction: Northwest	
Description: Lee Fegis Firewood operation semi-truck parking (shown in background) located in the center of the former lumber mill.	
Date: 1/10/2022	

Photo: 7	
Direction: East	
Description: Remains of the lumber storage dock on the south shoreline boundary of the former lumber mill.	
Date: 1/10/2022	

Photo: 8	
Direction: West	
Description: "Red Tank" water tank and pumphouse on the center of the former lumber mill.	
Date: 1/10/2022	

Photo: 9	
Direction: West	
Description: 200-gallon diesel aboveground storage tank (AST) near the "Red Tank" water tank at the center of the former lumber mill.	
Date: 1/10/2022	

Photo: 10	
Direction: West	
Description: "Red Tank" water tank pumphouse.	
Date: 1/10/2022	

Photo: 11	
Direction: Northwest	
Description: "Red Tank" water tank pumphouse lead batteries used for starting the pump.	
Date: 1/10/2022	

Photo: 12	
Direction: West	
Description: Building foundations of former structures observed throughout the former lumber mill.	
Date: 1/10/2022	

Photo: 13	
Direction: East	
Description: "Ferry Dock" observed at the southern boundary of the former lumber mill.	
Date: 1/10/2022	

Photo: 14	
Direction: West	
Description: Abandoned office building on the southern portion of the former lumber mill. This building was inaccessible during the site visit.	
Date: 1/10/2022	

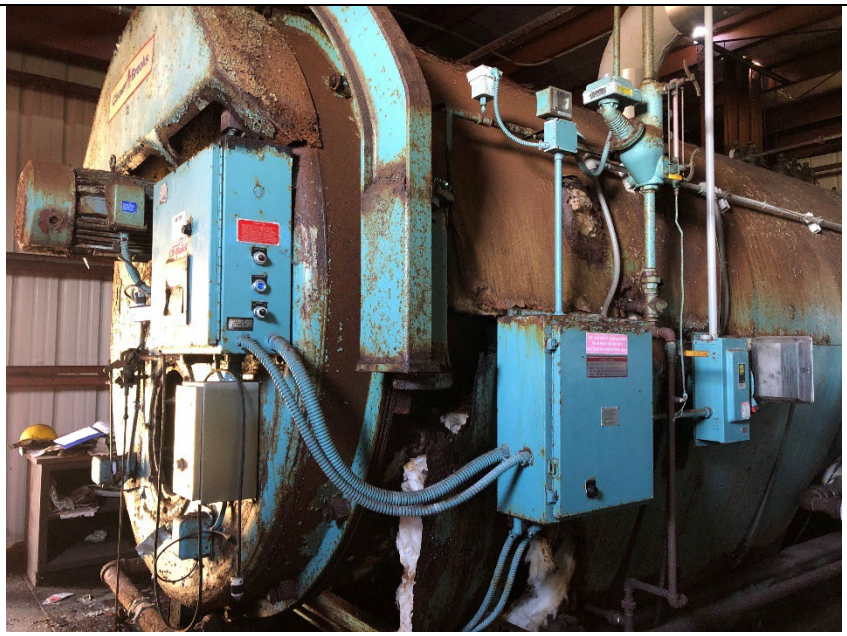
Photo: 15	
Direction: N/A	
Description: Boiler room adjacent to the existing kilns on the southern portion of the former lumber mill.	
Date: 1/10/2022	

Photo: 16	
Direction: N/A	
Description: Transformer room adjacent to the existing kilns on the southern portion of the former lumber mill.	
Date: 1/10/2022	

Photo: 17	
Direction: N/A	
Description: Transformer room adjacent to the existing kilns on the southern portion of the former lumber mill.	
Date: 1/10/2022	

Photo: 18	
Direction: Southwest	
Description: Peat moss storage area and AST on the southern portion of the former lumber mill. This area is operated by Sniper Enterprises and was inaccessible during the site visit.	
Date: 1/10/2022	

Photo: 19	
Direction: Southwest	
Description: Chip sorting building and accessory building (red and white building on the right). The chip sorting building was accessible during the site visit, but the accessory building was not.	
Date: 1/10/2022	

Photo: 20	
Direction: N/A	
Description: "Hazardous Material Storage Area" signage on a door inside the chip sorting building. Lubricating oils label was observed.	
Date: 1/10/2022	

Photo: 21	
Direction: N/A	
Description: Inside the chip sorting building.	
Date: 1/10/2022	

Photo: 22	
Direction: N/A	
Description: Inside the chip sorting building. The drum observed was empty and not labeled.	
Date: 1/10/2022	

Photo: 23	
Direction: North	
Description: "Chemical Dock" on the southern portion of the former lumber mill.	
Date: 1/10/2022	

Photo: 24	
Direction: N/A	
Description: Air compressors inside the chemical dock building. All other areas were used for storage by the fishing operations.	
Date: 1/10/2022	

APPENDIX D

INTERVIEW DOCUMENTATION AND USER-PROVIDED INFORMATION

CONSULTING ENGINEERS
& GEOLOGISTS

John R. Selvage, P.E.
K. Jeff Nelson, P.E.
Roland S. Johnson, Jr. C.E.O.

812 W. Wabash
Eureka, CA 95501-2138
(707) 441-8855
FAX (707) 441-8877

480 Hemsted Drive
Redding, CA 96002-0117
(530) 221-5424
FAX (530) 221-0135

Reference: 099136

August 23, 1999

Mr. Richard Self
Humboldt County Division of Environmental Health
100 H Street, Suite 100
Eureka, CA 95501

SUBJECT: REPORT OF UNDERGROUND STORAGE TANK REMOVAL, SIMPSON, SAMOA WOOD MILL

Dear Mr. Self:

This letter transmits the results of underground storage tank (UST) removal, and subsequent soil and groundwater sampling activities at the Simpson Samoa wood mill, located in Samoa, California. UST removal and soil sampling activities were conducted on July 12, 1999. This letter has been prepared by SHN Consulting Engineers & Geologists, Inc. (SHN).

INTRODUCTION

SHN was retained by Simpson Timber Company (STC) to oversee the removal of one or more underground storage tanks (USTs) and associated piping used to store gasoline. It was unknown at the time how many USTs were present on site. Only one UST was found during the excavation activities. On July 12, 1999, SHN supervised the removal of the UST, which was conducted under permit from the Humboldt County Division of Environmental Health (HCDEH) by North Coast Environmental Construction (NCEC). The permit receipt is presented in Appendix A. A representative from the HCDEH was on site during the UST removal.

OBJECTIVE

The objective of this work was to remove one or more existing fuel USTs, and assess whether or not the site has been impacted as a result of UST operations.

SCOPE OF WORK

The scope of work is presented below and is designed to provide the information needed to meet the objectives of the investigation.

UST Removal

On July 12, 1999, NCEC conducted the uncovering and removal of the gasoline UST at the site, including a triple rinse and clean out of the UST. The rinseate is scheduled to be disposed of by Chico Drain Oil. An inspection of the removed UST revealed that the UST appeared to be intact with no obvious holes or corrosion. A visual inspection of the subsurface soils indicated the presence of petroleum hydrocarbons. Groundwater had discharged into the excavation, and it appeared that the groundwater had been impacted by petroleum hydrocarbons. Mr. Richard Self from the HCDEH was present during the UST removal and inspection activities.

Upon completion of the UST removal, soil samples ES-1 and ES-2 were collected at a depth of approximately 3 feet below ground surface from the east and west excavation sidewalls, respectively. Groundwater had entered the excavation at a depth of approximately 3.5 feet below ground surface. Groundwater sample W-1 was collected from the excavation pit. Each soil sample was analyzed for total petroleum hydrocarbons as gasoline (TPHG), benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tert butyl ether (MTBE), and lead. Groundwater sample W-1 was analyzed for TPHG, BTEX and MTBE. Soil sample ES-2 and water sample W-1 were also analyzed for the following fuel oxygenates and lead scavengers:

Diisopropyl ether (DIPE)	Ethyl-t-butyl ether (ETBE)
Tert-amyl methyl ether (TAME)	Tert-butanol
Methanol	Ethanol
1,2-Dichloroethane (1,2-DCA)	Chlorobenzene
1,2-Dichlorobenzene (1,2-DCB)	1,3-Dichlorobenzene (1,3-DCB)
1,4-Dichlorobenzene (1,4-DCB)	1,2-Dibromomethane

The excavation was subsequently backfilled with clean fill material, and compacted. The UST was transported to Hansen Scrap Metal in Fortuna, California for disposal. A copy of the Certificate of Disposal is presented in Appendix B.

Laboratory Analysis

The sample analytical suite and methods are:

Analyte	**Analytical Method**
TPHG	EPA Method No. 3050 or 8015B
BTEX	EPA Method No. 8020 or 8260B
MTBE	EPA Method No. 8020
Fuel oxygenates	EPA Method No. 8260B
Lead Scavengers	EPA Method No. 8260B
Lead	EPA Method No. 200.9

UST REMOVAL RESULTS

A gravely fill material extended from the ground surface to the bottom of the excavation at approximately 5 feet BGS.

An inspection of the UST indicated that the UST was intact with no obvious holes or degradation of the UST surface.

TPHG, components of BTEX, and the fuel oxygenates tert-butanol and ethanol were detected in soil sample ES-2. No other fuel oxygenates or lead scavengers were detected in the soil sample analyzed. TPHG and components of BTEX were also detected in soil sample ES-1. A lead concentration of 20 milligrams per kilogram was detected in soil sample ES-1. The lead concentration appears to be representative of natural background concentrations. Soil analytical results are presented in Table 1. Laboratory analytical reports are presented in Appendix C.

TPHG, BTEX, and the fuel oxygenate methanol were detected in water sample W-1. No other fuel oxygenates or lead scavengers were detected in groundwater sample W-1. Groundwater analytical results are presented in Table 1. Laboratory analytical reports are presented in Appendix C.

CONCLUSIONS

As part of this UST removal program, the following tasks have been accomplished:

- Removal of UST.
- Proper cleaning of UST.
- Proper disposal of the UST.
- Collection and analysis of soil and water samples from the UST excavation.
- Proper backfill of the UST excavation.

Results of the soil and water sample analyses indicate that subsurface soil and groundwater have been impacted as a result of activities related to the operation of the gasoline UST at the site.

Please do not hesitate to contact me at (707) 441-8855 with any questions you may have.

Sincerely,

SHN Consulting Engineers & Geologists, Inc.

Frans Lowman, R. G.
Senior Project Hydrologist
FL:lms
Enclosures (4)
cc w/encl: Mr. Rob Ricci, Simpson Timber Company

REGISTERED PROFESSIONAL GEOLOGIST
FRANS BARTON LOWMAN
NO. 6705
Exp. 6/30/01
STATE OF CALIFORNIA

G:\1999\099136\rpt\Simpson-Samoa-UST.ltr.doc

Table 1
Soil and Groundwater Analytical Results
Simpson UST Removal, Samoa, CA
(soil - ug/g, water - ug/l)

Sample Location	Sample Date	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]	TB[4]	M[5]	ETH[6]	Lead[7]
Soil											
ES-1	07/12/99	990	3.1	<8.0[8]	8.3	1.6	<5.0	NA[9]	NA	NA	18
ES-2	07/12/99	760	0.0085	0.0063	<0.005	0.16	<0.005	0.017	<0.20	0.22	NA
Water											
W-1	07/12/99	17,000	2,300	64	550	67	<5.0	<50	870	<50	NA

Notes:
1) TPHG - Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX - Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE - Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) TB - Tert-butanol, analyzed in accordance with EPA Method No. 8260B.
5) M - Methanol, analyzed in accordance with EPA Method No. 8260B.
6) ETH - Ethanol, analyzed in accordance with EPA Method No. 8260B.
7) Lead - Analyzed in accordance with EPA Method No. 200.9, reported in micrograms per gram.
8) "<" - Denotes "less than".
9) NA - Not analyzed.

APPENDIX A

UST REMOVAL RECEIPT

Humboldt County
Department of Public Health № 203354

DATE	NAME	CASH	CHECK
6 23 99	Northcoast Env. Const.		880 —

PROGRAM Tank Removal (3) #3983

Simpson Timber (formerly LP)
1 Jim Smith Rd. Samoa
Ale # 94

Received By N. Crawford

AMOUNT OF ACCT.		
AMOUNT PAID	880 —	
BAL DUE		

APPENDIX B

UST DISPOSAL CERTIFICATE

62734

HANSEN TRUCK STOP, INC.
2404 Sandy Prairie Road
Fortuna, CA 95540
(707) 725-2774

24 940
2/260 Tare
2680 Net

Customer's Order No. _____ Date 8/4 19 99

Name NORTHCOAST ENV.

Address CARLOTTA

SCRAP METAL FROM TANKS

SOLD BY	CASH	C.O.D	CHARGE	ON ACCT.	MDSE. RET'D.	PAID OUT	

QUAN	DESCRIPTION	PRICE	AMOUNT
1-500	WEIGHTED STEEL		
2-1000			
2 750	HANGERS STEEL		
1-500			
A 1-1000	SMOKERS SCRAP		
2-550	RANGE BOOT SCRAP		
2-2000	SALES TAX		
	TOTAL		

All claims and returned goods MUST be accompanied by this bill.

RECD BY _____

504 D

APPENDIX C

LABORATORY ANALYTICAL RESULTS

NORTH COAST LABORATORIES LTD.

August 04, 1999

Simpson Timber Company
P.O. Box 1089
Arcata, CA 955181089

REC'D AUG 05 1999

Order No.: 9907240
Invoice No.: 416
PO No.:

Attn: Rob Ricci

RE: 099136/Simpson Samoa UST

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	ES-1
02A	ES-2

REPORT CERTIFIED BY

Laboratory Supervisor(s) — Tiffany Yost for LT — QA Officer — Jesse G. Chaney, Jr., Laboratory Director

CLIENT: Simpson Timber Company
Project: 099136/Simpson Samoa UST
Lab Order: 9907240

CASE NARRATIVE

ES-1 does not have the typical pattern of fresh gasoline. However, the result reported represents the amount of material in the gasoline range.

Some BTXE reporting limits were raised for ES-1 due to matrix interference.

NORTH COAST LABORATORIES
5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831

Date: 04-Aug-99
WorkOrder: 9907240

ANALYTICAL REPORT

Client Sample ID: ES-1 **Received:** 7/12/99 **Collected:** 7/12/99 0:00
Lab ID: 9907240-01A
Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	990	100	µg/g	100	7/14/99	7/15/99

Client Sample ID: ES-1 **Received:** 7/12/99 **Collected:** 7/12/99 0:00
Lab ID: 9907240-01A
Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	5.0	µg/g	100	7/14/99	7/15/99
Benzene	3.1	0.50	µg/g	100	7/14/99	7/15/99
Toluene	ND	8.0	µg/g	100	7/14/99	7/15/99
Ethlybenzene	8.3	0.50	µg/g	100	7/14/99	7/15/99
m,p-Xylene	1.6	0.50	µg/g	100	7/14/99	7/15/99
o-Xylene	ND	3.0	µg/g	100	7/14/99	7/15/99
Surrogate: Cis-1,2-Dichloroethylene	82.2	N/A	% Rec	100	7/14/99	7/15/99

Client Sample ID: ES-2 **Received:** 7/12/99 **Collected:** 7/12/99 0:00
Lab ID: 9907240-02A
Test Name: Lead **Reference:** EPA 200.9

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Lead	18	2.0	µg/g	4.0	7/15/99	7/19/99

NORTH COAST LABORATORIES
5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831

North Coast Laboratories, Ltd.

Date: 04-Aug-99

CLIENT: Simpson Timber Company
Work Order: 9907240
Project: 099136/Simpson Samoa UST

QC SUMMARY REPORT
Method Blank

Sample ID: **MB-201A** Batch ID: **201** Test Code: **ARSENS** Units: **µg/g** Analysis Date: **7/20/99 6:32:00 PM** Prep Date: **7/15/99**

Client ID: Run ID: **INAA2_990720D** SeqNo: **7899**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0									J

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Simpson Timber Company
Work Order: 9907240
Project: 099136/Simpson Samoa UST

QC SUMMARY REPORT
Method Blank

Sample ID: **MB-190** Batch ID: **190** Test Code: **BTXES** Units: **µg/g** Analysis Date: **7/14/99 10:16:13 PM** Prep Date: **7/14/99**
Client ID: Run ID: **ORGC8_990714B** SeqNo: **6578**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	ND	0.050									J
Benzene	ND	0.0050									J
Toluene	ND	0.0050									J
Ethlybenzene	ND	0.0050									J
m,p-Xylene	ND	0.0050									J
o-Xylene	ND	0.0050									
Cis-1,2-Dichloroethylene	0.871	0	1.00	0	87.1%	62	125				

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Simpson Timber Company
Work Order: 9907240
Project: 099136/Simpson Samoa UST

QC SUMMARY REPORT
Method Blank

Sample ID: **MB-201P** Batch ID: **201** Test Code: **ICPS** Units: **ug/g** Analysis Date: **7/26/99 1:52:00 PM** Prep Date: **7/15/99**
Client ID: Run ID: **INICP1_990726B** SeqNo: **9517**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.3000	20									J
Antimony	ND	20									
Arsenic	ND	50									
Barium	ND	1.0									
Beryllium	ND	0.50									
Cadmium	ND	2.0									
Calcium	ND	100									
Chromium	0.2700	2.0									J
Cobalt	ND	2.0									
Copper	0.1800	2.0									J
Iron	ND	5.0									
Lead	ND	20									
Magnesium	3.040	20									J
Manganese	ND	1.0									
Molybdenum	ND	3.0									
Nickel	ND	5.0									
Potassium	31.19	100									J
Selenium	ND	50									
Silver	0.3100	2.0									J
Sodium	ND	100									
Thallium	ND	100									
Vanadium	ND	2.0									
Zinc	ND	5.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Simpson Timber Company
Work Order: 9907240
Project: 099136/Simpson Samoa UST

QC SUMMARY REPORT
Method Blank

Sample ID: **MB-201A** Batch ID: **201** Test Code: **LEADUS** Units: **µg/g** Analysis Date: **7/19/99 3:25:00 PM** Prep Date: **7/15/99**
Client ID: Run ID: **INAA2_990719A** SeqNo: **7532**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.05200	2.0									J

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Simpson Timber Company
Work Order: 9907240
Project: 099136/Simpson Samoa UST

QC SUMMARY REPORT
Method Blank

Sample ID: **MB-201A** Batch ID: **201** Test Code: **SELENS** Units: **µg/g** Analysis Date: **7/21/99 3:51:00 PM** Prep Date: **7/15/99**
Client ID: Run ID: **INAA2_990721D** SeqNo: **8277**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	ND	1.0									J

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Simpson Timber Company
Work Order: 9907240
Project: 099136/Simpson Samoa UST

QC SUMMARY REPORT
Method Blank

Sample ID: **MB-190** Batch ID: **190** Test Code: **TPHCGS** Units: **µg/g** Analysis Date: **7/14/99 10:16:13 PM** Prep Date: **7/14/99**
Client ID: Run ID: **ORGC8_990714A** SeqNo: **6571**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas	ND	1.0									J

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 04-Aug-99

CLIENT: Simpson Timber Company
Work Order: 9907240
Project: 099136/Simpson Samoa UST

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS-201A** Batch ID: **201** Test Code: **ARSENS** Units: **µg/g** Analysis Date: **7/20/99 6:38:00 PM** Prep Date: **7/15/99**

Client ID: Run ID: **INAA2_990720D** SeqNo: **7900**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.486	1.0	2.00	0	124%	85	115				S

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Simpson Timber Company
Work Order: 9907240
Project: 099136/Simpson Samoa UST

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: **LCS-190** Batch ID: **190** Test Code: **BTXES** Units: **µg/g** Analysis Date: **7/14/99 5:18:45 PM** Prep Date: **7/14/99**
Client ID: Run ID: **ORGC8_990714B** SeqNo: **6576**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	0.4217	0.050	0.400	0	105%	70	120				
Benzene	0.04743	0.0050	0.0500	0	94.9%	59	135				
Toluene	0.04792	0.0050	0.0500	0	95.8%	33	157				
Ethlybenzene	0.04799	0.0050	0.0500	0	96.0%	46	156				
m,p-Xylene	0.1008	0.0050	0.100	0	101%	46	168				
o-Xylene	0.05111	0.0050	0.0500	0	102%	36	194				
Cis-1,2-Dichloroethylene	0.740	0	1.00	0	74.0%	62	125				

Sample ID: **LCSD-190** Batch ID: **190** Test Code: **BTXES** Units: **µg/g** Analysis Date: **7/14/99 5:56:15 PM** Prep Date: **7/14/99**
Client ID: Run ID: **ORGC8_990714B** SeqNo: **6577**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	0.4328	0.050	0.400	0	108%	70	120	0.422	2.60%	20	
Benzene	0.04740	0.0050	0.0500	0	94.8%	59	135	0.0474	0.0656%	53	
Toluene	0.05084	0.0050	0.0500	0	102%	33	157	0.0479	5.91%	59	
Ethlybenzene	0.05003	0.0050	0.0500	0	100%	46	156	0.0480	4.17%	55	
m,p-Xylene	0.1048	0.0050	0.100	0	105%	46	168	0.101	3.92%	50	
o-Xylene	0.05323	0.0050	0.0500	0	106%	36	194	0.0511	4.07%	54	
Cis-1,2-Dichloroethylene	0.889	0	1.00	0	88.9%	62	125	0.740	18.3%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Simpson Timber Company
Work Order: 9907240
Project: 099136/Simpson Samoa UST

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: **LCS-201P** Batch ID: **201** Test Code: **ICPS** Units: **ug/g** Analysis Date: **7/26/99 1:58:00 PM** Prep Date: **7/15/99**
Client ID: Run ID: **INICP1_990726B** SeqNo: **9518**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	99.75	20	100	0.300	99.4%	85	115				
Antimony	103.5	20	100	0	104%	85	115				
Arsenic	103.3	50	100	0	103%	85	115				
Barium	96.60	1.0	100	0	96.6%	85	115				
Beryllium	100.2	0.50	100	0	100%	85	115				
Cadmium	102.8	2.0	100	0	103%	85	115				
Calcium	521.3	100	500	0	104%	85	115				
Chromium	100.5	2.0	100	0.270	100%	85	115				
Cobalt	100.7	2.0	100	0	101%	85	115				
Copper	97.39	2.0	100	0.180	97.2%	85	115				
Iron	99.64	5.0	100	0	99.6%	85	115				
Lead	101.2	20	100	0	101%	85	115				
Magnesium	500.4	20	500	3.04	99.5%	85	115				
Manganese	99.23	1.0	100	0	99.2%	85	115				
Molybdenum	100.6	3.0	100	0	101%	85	115				
Nickel	101.5	5.0	100	0	101%	85	115				
Potassium	512.2	100	500	31.2	96.2%	85	115				
Selenium	101.5	50	100	0	102%	85	115				
Silver	10.34	2.0	10.0	0.310	100%	85	115				
Sodium	502.1	100	500	0	100%	85	115				
Thallium	96.70	100	100	0	96.7%	85	115				J
Vanadium	98.36	2.0	100	0	98.4%	85	115				
Zinc	101.6	5.0	100	0	102%	85	115				

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Simpson Timber Company
Work Order: 9907240
Project: 099136/Simpson Samoa UST

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: **LCS-201A** Batch ID: **201** Test Code: **LEADUS** Units: **µg/g** Analysis Date: **7/19/99 3:32:00 PM** Prep Date: **7/15/99**
Client ID: Run ID: **INAA2_990719A** SeqNo: **7533**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.288	2.0	4.00	0.0520	106%	85	115				

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Simpson Timber Company
Work Order: 9907240
Project: 099136/Simpson Samoa UST

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: **LCS-201A** Batch ID: **201** Test Code: **SELENS** Units: **µg/g** Analysis Date: **7/21/99 3:57:00 PM** Prep Date: **7/15/99**
Client ID: Run ID: **INAA2_990721D** SeqNo: **8278**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	1.764	1.0	2.00	0	88.2%	85	115				

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Simpson Timber Company
Work Order: 9907240
Project: 099136/Simpson Samoa UST

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: **LCS-190G** Batch ID: **190** Test Code: **TPHCGS** Units: **µg/g** Analysis Date: **7/14/99 7:47:35 PM** Prep Date: **7/14/99**
Client ID: Run ID: **ORGC8_990714A** SeqNo: **6569**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas	12.51	1.0	10.0	0	125%	42	181				

Sample ID: **LCSD-190G** Batch ID: **190** Test Code: **TPHCGS** Units: **µg/g** Analysis Date: **7/14/99 8:26:22 PM** Prep Date: **7/14/99**
Client ID: Run ID: **ORGC8_990714A** SeqNo: **6570**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas	12.05	1.0	10.0	0	120%	42	181	12.5	3.80%	25	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata, CA 95521-9202
707-822-4649 • FAX 707-822-6831

Chain of Custody

LABORATORY NUMBER: 9907240

Attention: Frans Lawmon, SHN
Results & Invoice to: Frans Lawmon
Address: SHN 812 W. Wabash Eureka, CA 95501
Phone: 441-8855
Copies of Report to: Richard Self - HCDEH
Sampler (Sign & Print): F. Lawmon

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☒ STD (2–3 Wk) ☐ Other: _____
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By: __/__/__
Final Report: FAX ☐ Verbal ☐ By: __/__/__

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

PROJECT INFORMATION

Project Number: 099136
Project Name: Simpson Samoa UST
Purchase Order Number: _____

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	CONTAINER	PRESERVATIVE	ANALYSIS: TPHG, BTEX, MTBE	8260 for 7 oxygenates	Lead Scavengers	Lead
	ES-1	7/12/99		SOIL	3	a	X			
	ES-2	7/12/99		SOIL	3	a	X	X	X	X
	W-1	7/12/99		water	1	b	X	X	X	(X)

Sample not included as per FL/LM

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

Note: For Samples ES-2 and W-1, combine TPHG and BTEX as part of 8260 analysis

Switch billing to Arco as per FL/LM

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
F. B. Lawmon	7/12/99	Corey Anderson	7/12/99 1556

SAMPLE DISPOSAL
☐ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA _____
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

KIFF ANALYTICAL LLC

Report Number : 14582
Date : 08/04/99

REC'D AUG 11 1999

Loretta Tomlin
North Coast Laboratories
5680 West End Road
Arcata, CA 95521

Subject : 1 Water and 1 Soil Sample
Project Name :
Project Number : 9907239

Dear Ms. Tomlin,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 14582
Date : 08/04/99

Subject : 1 Water and 1 Soil Sample
Project Name :
Project Number : 9907239

Case Narrative

The Method Reporting Limit for Chlorobenzene is increased due to interference from Gasoline-range hydrocarbons.

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 916-297-4800

KIFF ANALYTICAL LLC

Report Number : 14582

Date : 08/04/99

Project Name :

Project Number : **9907239**

Sample : **ES-2**

Matrix : Soil

Sample Date :07/12/99

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**0.0085**	0.0050	mg/Kg	EPA 8260B	07/23/99
Toluene	**0.0063**	0.0050	mg/Kg	EPA 8260B	07/23/99
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	07/23/99
Total Xylenes	**0.16**	0.0050	mg/Kg	EPA 8260B	07/23/99
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	07/23/99
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	07/23/99
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	07/23/99
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	07/23/99
Tert-Butanol	**0.017**	0.0050	mg/Kg	EPA 8260B	07/23/99
Methanol	**< 0.20**	0.20	mg/Kg	Mod EPA 8260	07/23/99
Ethanol	**0.22**	0.020	mg/Kg	Mod EPA 8260	07/23/99
TPH as Gasoline	**760**	20	mg/Kg	EPA 8260B	07/27/99
4-Bromofluorobenzene (Surr)	89.4		% Recovery	Mod EPA 8260	07/23/99
1,2-Dichlorobenzene-d4 (Surr)	107		% Recovery	Mod EPA 8260	07/23/99
1,2-Dichloroethane	**< 0.010**	0.010	mg/Kg	EPA 8260B	07/23/99
Chlorobenzene	**< 0.020**	0.020	mg/Kg	EPA 8260B	07/23/99
1,3-Dichlorobenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	07/23/99
1,4-Dichlorobenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	07/23/99
1,2-Dichlorobenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	07/23/99
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	07/23/99
Toluene - d8 (Surr)	89.2		% Recovery	EPA 8260B	07/23/99
Dibromofluoromethane (Surr)	74.8		% Recovery	EPA 8260B	07/23/99
1,2-Dichloroethane-d4 (Surr)	65.7		% Recovery	EPA 8260B	07/23/99

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 14582

Date : 08/04/99

Project Name :

Project Number : **9907239**

Sample : **W-1**

Matrix : Water

Sample Date :07/12/99

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**2300**	50	ug/L	EPA 8260B	07/23/99
Toluene	**64**	5.0	ug/L	EPA 8260B	07/27/99
Ethylbenzene	**550**	50	ug/L	EPA 8260B	07/23/99
Total Xylenes	**67**	50	ug/L	EPA 8260B	07/23/99
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	07/27/99
Diisopropyl ether (DIPE)	**< 5.0**	5.0	ug/L	EPA 8260B	07/27/99
Ethyl-t-butyl ether (ETBE)	**< 5.0**	5.0	ug/L	EPA 8260B	07/27/99
Tert-amyl methyl ether (TAME)	**< 5.0**	5.0	ug/L	EPA 8260B	07/27/99
Tert-Butanol	**< 50**	50	ug/L	EPA 8260B	07/27/99
Methanol	**870**	500	ug/L	Mod EPA 8260	07/27/99
Ethanol	**< 50**	50	ug/L	Mod EPA 8260	07/27/99
TPH as Gasoline	**17000**	500	ug/L	EPA 8260B	07/27/99
4-Bromofluorobenzene (Surr)	96.6		% Recovery	Mod EPA 8260	07/27/99
1,2-Dichlorobenzene-d4 (Surr)	98.8		% Recovery	Mod EPA 8260	07/27/99
1,2-Dichloroethane	**< 5.0**	5.0	ug/L	EPA 8260B	07/27/99
Chlorobenzene	**< 5.0**	5.0	ug/L	EPA 8260B	07/27/99
1,3-Dichlorobenzene	**< 5.0**	5.0	ug/L	EPA 8260B	07/27/99
1,4-Dichlorobenzene	**< 5.0**	5.0	ug/L	EPA 8260B	07/27/99
1,2-Dichlorobenzene	**< 5.0**	5.0	ug/L	EPA 8260B	07/27/99
1,2-Dibromoethane	**< 5.0**	5.0	ug/L	EPA 8260B	07/27/99
Toluene - d8 (Surr)	90.3		% Recovery	EPA 8260B	07/27/99
Dibromofluoromethane (Surr)	88.1		% Recovery	EPA 8260B	07/27/99
1,2-Dichloroethane-d4 (Surr)	94.1		% Recovery	EPA 8260B	07/27/99

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

14582

Page 1 of 1

NORTH COAST LABORATORIES LTD.

Sub-Contract
Chain of Custody Record

Date Shipped: 7/13/99 **Carrier:** Airborne

Air Bill #: _____ **Cooler #:** _____

Subcontractor:	Kiff Analytical 720 Olive Dr., Ste D Davis, CA 95616	**Send Results to:**	North Coast Labs 5680 West End Road Arcata, CA 95521
Phone:	530-297-4800		Attn: Loretta Tomlin
Attention Line:	Sample Receiving		(707) 822-4649

Jay Tan	1700 07/13/99		
Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time
Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time
		Andrea Christerson/KIFF	7/14/99 0920
Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time

Analysis Request

NCL Sample #:	Sample ID:	Date Sampled:	Analysis:	Sample Condition:
4582-01 9907239-1A	ES-2	7/12/99	Gas, BTXE, 7 Oxygenates, PB Scav's/Soil	
-02 9907239-2A	W-1	7/12/99	Gas, BTXE, 7 Oxygenates, PB Scav's/Water	

Special Instructions: Please include QC Data . Samples received via Airborne Express @ 21°C

ANC 7/16/99 1025

Date Due: 7/26/99 / std. TAT **Rush Charges Authorized:** no **Preservative:** H_2O : HCl

Return Chain of Custody to NCL

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata, CA 95521-9202
707-822-4649 • FAX 707-822-6831

Chain of Custody

LABORATORY NUMBER: 9907239

Attention: Frans Lawman, SHN
Results & Invoice to: Frans Lawman
Address: SHN 812 W. Wabash
Eureka CA 95501
Phone: 441-8855
Copies of Report to: Richard Self - NCDEH
Sampler (Sign & Print): F. Lawman

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☒ STD (2–3 Wk) ☐ Other: _____
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By: __/__/__
Final Report: FAX ☐ Verbal ☐ By: __/__/__

PROJECT INFORMATION
Project Number: 099136
Project Name: Simpson Samoa CST
Purchase Order Number: _____

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	CONTAINER	PRESERVATIVE	ANALYSIS: TPHG, BTEX, MTBE	ANALYSIS: 8260 for 7 oxygenates	ANALYSIS: Lead Scavengers	ANALYSIS: Lead
	ES-1	7/12/99		Soil	1 tube		X			
	ES-2	7/12/99		Soil	2 tube	HCl	X	X	X	X
	W-1	7/12/99		water	3x9	HCl	X	X	X	X

Sample not collected as per FL/LM - 7/13/99

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

Note, For Samples ES-2 and W-1, combine TPHG and BTEX as part of 8260 analysis

Change billing and report to to Arcata Redwood, Attn Rob Ricci as per FL/LM - 7/13/99

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
F. B. Lawman	7/12/99	Corey Anderson	7/12/99 1555

SAMPLE DISPOSAL
☐ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA _____
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

Reference: 000060

RWQCB
REGION 1
AUG 25 2000
LAM CRJ FCR
RLT SAW KAD
LMF

Ko 10/5/00

PRELIMINARY SITE INVESTIGATION
REPORT OF FINDINGS
FORMER ABOVEGROUND DIESEL STORAGE TANK
SIMPSON TIMBER COMPANY
SAMOA FACILITY, SAMOA, CALIFORNIA
RWQCB CASE NO. 1NHU764

Prepared for:

SIMPSON TIMBER COMPANY
P.O. BOX 68
KORBEL, CALIFORNIA 95550-0068

Prepared by:

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REGISTERED PROFESSIONAL GEOLOGIST
FRANS BARTON LOWMAN
NO. 6705
Exp. 6/30/01
STATE OF CALIFORNIA

August 2000

QA/QC:JJA

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1.0 INTRODUCTION

Presented herein is a report of findings discussing the results of a preliminary site investigation conducted at the former aboveground diesel storage tank (AST) and truck fueling area at the north end of the Simpson Timber Company (STC) Samoa Facility, Samoa, California, Figure 1. This report of findings was prepared by SHN Consulting Engineers & Geologists, Inc. (SHN), on behalf of STC.

The subject site is the location of two former 10,000-gallon steel diesel ASTs used to fuel equipment and vehicles. In the fall of 1998, the two 10,000-gallon tanks were removed from the site.

2.0 OBJECTIVE

The objective of this work was to conduct a well point investigation at the site, including the collection of soil and groundwater samples for laboratory analysis, in order to identify the presence and extent of petroleum hydrocarbon contamination.

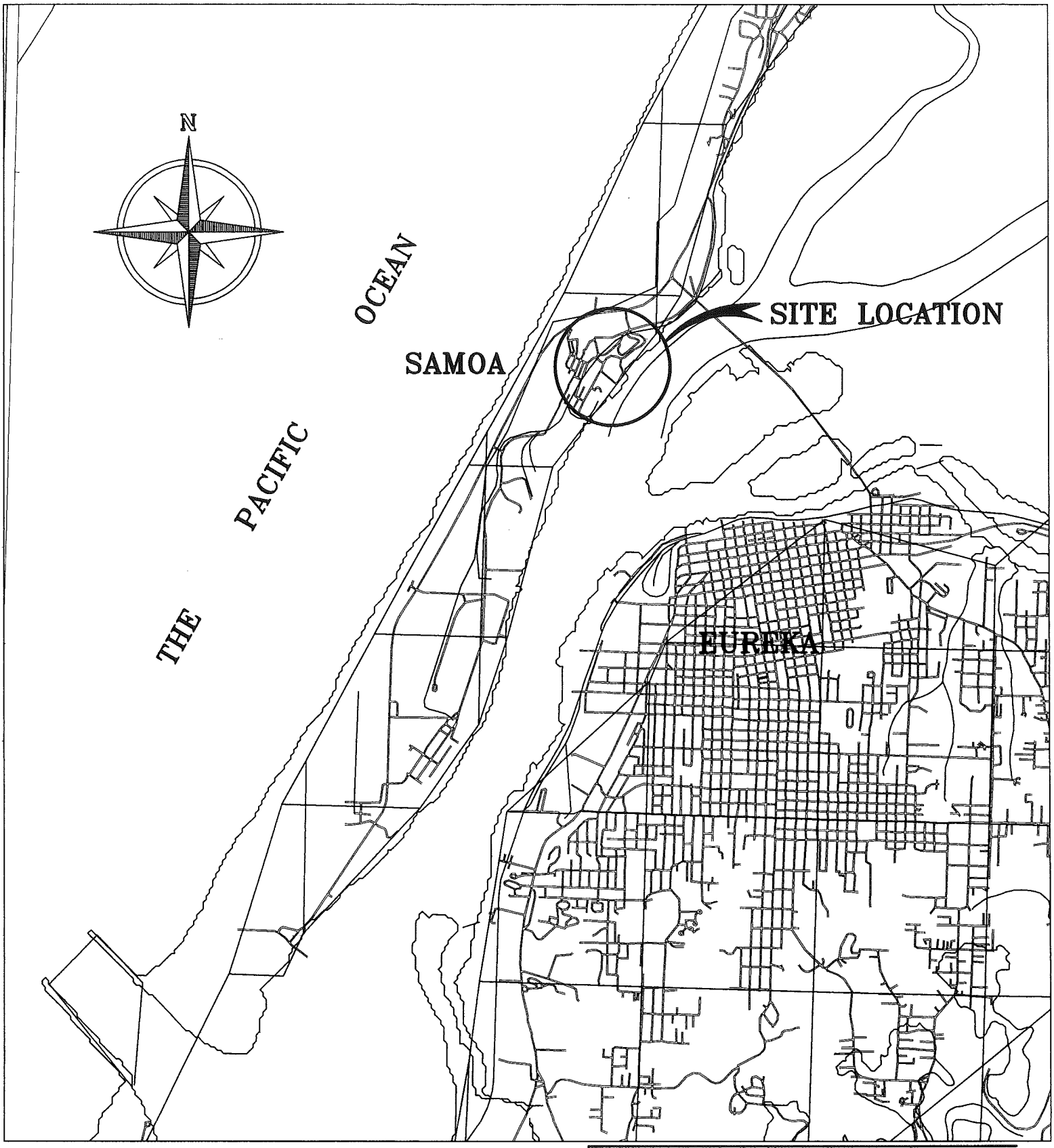
3.0 SCOPE OF WORK

The scope of work is presented below and was designed to provide the information needed to meet the objective of this investigation.

- drilling and sampling of 10 soil borings,
- installation and sampling of 9 temporary well points,
- surveying well points for location and relative elevation,
- laboratory analysis of soil and groundwater samples, and
- preparation of this report of findings,

3.1 Soil Boring and Sampling

Ten (10) soil borings (WP-1 to WP-10) were drilled and sampled in the subject site area utilizing a truck-mounted Geoprobe® unit. Nine soil borings had been proposed, however, based on field conditions, an additional boring (WP-10) was added to the field program. Soil boring locations are shown on Figure 2. Each boring was continuously sampled for its entire depth for lithologic interpretation and possible chemical analysis. One soil sample from each boring was submitted to North Coast Laboratories (NCL), a State of California certified analytical laboratory for chemical analysis. Each soil sample was analyzed for total petroleum hydrocarbons as diesel (TPHD); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and methyl tert butyl ether (MTBE) using the methods discussed in the Laboratory Analysis section.

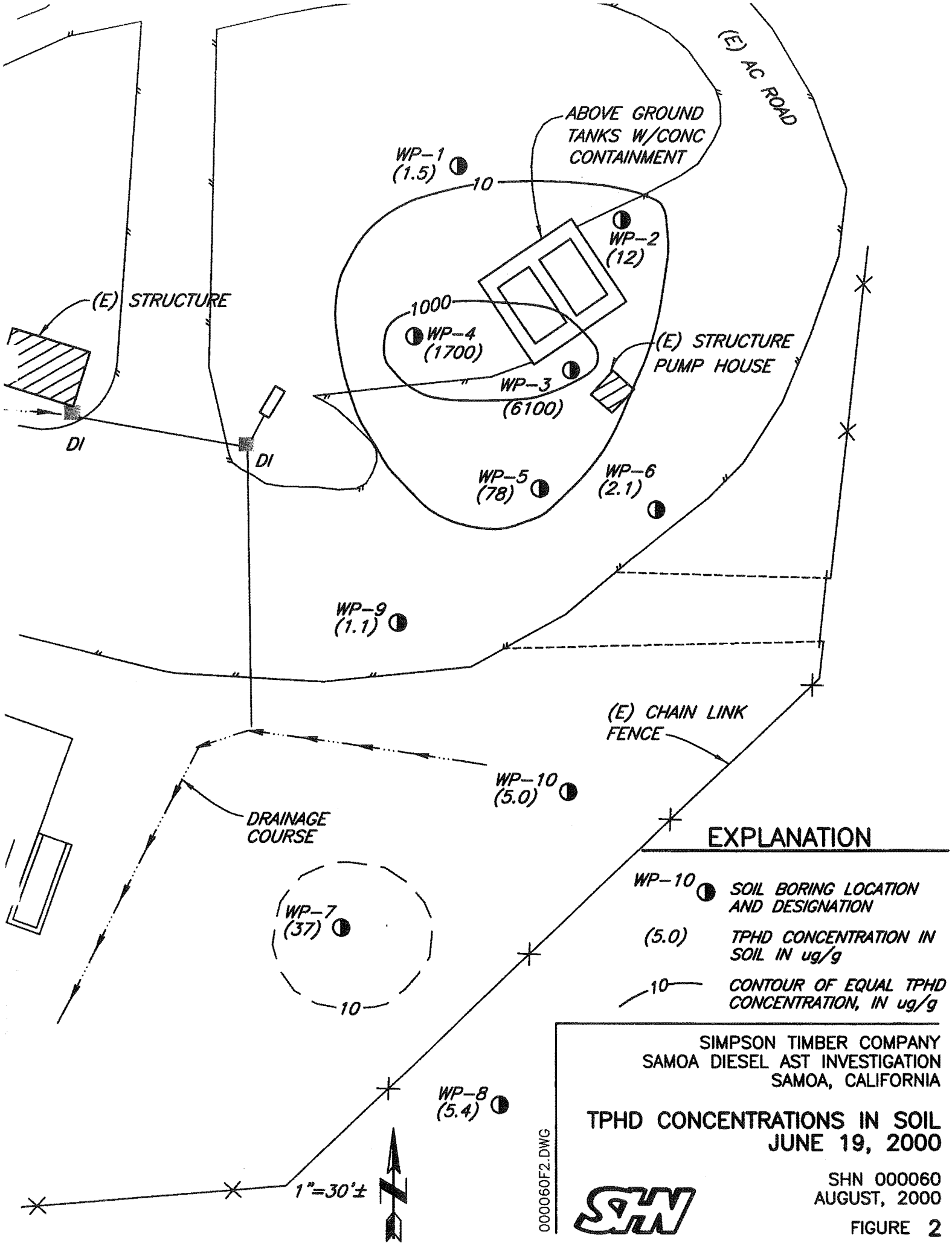


SIMPSON SAMOA CORPORATION
AST INVESTIGATION
SAMOA, CALIFORNIA

SITE LOCATION MAP

SHN 000060
AUGUST, 2000

FIGURE 1


(E) AC ROAD
ABOVE GROUND TANKS W/CONC CONTAINMENT
WP-1 (1.5)
10
WP-2 (12)
(E) STRUCTURE
1000
WP-4 (1700)
(E) STRUCTURE PUMP HOUSE
WP-3 (6100)
DI
DI
WP-5 (78)
WP-6 (2.1)
WP-9 (1.1)
(E) CHAIN LINK FENCE
WP-10 (5.0)
DRAINAGE COURSE
WP-7 (37)
10
WP-8 (5.4)
1"=30'±
N
EXPLANATION
WP-10 SOIL BORING LOCATION AND DESIGNATION
(5.0) TPHD CONCENTRATION IN SOIL IN ug/g
10 CONTOUR OF EQUAL TPHD CONCENTRATION, IN ug/g
SIMPSON TIMBER COMPANY
SAMOA DIESEL AST INVESTIGATION
SAMOA, CALIFORNIA
TPHD CONCENTRATIONS IN SOIL
JUNE 19, 2000
SHN 000060
AUGUST, 2000
FIGURE 2
000060F2.DWG

3.2 Well Point Installation and Sampling

Well points were installed and sampled in each boring utilizing the Geoprobe® direct push system. Prior to sampling, each well point was measured for depth to water. Boring WP-8 did not yield any water, and therefore was not sampled. Groundwater samples collected from the well points were used to assess the presence of petroleum hydrocarbons in groundwater at the site. Prior to the removal of the well points, they were surveyed for location and elevation relative to a common datum. Each boring was abandoned by backfilling with bentonite and matched to the existing surface. This information was intended to be used to assess direction of groundwater flow.

3.3 Soil and Water Disposal

A very low volume of soil was generated during soil sampling, and was added to the existing soil stockpile generated during soil excavation activities conducted at the former UST location. STC is currently working to dispose of the stockpiled soil.

Water used in the decontamination of tools, and all well point purge water was contained in five-gallon buckets, and transported to the SHN purge water storage facility for temporary storage, testing, and disposal through the City of Eureka wastewater treatment plant.

3.4 Equipment Decontamination Procedures

The soil boring/well point installation equipment was cleaned prior to bringing it on site. All small equipment that required on-site cleaning was cleaned using the following triple wash system. The equipment was first washed in a water solution containing Liquinox® cleaner, followed by a water rinse, then by a distilled water rinse. Soil and water samples were collected in pre-cleaned containers supplied by the analytical laboratory.

3.5 Laboratory Analysis

Each soil and groundwater sample was analyzed for TPHD in general accordance with EPA Method No. 3550 GC-FID, and BTEX in general accordance with EPA Method No. 8020. All analysis was conducted by NCL.

4.0 RESULTS OF THE INVESTIGATION

4.1 Subsurface Lithology

Subsurface soils generally consisted of sand and silty sand from the ground surface to depths ranging from of 6 to 8 feet below ground surface (BGS). Groundwater was encountered at depths ranging from 2.5 to 4 feet BGS. Field boring logs are presented in Appendix "A."

4.2 Soil Analytical Results

TPHD was detected in soil samples collected from all 10-soil borings at concentrations ranging from 1.1 micrograms per gram (ug/g) in boring WP-9, to 6,100 ug/g in boring WP-3. The laboratory made several notes regarding the TPHD analytical results. These notes indicate that the material that was reported as TPHD may actually contain petroleum hydrocarbon compounds other than diesel, including oils heavier than diesel. A site map showing TPHD concentrations in soil is presented in Figure 2.

Benzene was detected in the soil sample collected from boring WP-10 at a concentration of 0.013 ug/g. Toluene was detected in soil samples collected from borings WP-7 and WP-10 at concentrations of 0.015 ug/g and 0.0052 ug/g, respectively. Total xylenes were detected in soil samples collected from borings WP-8 and WP-9 at concentrations of 0.0066 ug/g and 1.72 ug/g, respectively. BTEX components were not detected in any other soil samples analyzed. MTBE was not detected in any soil samples analyzed. Soil Analytical results are presented in Table 1. Laboratory analytical reports are presented in Appendix B, and include the notes made by the laboratory regarding the analytical results.

TABLE 1
SOIL ANALYTICAL RESULTS
ABOVEGROUND DIESEL STORAGE TANK AREA
SIMPSON TIMBER COMPANY, SAMOA CALIFORNIA
(in ug/g)

SAMPLE LOCATION	DATE	TPHD[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]
WP-1	06/19/00	**1.5**	<0.005[4]	<0.005	<0.005	<0.005	<0.05
WP-2	06/19/00	**12**	<0.005	<0.005	<0.005	<0.005	<0.05
WP-3	06/19/00	**6,100**	<0.5	<0.5	<0.5	<0.5	<5.0
WP-4	06/19/00	**1,700**	<0.5	<0.5	<0.5	<0.5	<5.0
WP-5	06/19/00	**78**	<0.005	<0.005	<0.005	<0.005	<0.05
WP-6	06/19/00	**2.1**	<0.005	<0.005	<0.005	<0.005	<0.05
WP-7	06/19/00	**37**	<0.005	**0.015**	<0.005	<0.005	<0.05
WP-8	06/19/00	**5.4**	<0.005	<0.005	<0.005	**0.0066**	<0.05
WP-9	06/19/00	**1.1**	<0.5	<0.5	<0.5	**1.72**	<5.0
WP-10	06/19/00	**5.0**	**0.013**	**0.0052**	<0.005	<0.005	<0.05

1) TPHD = Total Petroleum Hydrocarbons as Diesel.
2) BTEX = Benzene, Toluene, Ethylbenzene, and total Xylenes.
3) MTBE = methyl tert butyl ether.
4) "<" denotes "less than."

4.3 Groundwater Analytical Results

TPHD was detected in each groundwater sample submitted for laboratory analysis at concentrations ranging from 76 micrograms per liter (ug/l) in well point WP-9, to 11,000 ug/l in well point WP-3. The analytical laboratory noted that some samples contained some material that was heavier than diesel, which extended beyond the diesel range of molecular weights. A site map showing TPHD concentrations in groundwater is presented in Figure 3.

No BTEX compounds were detected in any of the groundwater samples submitted for laboratory analysis. MTBE was detected in the groundwater samples collected from well points WP-5, WP-6, and WP-7 at concentrations ranging from 3.3 ug/l to 11 ug/l. Groundwater analytical results are summarized in Table 2. Laboratory analytical reports, including comments from the laboratory regarding the analytical results are presented in Appendix B.

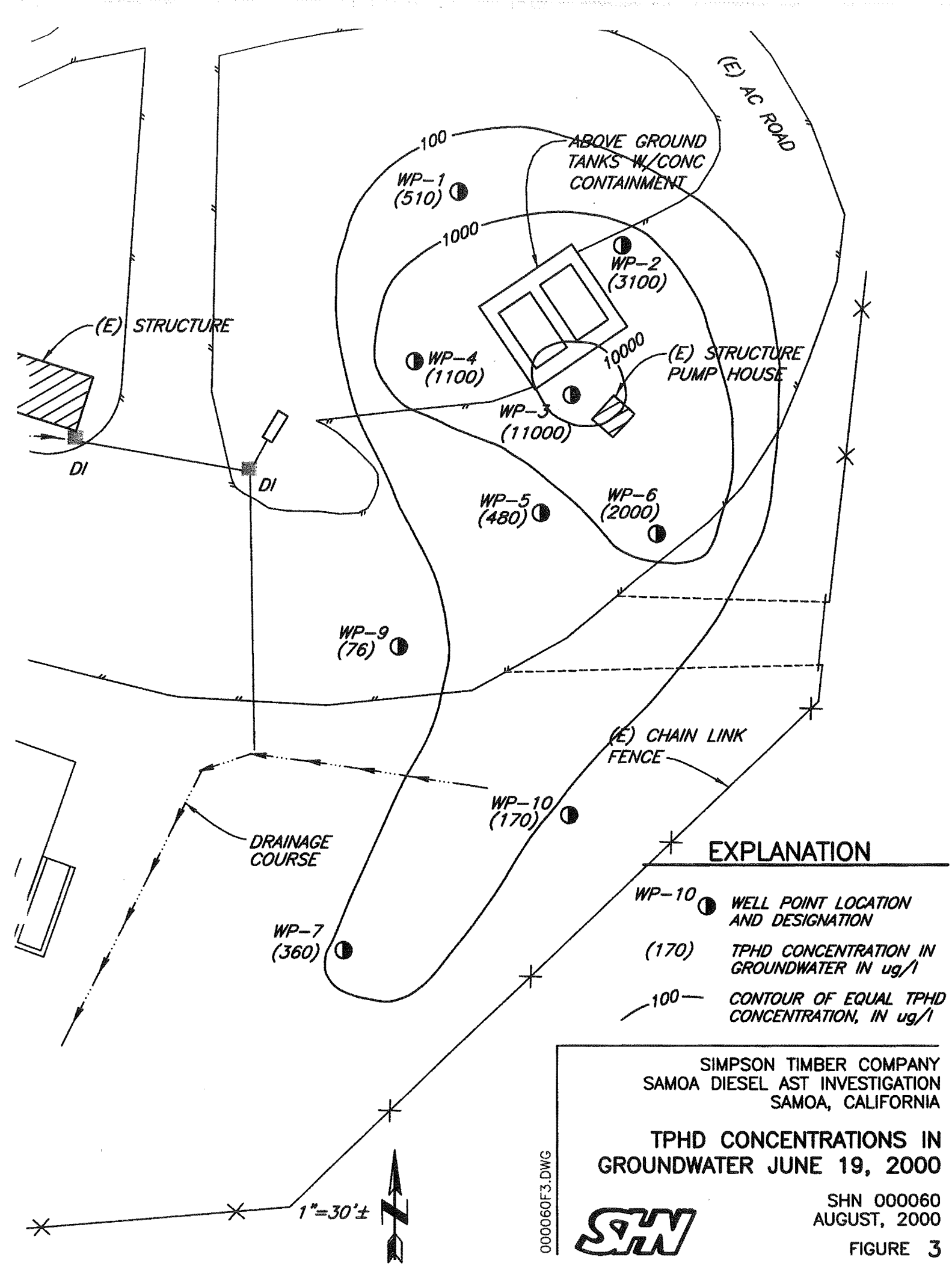
TABLE 2
GROUNDWATER ANALYTICAL RESULTS
ABOVEGROUND DIESEL STORAGE TANK AREA
SIMPSON TIMBER COMPANY, SAMOA CALIFORNIA
(in ug/l)

SAMPLE LOCATION	DATE	TPHD[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]
WP-1	06/19/00	**510**	<0.5[4]	<0.5	<0.5	<0.5	<3.0
WP-2	06/19/00	**3,100**	<1.0	<1.0	<1.0	<1.0	<6.0
WP-3	06/19/00	**11,000**	<2.5	<2.5	<2.5	<2.5	<15
WP-4	06/19/00	**1,100**	<0.5	<0.5	<0.5	<0.5	<3.0
WP-5	06/19/00	**480**	<0.5	<0.5	<0.5	<0.5	**3.3**
WP-6	06/19/00	**2,000**	<1.0	<1.0	<1.0	<1.0	**11**
WP-7	06/19/00	**360**	<0.5	<0.5	<0.5	<0.5	**7.7**
WP-9	06/19/00	**76**	<0.5	<0.5	<0.5	<0.5	<3.0
WP-10	06/19/00	**170**	<0.5	<0.5	<0.5	<0.5	<3.0

5) TPHD = Total Petroleum Hydrocarbons as Diesel.
6) BTEX = Benzene, Toluene, Ethylbenzene, and total Xylenes.
7) MTBE = methyl tert butyl ether.
8) "<" denotes "less than."

4.4 Groundwater Hydrology

The depth to groundwater was measured in each well point and ranged from 2 feet BGS to 4 feet BGS. The estimated direction of groundwater flow on June 19, 2000, was to the southeast toward Humboldt Bay. A site map showing the estimated groundwater configuration on June 19, 2000, is presented as Figure 4.



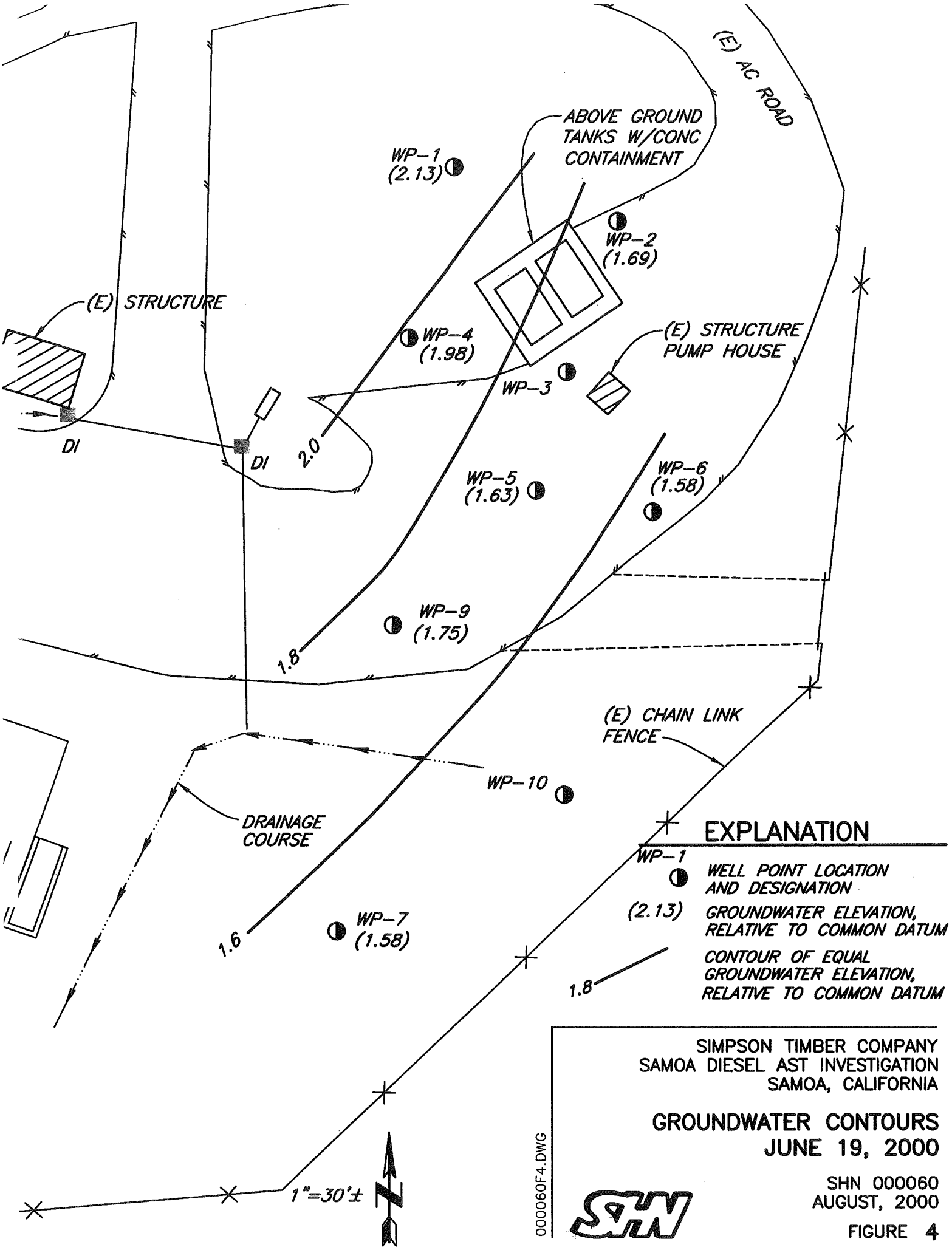
SIMPSON TIMBER COMPANY
SAMOA DIESEL AST INVESTIGATION
SAMOA, CALIFORNIA

TPHD CONCENTRATIONS IN GROUNDWATER JUNE 19, 2000

000060F3.DWG

SHN 000060
AUGUST, 2000

FIGURE 3


(E) AC ROAD
ABOVE GROUND TANKS W/CONC CONTAINMENT
WP-1 (2.13)
WP-2 (1.69)
WP-3
WP-4 (1.98)
WP-5 (1.63)
WP-6 (1.58)
WP-7 (1.58)
WP-9 (1.75)
WP-10
(E) STRUCTURE
(E) STRUCTURE PUMP HOUSE
DI
DI
2.0
1.8
1.6
(E) CHAIN LINK FENCE
DRAINAGE COURSE
1"=30'±
EXPLANATION
WP-1
WELL POINT LOCATION AND DESIGNATION
(2.13)
GROUNDWATER ELEVATION, RELATIVE TO COMMON DATUM
1.8
CONTOUR OF EQUAL GROUNDWATER ELEVATION, RELATIVE TO COMMON DATUM
SIMPSON TIMBER COMPANY
SAMOA DIESEL AST INVESTIGATION
SAMOA, CALIFORNIA
GROUNDWATER CONTOURS
JUNE 19, 2000
SHN 000060
AUGUST, 2000
FIGURE 4
000060F4.DWG
SHN

5.0 CONCLUSIONS AND RECOMMENDATIONS

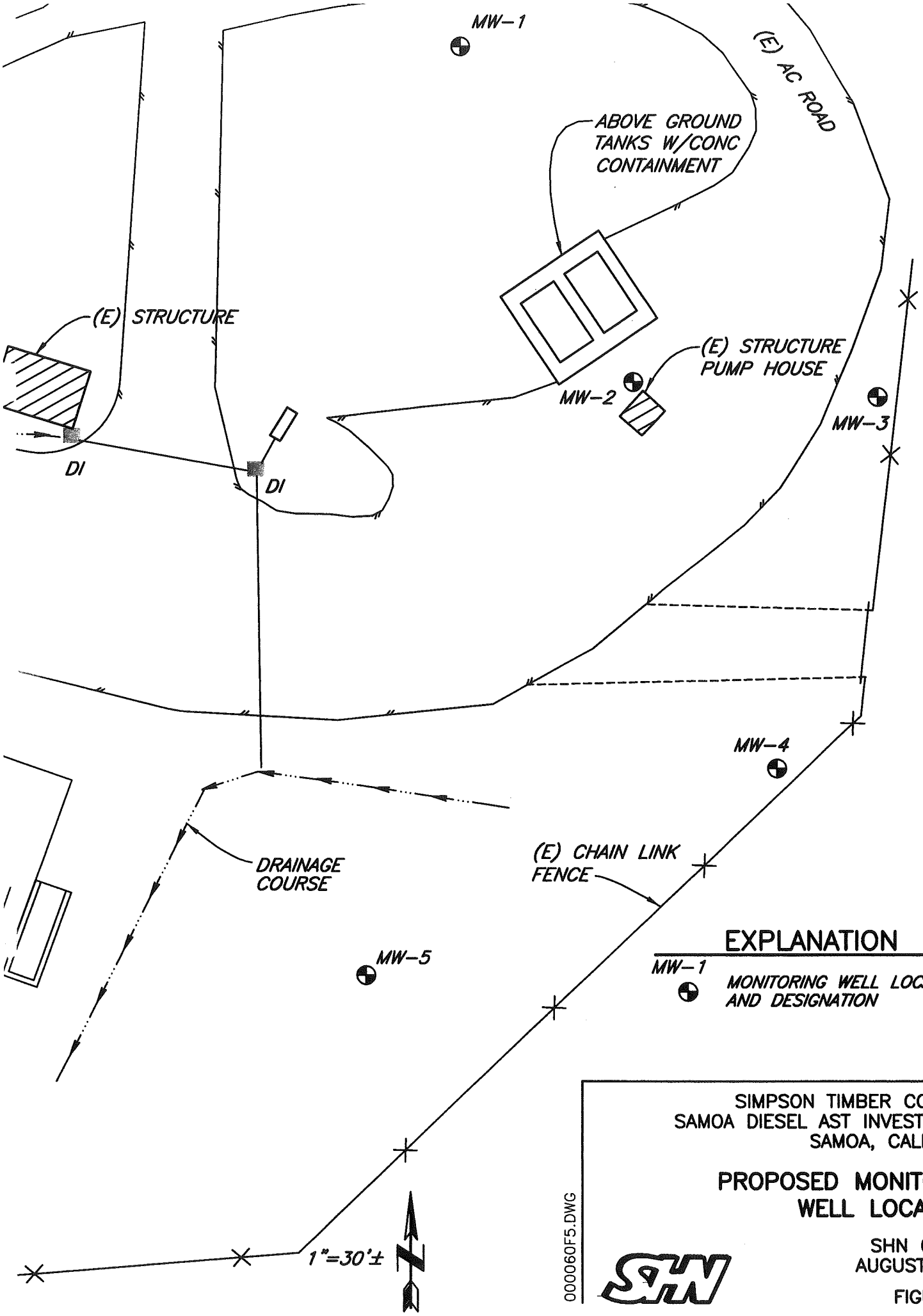
The ASTs were removed from the site in the fall of 1998. The concrete containment and support structure is still in place. Based on the results of this site investigation, it appears that TPHD-impacted soil and groundwater are present beneath the site. Soil contamination appears to be limited primarily to the immediate vicinity, and along the southern end of the secondary containment structure still present at the site. Groundwater contamination also appears to be limited primarily to the immediate vicinity of the secondary containment structure, and extends in a south southwesterly direction. The current direction of groundwater flow is to the southeast. When comparing the apparent movement of TPHD-impacted groundwater to the current direction of groundwater flow, it appears that there may be seasonal changes in groundwater flow direction.

The petroleum hydrocarbon contamination found in soil to the south of the former aboveground tank location may be petroleum hydrocarbons present within the capillary zone immediately above the water table.

Components of BTEX were only detected in soil samples from four borings at relatively low concentrations. BTEX was not detected in groundwater samples collected from the site, indicating that groundwater has not been impacted by BTEX.

MTBE was reported in three groundwater samples collected from the site at concentrations below the water quality standard for MTBE. However, gasoline was not stored in this area, and therefore, the MTBE reported as being present may have actually been another petroleum hydrocarbon compound that elutes at the same time as MTBE during the sample analysis process.

The information collected during this investigation indicates that TPHD is the contaminant of concern in the immediate vicinity of the former AST. SHN recommends the installation of five groundwater monitoring wells, and the implementation of a quarterly groundwater monitoring program for a period of one year. This program will include the drilling and sampling of 5 soil borings, and the installation of a groundwater monitoring well in each boring. Each well would be monitored for depth to water and sampled for TPHD. During the first quarterly event, each well will also be analyzed for fuel oxygenates to confirm the presence of MTBE that was found during this investigation. The proposed locations of monitoring wells MW-1 through MW-5 are presented in Figure 5. Upon receipt of approval from the RWQCB, SHN will prepare a work plan to install the proposed wells and implement the proposed monitoring program.



SIMPSON TIMBER COMPANY
SAMOA DIESEL AST INVESTIGATION
SAMOA, CALIFORNIA

PROPOSED MONITORING WELL LOCATIONS

000060F5.DWG

SHN 000060
AUGUST, 2000

FIGURE 5

APPENDIX A

SOIL BORING LOGS

HOLE NUMBER WP-1

PROJECT Simpsom Samoa
JOB NUMBER 000060
LOCATION Samoa, CA 061900-01
DATE DRILLED 6/19/00
GROUND SURFACE ELEVATION
SAMPLER TYPE Macrocore
EXCAVATION METHOD Geoprobe
LOGGED BY SS
TOTAL DEPTH OF HOLE 8.0ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION	REMARKS
	0				SP	SAND, minor gravel, damp. light brown.	
	1						
	2					No gravel.	
	3						
	4					Increased moisture, darker brown.	
	5					Becomes wet, dark gray.	▽ 6/19/00
	6						Hydrocarbon odor
	7				SM	SAND, slightly silty, wet, dark gray.	
	8					Bottom of boring at 8.0 feet.	
	9						
	10						

HOLE NUMBER WP-2

PROJECT Simpsom Samoa
JOB NUMBER 000060
LOCATION Samoa, CA 061900-03
DATE DRILLED 6/19/00
GROUND SURFACE ELEVATION
SAMPLER TYPE Macrocore
EXCAVATION METHOD Geoprobe
LOGGED BY SS
TOTAL DEPTH OF HOLE 8.0ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION	REMARKS
	0					FILL, sand, with minor gravel and organic matter, dark brown.	
	1						
	2					Becomes moist, medium brown.	
	3						
	4					Becomes wet.	▽ 6/19/00
	5						
							▽ 6/19/00
	6					Becomes saturated, grayish brown.	Hydrocarbon odor to 8' depth.
	7					Becomes gray.	
	8					Bottom of boring at 8.0 feet.	
	9						
	10						

HOLE NUMBER WP-3

PROJECT Simpsom Samoa
JOB NUMBER 000060
LOCATION Samoa, CA 061900-10
DATE DRILLED 6/19/00
GROUND SURFACE ELEVATION
SAMPLER TYPE Macrocore
EXCAVATION METHOD Geoprobe
LOGGED BY SS
TOTAL DEPTH OF HOLE 8.0ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION	REMARKS
						FILL, sand, with cobbles.	
	1					FILL, sand, brownish gray.	
	2						Strong hydrocarbon odor to 8' depth.
	3					Becomes saturated.	▽ 6/19/00
	4						
	5					Color changes to dark gray.	
	6						
	7						
	8					FILL, silt, with oragnic matter and wood debris.	
						Bottom of boring at 8.0 feet.	
	9						
	10						

HOLE NUMBER WP-4

PROJECT Simpsom Samoa
JOB NUMBER 000060
LOCATION Samoa, CA 061900-02
DATE DRILLED 6/19/00
GROUND SURFACE ELEVATION
SAMPLER TYPE Macrocore
EXCAVATION METHOD Geoprobe
LOGGED BY SS
TOTAL DEPTH OF HOLE 6.0ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION	REMARKS
	0					FILL, sand, with organic matter and wood debris, damp.	
	1						
	2					Becomes saturated, light brown to gray.	▽ 6/19/00 Possible water table
	3						▼ 6/19/00 Bridged
	4					Becomes dark gray.	Hydrocarbon odor to 5.5' depth.
	5					FILL, sand, silty, dark gray. With minor organic matter.	
	6					Bottom of boring at 6.0 feet.	Hit wood, couldn't continue.
	7						
	8						
	9						
	10						

HOLE NUMBER WP-5

PROJECT Simpsom Samoa
JOB NUMBER 000060
LOCATION Samoa, CA 061900-07
DATE DRILLED 6/19/00
GROUND SURFACE ELEVATION
SAMPLER TYPE Macrocore
EXCAVATION METHOD Geoprobe
LOGGED BY SS
TOTAL DEPTH OF HOLE 8.0ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION	REMARKS
	0					ASPHALT	
						FILL, sand, with large cobbles.	
	1						
	2						
						FILL, sand, dark gray.	
	3						
	4						▽ 6/19/00 Hydrocarbon odor
	5						
	6						
	7						
						FILL, sand, dark gray, with oragnic matter and wood debris.	
	8					Bottom of boring at 8.0 feet.	
	9						
	10						

HOLE NUMBER WP-6

PROJECT Simpsom Samoa
JOB NUMBER 000060
LOCATION Samoa, CA 061900-08
DATE DRILLED 6/19/00
GROUND SURFACE ELEVATION
SAMPLER TYPE Macrocore
EXCAVATION METHOD Geoprobe
LOGGED BY SS
TOTAL DEPTH OF HOLE 8.0ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION	REMARKS
						ASPHALT	
	1					FILL, sand, with cobbles.	
	2						
					SP	SAND, dark gray.	
	3						Hydrocarbon odor to 8' depth.
	4					Becomes saturated.	▽ 6/19/00
	5						
	6						
	7						
	8					Bottom of boring at 8.0 feet.	
	9						
	10						

HOLE NUMBER WP-7

PROJECT Simpsom Samoa
JOB NUMBER 000060
LOCATION Samoa, CA 061900-05
DATE DRILLED 6/19/00
GROUND SURFACE ELEVATION
SAMPLER TYPE Macrocore
EXCAVATION METHOD Geoprobe
LOGGED BY SS
TOTAL DEPTH OF HOLE 8.0ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION	REMARKS
	0					FILL, sand, dry, dark brown.	
	1						
	2					Fine sand, damp, dark brown to black.	
	3					With organic matter.	
							▽ 6/19/00
	4						
	5					Silty, saturated, dark brown, with large cobbles.	
	6						
	7					Becomes gray.	
						Becomes dark gray.	
	8					Bottom of boring at 8.0 feet.	
	9						
	10						

HOLE NUMBER WP-8

PROJECT Simpsom Samoa
JOB NUMBER 000060
LOCATION Samoa, CA 061900-04
DATE DRILLED 6/19/00
GROUND SURFACE ELEVATION
SAMPLER TYPE Macrocore
EXCAVATION METHOD Geoprobe
LOGGED BY SS
TOTAL DEPTH OF HOLE 8.0ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION	REMARKS
	1					FILL, sand, with cobbles.	
	2					Increasing clay content, damp.	
	3					Becomes clayey, silty, dark gray.	
	4						
	5						
	6						
	7						
	8					With large cobbles.	
	9					Bottom of boring at 8.0 feet.	
	10						

HOLE NUMBER WP-9

PROJECT Simpsom Samoa
JOB NUMBER 000060
LOCATION Samoa, CA 061900-06
DATE DRILLED 6/19/00
GROUND SURFACE ELEVATION
SAMPLER TYPE Macrocore
EXCAVATION METHOD Geoprobe
LOGGED BY SS
TOTAL DEPTH OF HOLE 8.0ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION	REMARKS
	0				SP	SAND, dark brown, with organic matter.	
	1						
	2				SM	SAND, silty, dark brown.	
	3					With organic matter.	Hydrocarbon odor to 7' depth. ▽ 6/19/00
	4						
	5					Becomes saturated.	
	6						
	7					Becomes gray.	
	8					Bottom of boring at 8.0 feet.	
	9						
	10						

HOLE NUMBER WP-10

PROJECT Simpsom Samoa
JOB NUMBER 000060
LOCATION Samoa, CA 061900-09
DATE DRILLED 6/19/00
GROUND SURFACE ELEVATION
SAMPLER TYPE Macrocore
EXCAVATION METHOD Geoprobe
LOGGED BY SS
TOTAL DEPTH OF HOLE 8.0ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION	REMARKS
						ASPHALT	
						FILL, sand, slightly silty, dry, dark brown.	
	1						
	2					Becomes damp.	
	3					With brick fragments.	
	4					Becomes saturated.	▽ 6/19/00
	5					Becomes dark gray.	Hydrocarbon odor
	6						
	7						
	8					FILL, silt, dark brown, with organic matter and wood debris.	
						Bottom of boring at 8.0 feet.	
	9						
	10						

APPENDIX B

LABORATORY ANALYTICAL REPORTS

JUL 13 2000

NORTH COAST LABORATORIES LTD.

July 12, 2000

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Order No.: 0006482
Invoice No.: 8156
PO No.:

Attn: Frans Lowman

RE: 000060/Simpson Samoa

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	061900-01
02A	061900-02
03A	061900-03
04A	061900-04
05A	061900-05
06A	061900-06
07A	061900-07
08A	061900-08
09A	061900-09
10A	061900-10
11A	061900-01
11B	061900-01
12A	061900-02
12B	061900-02
13A	061900-03
13B	061900-03
14A	061900-05
14B	061900-05
15A	061900-06
15B	061900-06
16A	061900-07
16B	061900-07
17A	061900-08
17B	061900-08
18A	061900-09
18B	061900-09
19A	061900-10
19B	061900-10

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s) | QA Officer | Jesse G. Chaney, Jr.
Laboratory Director

5680 West End Road • Arcata California 95521-9202 • 707-822-4649 • FAX 707-822-6831

CLIENT: SHN Consulting Engineers and Geologists
Project: 000060/Simpson Samoa
Lab Order: 0006482

CASE NARRATIVE

TPH Diesel (Soil):
Samples 08 and 10 contain material similar to degraded or weathered diesel oil.

Sample 02 contains material in the diesel range of molecular weights, but the material does not exhibit the peak pattern typical of diesel oil.

Samples 01, 02, 03, 04, 05, 06, 07 and 09 contain material in the diesel range of molecular weights and beyond. This suggests the presence of an oil heavier than diesel.

Samples 02, 05 and 10 contain material in the diesel range of molecular weights and beyond. It also exhibits the peaks typical of diesel. This indicates the presence of diesel plus an oil heavier than diesel.

The surrogates for samples 02, 05 and 10 could not be quantified due to a sample dilution.

The surrogate for 07 was not quantifiable (NQ) due to matrix interference.

All diesel results reported represent the amount of material in the diesel range of molecular weights only.

TPH Diesel (Ground Water):

Samples 01, 05, 06, 07, 08, 09 and 10 contain material similar to degraded or weathered diesel oil.

Samples 02 and 03 contain material in the diesel range of molecular weights, but the material does not exhibit the peak pattern typical of diesel oil

Sample 02 contains material in the diesel range of molecular weights and beyond. This suggests the presence of an oil heavier than diesel.

The surrogate for sample 10 could not be quantified due to a sample dilution.

The surrogate for 02, 03 and 09 were not quantifiable (NQ) due to matrix interference.

BTXE (Soil):
Some reporting limits were raised for sample 05 due to matrix interference.

Samples 02, 06 and 10 were reported as ND with a dilution due to matrix interference.

CLIENT:	SHN Consulting Engineers and Geologists
Project:	000060/Simpson Samoa
Lab Order:	0006482

CASE NARRATIVE

BTXE (Ground Water):
Suggest the confirmation of the positive MTBE results for 05, 07 and 08 by GCMS.

Samples 03, 08 and 10 were reported as ND with a dilution due to matrix interference.

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Date: 14-Jul-00
WorkOrder: 0006482

ANALYTICAL REPORT

Client Sample ID: 061900-01 **Received:** 6/20/00 **Collected:** 6/19/00 8:55
Lab ID: 0006482-01A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	6/26/00	6/28/00
Benzene	ND	0.0050	µg/g	1.0	6/26/00	6/28/00
Toluene	ND	0.0050	µg/g	1.0	6/26/00	6/28/00
Ethylbenzene	ND	0.0050	µg/g	1.0	6/26/00	6/28/00
m,p-Xylene	ND	0.0050	µg/g	1.0	6/26/00	6/28/00
o-Xylene	ND	0.0050	µg/g	1.0	6/26/00	6/28/00
Surrogate: Cis-1,2-Dichloroethylene	97.9	53.9-135	% Rec	1.0	6/26/00	6/28/00

Test Name: TPH-Diesel **Reference:** EPA 3550/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	1.5	1.0	µg/g	1.0	6/23/00	6/27/00
Surrogate: N-Tricosane	84.5	42.8-138	% Rec	1.0	6/23/00	6/27/00

Client Sample ID: 061900-02 **Received:** 6/20/00 **Collected:** 6/19/00 9:11
Lab ID: 0006482-02A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	5.0	µg/g	100	6/27/00	6/29/00
Benzene	ND	0.50	µg/g	100	6/27/00	6/29/00
Toluene	ND	0.50	µg/g	100	6/27/00	6/29/00
Ethylbenzene	ND	0.50	µg/g	100	6/27/00	6/29/00
m,p-Xylene	ND	0.50	µg/g	100	6/27/00	6/29/00
o-Xylene	ND	0.50	µg/g	100	6/27/00	6/29/00
Surrogate: Cis-1,2-Dichloroethylene	97.7	53.9-135	% Rec	100	6/27/00	6/29/00

Test Name: TPH-Diesel **Reference:** EPA 3550/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	1,700	100	µg/g	100	6/23/00	6/27/00
Surrogate: N-Tricosane	NQ	42.8-138	% Rec	100	6/23/00	6/27/00

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Date: 14-Jul-00
WorkOrder: 0006482

ANALYTICAL REPORT

Client Sample ID: 061900-03 **Received:** 6/20/00 **Collected:** 6/19/00 9:35
Lab ID: 0006482-03A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	6/27/00	6/28/00
Benzene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Toluene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Ethylbenzene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
m,p-Xylene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
o-Xylene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Surrogate: Cis-1,2-Dichloroethylene	102	53.9-135	% Rec	1.0	6/27/00	6/28/00

Test Name: TPH-Diesel **Reference:** EPA 3550/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	12	1.0	µg/g	1.0	6/23/00	6/27/00
Surrogate: N-Tricosane	87.1	42.8-138	% Rec	1.0	6/23/00	6/27/00

Client Sample ID: 061900-04 **Received:** 6/20/00 **Collected:** 6/19/00 10:49
Lab ID: 0006482-04A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	6/27/00	6/28/00
Benzene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Toluene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Ethylbenzene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
m,p-Xylene	0.0066	0.0050	µg/g	1.0	6/27/00	6/28/00
o-Xylene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Surrogate: Cis-1,2-Dichloroethylene	101	53.9-135	% Rec	1.0	6/27/00	6/28/00

Test Name: TPH-Diesel **Reference:** EPA 3550/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	5.4	1.0	µg/g	1.0	6/23/00	6/27/00
Surrogate: N-Tricosane	86.2	42.8-138	% Rec	1.0	6/23/00	6/27/00

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Date: 14-Jul-00
WorkOrder: 0006482

ANALYTICAL REPORT

Client Sample ID: 061900-05 **Received:** 6/20/00 **Collected:** 6/19/00 11:14
Lab ID: 0006482-05A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	6/27/00	6/28/00
Benzene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Toluene	0.015	0.0050	µg/g	1.0	6/27/00	6/28/00
Ethylbenzene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
m,p-Xylene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
o-Xylene	ND	0.020	µg/g	1.0	6/27/00	6/28/00
Surrogate: Cis-1,2-Dichloroethylene	98.3	53.9-135	% Rec	1.0	6/27/00	6/28/00

Test Name: TPH-Diesel **Reference:** EPA 3550/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	37	10	µg/g	10	6/23/00	6/28/00
Surrogate: N-Tricosane	NQ	42.8-138	% Rec	10	6/23/00	6/28/00

Client Sample ID: 061900-06 **Received:** 6/20/00 **Collected:** 6/19/00 12:10
Lab ID: 0006482-06A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	5.0	µg/g	100	6/27/00	6/29/00
Benzene	ND	0.50	µg/g	100	6/27/00	6/29/00
Toluene	ND	0.50	µg/g	100	6/27/00	6/29/00
Ethylbenzene	ND	0.50	µg/g	100	6/27/00	6/29/00
m,p-Xylene	1.1	0.50	µg/g	100	6/27/00	6/29/00
o-Xylene	0.62	0.50	µg/g	100	6/27/00	6/29/00
Surrogate: Cis-1,2-Dichloroethylene	96.8	53.9-135	% Rec	100	6/27/00	6/29/00

Test Name: TPH-Diesel **Reference:** EPA 3550/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	1.1	1.0	µg/g	1.0	6/23/00	6/27/00
Surrogate: N-Tricosane	52.9	42.8-138	% Rec	1.0	6/23/00	6/27/00

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Date: 14-Jul-00
WorkOrder: 0006482

ANALYTICAL REPORT

Client Sample ID: 061900-07 **Received:** 6/20/00 **Collected:** 6/19/00 12:55
Lab ID: 0006482-07A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	6/27/00	6/28/00
Benzene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Toluene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Ethylbenzene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
m,p-Xylene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
o-Xylene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Surrogate: Cis-1,2-Dichloroethylene	100	53.9-135	% Rec	1.0	6/27/00	6/28/00

Test Name: TPH-Diesel **Reference:** EPA 3550/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	78	1.0	µg/g	1.0	6/23/00	6/27/00
Surrogate: N-Tricosane	NQ	42.8-138	% Rec	1.0	6/23/00	6/27/00

Client Sample ID: 061900-08 **Received:** 6/20/00 **Collected:** 6/19/00 13:10
Lab ID: 0006482-08A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	6/27/00	6/28/00
Benzene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Toluene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Ethylbenzene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
m,p-Xylene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
o-Xylene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Surrogate: Cis-1,2-Dichloroethylene	98.7	53.9-135	% Rec	1.0	6/27/00	6/28/00

Test Name: TPH-Diesel **Reference:** EPA 3550/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	2.1	1.0	µg/g	1.0	6/23/00	6/27/00
Surrogate: N-Tricosane	70.1	42.8-138	% Rec	1.0	6/23/00	6/27/00

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Date: 14-Jul-00
WorkOrder: 0006482

ANALYTICAL REPORT

Client Sample ID: 061900-09 **Received:** 6/20/00 **Collected:** 6/19/00 15:15
Lab ID: 0006482-09A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	6/27/00	6/28/00
Benzene	0.013	0.0050	µg/g	1.0	6/27/00	6/28/00
Toluene	0.0052	0.0050	µg/g	1.0	6/27/00	6/28/00
Ethylbenzene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
m,p-Xylene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
o-Xylene	ND	0.0050	µg/g	1.0	6/27/00	6/28/00
Surrogate: Cis-1,2-Dichloroethylene	101	53.9-135	% Rec	1.0	6/27/00	6/28/00

Test Name: TPH-Diesel **Reference:** EPA 3550/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	5.0	1.0	µg/g	1.0	6/27/00	7/7/00
Surrogate: N-Tricosane	70.7	42.8-138	% Rec	1.0	6/27/00	7/7/00

Client Sample ID: 061900-10 **Received:** 6/20/00 **Collected:** 6/19/00 15:45
Lab ID: 0006482-10A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	5.0	µg/g	100	6/27/00	6/29/00
Benzene	ND	0.50	µg/g	100	6/27/00	6/29/00
Toluene	ND	0.50	µg/g	100	6/27/00	6/29/00
Ethylbenzene	ND	0.50	µg/g	100	6/27/00	6/29/00
m,p-Xylene	ND	0.50	µg/g	100	6/27/00	6/29/00
o-Xylene	ND	0.50	µg/g	100	6/27/00	6/29/00
Surrogate: Cis-1,2-Dichloroethylene	97.0	53.9-135	% Rec	100	6/27/00	6/29/00

Test Name: TPH-Diesel **Reference:** EPA 3550/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	6,100	100	µg/g	100	6/27/00	7/1/00
Surrogate: N-Tricosane	NQ	42.8-138	% Rec	100	6/27/00	7/1/00

Client Sample ID: 061900-01 **Received:** 6/20/00 **Collected:** 6/19/00 16:26
Lab ID: 0006482-11A

Test Name: TPH-Diesel **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	510	50	µg/L	1.0	6/24/00	6/27/00
Surrogate: N-Tricosane	49.0	42.6-146	% Rec	1.0	6/24/00	6/27/00

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Date: 14-Jul-00
WorkOrder: 0006482

ANALYTICAL REPORT

Client Sample ID: 061900-01 **Received:** 6/20/00 **Collected:** 6/19/00 16:26
Lab ID: 0006482-11B

Test Name: BTEX **Reference:** EPA 8021B/5030

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		7/1/00
Benzene	ND	0.50	µg/L	1.0		7/1/00
Toluene	ND	0.50	µg/L	1.0		7/1/00
Ethylbenzene	ND	0.50	µg/L	1.0		7/1/00
m,p-Xylene	ND	0.50	µg/L	1.0		7/1/00
o-Xylene	ND	0.50	µg/L	1.0		7/1/00
Surrogate: Cis-1,2-Dichloroethylene	96.1	70-123	% Rec	1.0		7/1/00

Client Sample ID: 061900-02 **Received:** 6/20/00 **Collected:** 6/19/00 16:45
Lab ID: 0006482-12A

Test Name: TPH-Diesel **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	1,100	50	µg/L	1.0	6/24/00	7/1/00
Surrogate: N-Tricosane	NQ	42.6-146	% Rec	1.0	6/24/00	7/1/00

Client Sample ID: 061900-02 **Received:** 6/20/00 **Collected:** 6/19/00 16:45
Lab ID: 0006482-12B

Test Name: BTEX **Reference:** EPA 8021B/5030

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		7/1/00
Benzene	ND	0.50	µg/L	1.0		7/1/00
Toluene	ND	0.50	µg/L	1.0		7/1/00
Ethylbenzene	ND	0.50	µg/L	1.0		7/1/00
m,p-Xylene	ND	0.50	µg/L	1.0		7/1/00
o-Xylene	ND	0.50	µg/L	1.0		7/1/00
Surrogate: Cis-1,2-Dichloroethylene	96.8	70-123	% Rec	1.0		7/1/00

Client Sample ID: 061900-03 **Received:** 6/20/00 **Collected:** 6/19/00 16:05
Lab ID: 0006482-13A

Test Name: TPH-Diesel **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	3,100	50	µg/L	1.0	6/24/00	6/27/00
Surrogate: N-Tricosane	NQ	42.6-146	% Rec	1.0	6/24/00	6/27/00

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Date: 14-Jul-00
WorkOrder: 0006482

ANALYTICAL REPORT

Client Sample ID: 061900-03 **Received:** 6/20/00 **Collected:** 6/19/00 16:05
Lab ID: 0006482-13B

Test Name: BTEX **Reference:** EPA 8021B/5030

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	6.0	µg/L	2.0		7/1/00
Benzene	ND	1.0	µg/L	2.0		7/1/00
Toluene	ND	1.0	µg/L	2.0		7/1/00
Ethylbenzene	ND	1.0	µg/L	2.0		7/1/00
m,p-Xylene	ND	1.0	µg/L	2.0		7/1/00
o-Xylene	ND	1.0	µg/L	2.0		7/1/00
Surrogate: Cis-1,2-Dichloroethylene	88.2	70-123	% Rec	2.0		7/1/00

Client Sample ID: 061900-05 **Received:** 6/20/00 **Collected:** 6/19/00 11:55
Lab ID: 0006482-14A

Test Name: TPH-Diesel **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	360	50	µg/L	1.0	6/24/00	6/27/00
Surrogate: N-Tricosane	91.2	42.6-146	% Rec	1.0	6/24/00	6/27/00

Client Sample ID: 061900-05 **Received:** 6/20/00 **Collected:** 6/19/00 11:55
Lab ID: 0006482-14B

Test Name: BTEX **Reference:** EPA 8021B/5030

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	7.7	3.0	µg/L	1.0		6/30/00
Benzene	ND	0.50	µg/L	1.0		6/30/00
Toluene	ND	0.50	µg/L	1.0		6/30/00
Ethylbenzene	ND	0.50	µg/L	1.0		6/30/00
m,p-Xylene	ND	0.50	µg/L	1.0		6/30/00
o-Xylene	ND	0.50	µg/L	1.0		6/30/00
Surrogate: Cis-1,2-Dichloroethylene	96.9	70-123	% Rec	1.0		6/30/00

Client Sample ID: 061900-06 **Received:** 6/20/00 **Collected:** 6/19/00 12:10
Lab ID: 0006482-15A

Test Name: TPH-Diesel **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	76	50	µg/L	1.0	6/24/00	6/27/00
Surrogate: N-Tricosane	63.1	42.6-146	% Rec	1.0	6/24/00	6/27/00

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Date: 14-Jul-00
WorkOrder: 0006482

ANALYTICAL REPORT

Client Sample ID: 061900-06 **Received:** 6/20/00 **Collected:** 6/19/00 12:10
Lab ID: 0006482-15B

Test Name: BTEX **Reference:** EPA 8021B/5030

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		6/30/00
Benzene	ND	0.50	µg/L	1.0		6/30/00
Toluene	ND	0.50	µg/L	1.0		6/30/00
Ethylbenzene	ND	0.50	µg/L	1.0		6/30/00
m,p-Xylene	ND	0.50	µg/L	1.0		6/30/00
o-Xylene	ND	0.50	µg/L	1.0		6/30/00
Surrogate: Cis-1,2-Dichloroethylene	99.1	70-123	% Rec	1.0		6/30/00

Client Sample ID: 061900-07 **Received:** 6/20/00 **Collected:** 6/19/00 12:55
Lab ID: 0006482-16A

Test Name: TPH-Diesel **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	480	50	µg/L	1.0	6/24/00	6/27/00
Surrogate: N-Tricosane	82.5	42.6-146	% Rec	1.0	6/24/00	6/27/00

Client Sample ID: 061900-07 **Received:** 6/20/00 **Collected:** 6/19/00 12:55
Lab ID: 0006482-16B

Test Name: BTEX **Reference:** EPA 8021B/5030

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	3.3	3.0	µg/L	1.0		7/1/00
Benzene	ND	0.50	µg/L	1.0		7/1/00
Toluene	ND	0.50	µg/L	1.0		7/1/00
Ethylbenzene	ND	0.50	µg/L	1.0		7/1/00
m,p-Xylene	ND	0.50	µg/L	1.0		7/1/00
o-Xylene	ND	0.50	µg/L	1.0		7/1/00
Surrogate: Cis-1,2-Dichloroethylene	95.2	70-123	% Rec	1.0		7/1/00

Client Sample ID: 061900-08 **Received:** 6/20/00 **Collected:** 6/19/00 13:30
Lab ID: 0006482-17A

Test Name: TPH-Diesel **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	2,000	50	µg/L	1.0	6/24/00	6/28/00
Surrogate: N-Tricosane	81.2	42.6-146	% Rec	1.0	6/24/00	6/28/00

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Date: 14-Jul-00
WorkOrder: 0006482

ANALYTICAL REPORT

Client Sample ID: 061900-08 **Received:** 6/20/00 **Collected:** 6/19/00 13:30
Lab ID: 0006482-17B

Test Name: BTEX **Reference:** EPA 8021B/5030

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	11	6.0	µg/L	2.0		7/1/00
Benzene	ND	1.0	µg/L	2.0		7/1/00
Toluene	ND	1.0	µg/L	2.0		7/1/00
Ethylbenzene	ND	1.0	µg/L	2.0		7/1/00
m,p-Xylene	ND	1.0	µg/L	2.0		7/1/00
o-Xylene	ND	1.0	µg/L	2.0		7/1/00
Surrogate: Cis-1,2-Dichloroethylene	85.4	70-123	% Rec	2.0		7/1/00

Client Sample ID: 061900-09 **Received:** 6/20/00 **Collected:** 6/19/00 15:15
Lab ID: 0006482-18A

Test Name: TPH-Diesel **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	170	50	µg/L	1.0	6/24/00	6/28/00
Surrogate: N-Tricosane	NQ	42.6-146	% Rec	1.0	6/24/00	6/28/00

Client Sample ID: 061900-09 **Received:** 6/20/00 **Collected:** 6/19/00 15:15
Lab ID: 0006482-18B

Test Name: BTEX **Reference:** EPA 8021B/5030

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		7/1/00
Benzene	ND	0.50	µg/L	1.0		7/1/00
Toluene	ND	0.50	µg/L	1.0		7/1/00
Ethylbenzene	ND	0.50	µg/L	1.0		7/1/00
m,p-Xylene	ND	0.50	µg/L	1.0		7/1/00
o-Xylene	ND	0.50	µg/L	1.0		7/1/00
Surrogate: Cis-1,2-Dichloroethylene	98.1	70-123	% Rec	1.0		7/1/00

Client Sample ID: 061900-10 **Received:** 6/20/00 **Collected:** 6/19/00 15:45
Lab ID: 0006482-19A

Test Name: TPH-Diesel **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	11,000	500	µg/L	10	6/24/00	7/1/00
Surrogate: N-Tricosane	NQ	42.6-146	% Rec	10	6/24/00	7/1/00

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Date: 14-Jul-00
WorkOrder: 0006482

ANALYTICAL REPORT

Client Sample ID: 061900-10 **Received:** 6/20/00 **Collected:** 6/19/00 15:45
Lab ID: 0006482-19B

Test Name: BTEX **Reference:** EPA 8021B/5030

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	15	µg/L	5.0		7/1/00
Benzene	ND	2.5	µg/L	5.0		7/1/00
Toluene	ND	2.5	µg/L	5.0		7/1/00
Ethylbenzene	ND	2.5	µg/L	5.0		7/1/00
m,p-Xylene	ND	2.5	µg/L	5.0		7/1/00
o-Xylene	ND	2.5	µg/L	5.0		7/1/00
Surrogate: Cis-1,2-Dichloroethylene	86.3	70-123	% Rec	5.0		7/1/00

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North Coast Laboratories, Ltd.

Date: 13-Jul-00

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0006482
Project: 000060/Simpson Samoa

QC SUMMARY REPORT

Method Blank

Sample ID **MBLK-2226** Batch ID: **2226** Test Code: **BTXES** Units: **µg/g** Analysis Date **6/28/00 4:52:16 PM** Prep Date **6/27/00**
Client ID: Run ID: **ORGC8_000628A** SeqNo: **94212**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	ND	0.050									
Benzene	ND	0.0050									
Toluene	ND	0.0050									
Ethylbenzene	ND	0.0050									
m,p-Xylene	ND	0.0050									
o-Xylene	ND	0.0050									
Cis-1,2-Dichloroethylene	0.995	0.10	1.00	0	99.5%	58	127	0			

Sample ID **MBLK** Batch ID: **2219** Test Code: **BTXES** Units: **µg/g** Analysis Date **6/27/00 11:56:53 PM** Prep Date
Client ID: Run ID: **ORGC8_000627A** SeqNo: **94321**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	ND	0.050									
Benzene	ND	0.0050									
Toluene	ND	0.0050									
Ethylbenzene	ND	0.0050									
m,p-Xylene	ND	0.0050									
o-Xylene	ND	0.0050									
Cis-1,2-Dichloroethylene	1.01	0.10	1.00	0	101%	58	127	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0006482
Project: 000060/Simpson Samoa

QC SUMMARY REPORT
Method Blank

Sample ID **MBLK** Batch ID: **R6340** Test Code: **BTXEW** Units: **µg/L** Analysis Date **6/30/00 8:31:50 PM** Prep Date
Client ID: Run ID: **ORGC8_000630A** SeqNo: **95398**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	ND	3.0									
Benzene	ND	0.50									
Toluene	ND	0.50									
Ethylbenzene	ND	0.50									
m,p-Xylene	ND	0.50									
o-Xylene	ND	0.50									
Cis-1,2-Dichloroethylene	1.01	0.10	1.00	0	101%	70	123	0			

Sample ID **MB-2207** Batch ID: **2207** Test Code: **TPHDIS** Units: **µg/g** Analysis Date **6/26/00 10:48:44 PM** Prep Date **6/23/00**
Client ID: Run ID: **ORGC5_000626A** SeqNo: **94520**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	ND	1.0									
N-Tricosane	0.853	0.10	1.00	0	85.3%	43	138	0			

Sample ID **MB-2234** Batch ID: **2234** Test Code: **TPHDIS** Units: **µg/g** Analysis Date **6/29/00 9:42:38 PM** Prep Date **6/27/00**
Client ID: Run ID: **ORGC5_000629A** SeqNo: **94756**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	ND	1.0									
N-Tricosane	1.03	0.10	1.00	0	103%	43	138	0			

Sample ID **MB-2214** Batch ID: **2214** Test Code: **TPHDIW** Units: **µg/L** Analysis Date **6/27/00 4:23:15 PM** Prep Date **6/24/00**
Client ID: Run ID: **ORGC5_000627A** SeqNo: **94169**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	ND	50									
N-Tricosane	55.4	0.10	50.0	0	111%	43	146	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 13-Jul-00

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0006482
Project: 000060/Simpson Samoa

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID **LCS-2226** Batch ID: **2226** Test Code: **BTXES** Units: **µg/g** Analysis Date **6/28/00 5:27:32 PM** Prep Date **6/27/00**
Client ID: Run ID: **ORGC8_000628A** SeqNo: **94213**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	0.3050	0.050	0.400	0	76.3%	32	151	0			
Benzene	0.05520	0.0050	0.0500	0	110%	50	139	0			
Toluene	0.05523	0.0050	0.0500	0	110%	69	130	0			
Ethylbenzene	0.04543	0.0050	0.0500	0	90.9%	49	148	0			
m,p-Xylene	0.1077	0.0050	0.100	0	108%	47	151	0			
o-Xylene	0.05394	0.0050	0.0500	0	108%	69	135	0			
Cis-1,2-Dichloroethylene	0.997	0.10	1.00	0	99.7%	54	135	0			

Sample ID **LCS-2219** Batch ID: **2219** Test Code: **BTXES** Units: **µg/g** Analysis Date **6/27/00 7:48:13 PM** Prep Date
Client ID: Run ID: **ORGC8_000627A** SeqNo: **94319**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	0.2970	0.050	0.400	0	74.2%	32	151	0			
Benzene	0.05438	0.0050	0.0500	0	109%	50	139	0			
Toluene	0.05534	0.0050	0.0500	0	111%	69	130	0			
Ethylbenzene	0.04602	0.0050	0.0500	0	92.0%	49	148	0			
m,p-Xylene	0.1080	0.0050	0.100	0	108%	47	151	0			
o-Xylene	0.05476	0.0050	0.0500	0	110%	69	135	0			
Cis-1,2-Dichloroethylene	0.999	0.10	1.00	0	99.9%	54	135	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0006482
Project: 000060/Simpson Samoa

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID **LCSD-2219** Batch ID: **2219** Test Code: **BTXES** Units: **µg/g** Analysis Date **6/27/00 8:24:09 PM** Prep Date
Client ID: Run ID: **ORGC8_000627A** SeqNo: **94320**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	0.3041	0.050	0.400	0	76.0%	32	151	0.297	2.37%	20	
Benzene	0.05487	0.0050	0.0500	0	110%	50	139	0.0544	0.906%	53	
Toluene	0.05514	0.0050	0.0500	0	110%	69	130	0.0553	0.346%	59	
Ethylbenzene	0.04625	0.0050	0.0500	0	92.5%	49	148	0.0460	0.482%	55	
m,p-Xylene	0.1082	0.0050	0.100	0	108%	47	151	0.108	0.197%	50	
o-Xylene	0.05431	0.0050	0.0500	0	109%	69	135	0.0548	0.808%	54	
Cis-1,2-Dichloroethylene	1.00	0.10	1.00	0	100%	54	135	0.999	0.404%	20	

Sample ID **LCS** Batch ID: **R6340** Test Code: **BTXEW** Units: **µg/L** Analysis Date **6/30/00 9:07:03 PM** Prep Date
Client ID: Run ID: **ORGC8_000630A** SeqNo: **95399**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	36.49	3.0	40.0	0	91.2%	51	135	0			
Benzene	5.052	0.50	5.00	0	101%	48	130	0			
Toluene	5.349	0.50	5.00	0	107%	63	121	0			
Ethylbenzene	5.119	0.50	5.00	0	102%	67	129	0			
m,p-Xylene	10.83	0.50	10.0	0	108%	64	135	0			
o-Xylene	5.206	0.50	5.00	0	104%	78	118	0			
Cis-1,2-Dichloroethylene	1.03	0.10	1.00	0	103%	70	123	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0006482
Project: 000060/Simpson Samoa

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID **LCSD** Batch ID: **R6340** Test Code: **BTXEW** Units: **µg/L** Analysis Date **6/30/00 9:42:16 PM** Prep Date
Client ID: Run ID: **ORGC8_000630A** SeqNo: **95400**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	35.93	3.0	40.0	0	89.8%	51	135	36.5	1.54%	20	
Benzene	5.032	0.50	5.00	0	101%	48	130	5.05	0.398%	20	
Toluene	5.251	0.50	5.00	0	105%	63	121	5.35	1.85%	20	
Ethylbenzene	5.070	0.50	5.00	0	101%	67	129	5.12	0.961%	20	
m,p-Xylene	10.74	0.50	10.0	0	107%	64	135	10.8	0.819%	20	
o-Xylene	5.178	0.50	5.00	0	104%	78	118	5.21	0.540%	20	
Cis-1,2-Dichloroethylene	0.985	0.10	1.00	0	98.5%	70	123	1.03	4.22%	20	

Sample ID **LCS-2207** Batch ID: **2207** Test Code: **TPHDIS** Units: **µg/g** Analysis Date **6/26/00 11:20:49 PM** Prep Date **6/23/00**
Client ID: Run ID: **ORGC5_000626A** SeqNo: **94521**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	7.106	1.0	10.0	0	71.1%	38	109	0			
N-Tricosane	0.913	0.10	1.00	0	91.3%	43	138	0			

Sample ID **LCSD-2207** Batch ID: **2207** Test Code: **TPHDIS** Units: **µg/g** Analysis Date **6/26/00 11:53:14 PM** Prep Date **6/23/00**
Client ID: Run ID: **ORGC5_000626A** SeqNo: **94522**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	6.513	1.0	10.0	0	65.1%	38	109	7.11	8.72%	20	
N-Tricosane	0.803	0.10	1.00	0	80.3%	43	138	0.913	12.9%	20	

Sample ID **LCS-2234** Batch ID: **2234** Test Code: **TPHDIS** Units: **µg/g** Analysis Date **6/29/00 10:19:40 PM** Prep Date **6/27/00**
Client ID: Run ID: **ORGC5_000629A** SeqNo: **94757**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	5.127	1.0	10.0	0	51.3%	38	109	0			
N-Tricosane	1.09	0.10	1.00	0	109%	43	138	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0006482
Project: 000060/Simpson Samoa

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID **LCSD-2234** Batch ID: **2234** Test Code: **TPHDIS** Units: **µg/g** Analysis Date **6/29/00 10:56:38 PM** Prep Date **6/27/00**
Client ID: Run ID: **ORGC5_000629A** SeqNo: **94758**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	4.671	1.0	10.0	0	46.7%	38	109	5.13	9.31%	20	
N-Tricosane	1.11	0.10	1.00	0	111%	43	138	1.09	1.44%	20	

Sample ID **LCS-2214** Batch ID: **2214** Test Code: **TPHDIW** Units: **µg/L** Analysis Date **6/27/00 4:59:18 PM** Prep Date **6/24/00**
Client ID: Run ID: **ORGC5_000627A** SeqNo: **94170**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	366.6	50	500	0	73.3%	37	91	0			
N-Tricosane	56.0	0.10	50.0	0	112%	43	146	0			

Sample ID **LCSD-2214** Batch ID: **2214** Test Code: **TPHDIW** Units: **µg/L** Analysis Date **6/27/00 5:35:32 PM** Prep Date **6/24/00**
Client ID: Run ID: **ORGC5_000627A** SeqNo: **94171**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	439.5	50	500	0	87.9%	37	91	367	18.1%	16	R
N-Tricosane	59.5	0.10	50.0	0	119%	43	146	56.0	6.08%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

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Chain of Custody

LABORATORY NUMBER: 00-06483

Attention: Frank Lowman of Shelby Sachs
Results & Invoice to: SHN
Address: 812 W. WABASH EUREKA, CA 95501
fx: 707 441-8877
Phone: 707 441-8855
Copies of Report to:
Sampler (Sign & Print): Shelby Sachs, SHELBY SACHS

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☑ STD (2–3 Wk) ☐ Other:
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By:__/__/__
Final Report: FAX ☐ Verbal ☐ By:__/__/__

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

PROJECT INFORMATION
Project Number: 00060
Project Name: Simpson Salmon
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	PRESERVATIVE	CONTAINER	ANALYSIS: DIESEL (TPHD)	ANALYSIS: BTEX
	061900-01	6/19/00	0855	S		14	X	X
	061900-02		0930	S			X	X
	061900-03		0935	S			X	X
	061900-04		1049	S			X	X
	061900-05		1114	S			X	X
	061900-06		1210	S			X	X
	061900-07		1255	S			X	X
	061900-08		1310	S			X	X
	061900-09		1515	S			X	X
	061900-10		1545	S			X	X

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Shelby Sachs SHELBY SACHS	6/19/00 0900	[signature]	6/20/00 11:15am

SAMPLE DISPOSAL
☑ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata • CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

LABORATORY NUMBER:

Attention: Frank Lowman of SHELBY/SACHS
Results & Invoice to: SHW
Address: 812 W. WABASH EUREKA, CA 95501
Fx. 707 441 8877
Phone: 707 441-8855
Copies of Report to:
Sampler (Sign & Print): Shelby Sachs SHELBY SACHS

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☒ STD (2–3 Wk) ☐ Other:
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By:__/__/__
Final Report: FAX ☐ Verbal ☐ By:__/__/__

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

PROJECT INFORMATION

Project Number: 000700
Project Name: SIMPSON SAMOA
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	PRESERVATIVE	CONTAINER	ANALYSIS: TOTAL N	ANALYSIS: TOTAL P
	061900-01	6/19/00	9:20	GW		5	X	X
	061900-02		9:45				X	X
	061900-03		9:05				X	X
	061900-05		11:55				X	X
	061900-06		12:10				X	X
	061900-07		12:55				X	X
	061900-08		1:30				X	X
	061900-09		3:15				X	X
	061900-10		3:45				X	X

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

*There is no ID# 061900-04

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Shelby Sachs SHELBY SACHS	6/20/00 0900	Jeremy Tauscher	6/20/00 11:15am

SAMPLE DISPOSAL
☒ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

SOIL EXCAVATION AND SITE INVESTIGATION REPORT OF FINDINGS SIMPSON UST INVESTIGATION SAMOA, CALIFORNIA LOP NO. 12719

Prepared for:

SIMPSON SAMOA CORPORATION
KORBEL, CALIFORNIA

Consulting Engineers & Geologists, Inc.
812 W. Wabash Ave.
Eureka, CA 95501-2138
707/441-8855

JULY 2000

Reference: 099136

SOIL EXCAVATION AND SITE INVESTIGATION REPORT OF FINDINGS SIMPSON UST INVESTIGATION SAMOA, CALIFORNIA LOP NO. 12719

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July 2000



QA/QC:JJA

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1.0 INTRODUCTION

This report discusses the results of soil excavation and additional subsurface investigation activities conducted in the area of a former underground storage tank (UST) used to store gasoline at the Simpson Samoa Corporation (SSC) facility. The site area is in the northern portion of the SSC Samoa facility as shown on Figure 1. Activities performed for additional investigation work included the further excavation of 1,600 cubic yards (yd^3) of contaminated soil near the tank pit area shown in Figure 2.

1.1 Background

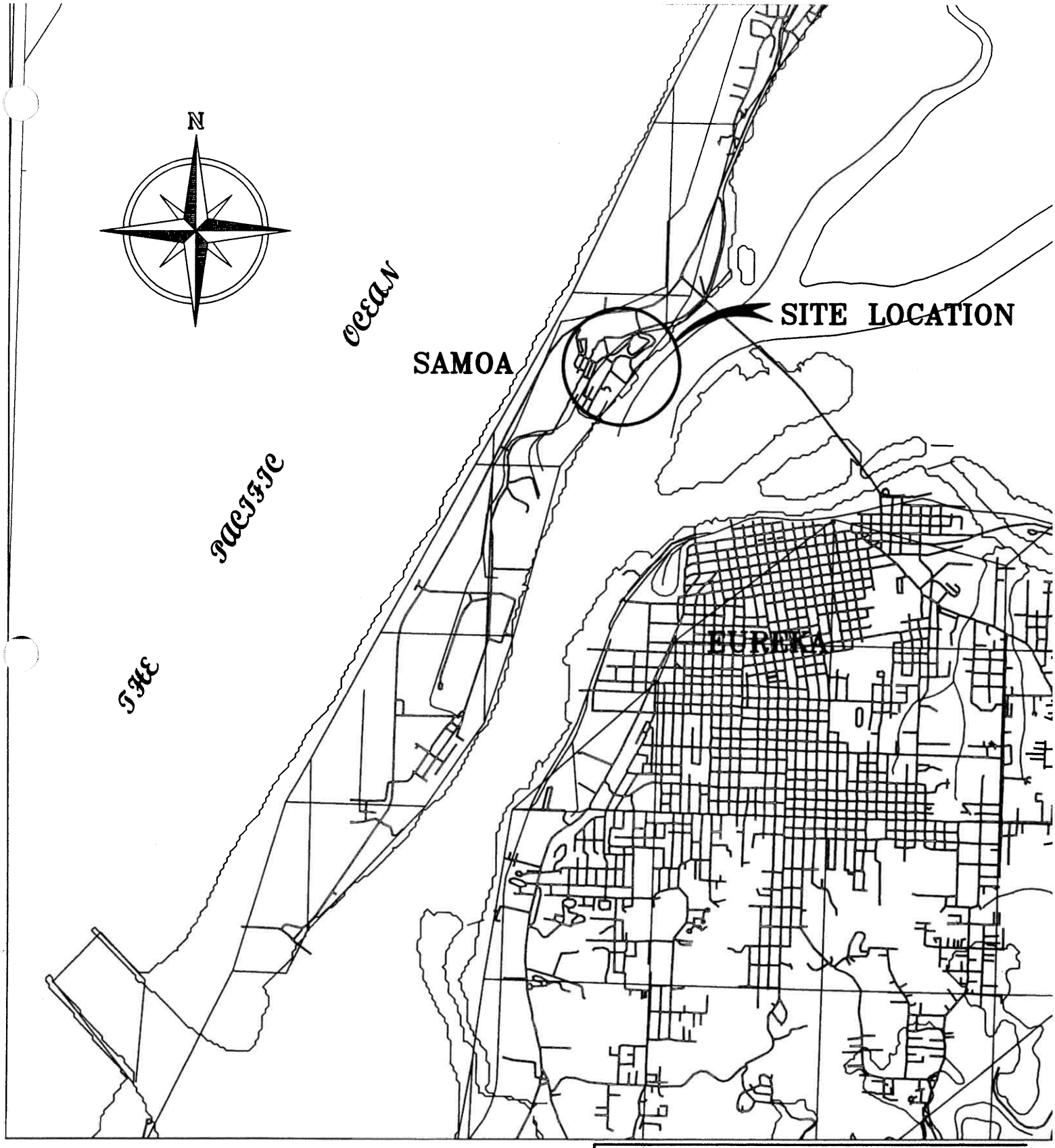
On July 12, 1999, North Coast Environmental Construction removed one 1,000-gallon gasoline UST from the Simpson Samoa facility. The former UST location is shown in Figure 2. Two soil samples were collected from the east and west sidewalls of the excavation at a depth of approximately 3 feet below ground surface (BGS). Groundwater had entered the excavation at a depth of approximately 3.5 feet BGS. One groundwater sample was collected from the excavation pit. Soil and groundwater analytical results are summarized in Table 1.

TABLE 1
UST REMOVAL SOIL AND GROUNDWATER ANALYTICAL RESULTS
SIMPSON SAMOA CORPORATION, SAMOA, CA
(Soil - ug/g, Water - ug/l)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]	TB[4]	M[5]	ETH[6]	LEAD[7]
Soil											
ES-1	07/12/99	990	3.1	<8.0[8]	8.3	1.6	<5.0	NA[9]	NA	NA	18
ES-2	07/12/99	760	0.0085	0.0063	<0.005	0.16	<0.005	0.017	<0.20	0.22	NA
Water											
W-1	07/12/99	17,000	2,300	64	550	67	<5.0	<50	870	<50	NA

1) TPHG - Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX - Benzene, toluene, ethylbenzene, and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE - Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) TB - Tert-butanol, analyzed in accordance with EPA Method No. 8260B.
5) M - Methanol, analyzed in accordance with EPA Method No. 8260B.
6) ETH - Ethanol, analyzed in accordance with EPA Method No. 8260B.
7) Lead - Analyzed in accordance with EPA Method No. 200.9, reported in micrograms per gram.
8) "<" denotes "less than."
9) NA - Not analyzed.

Each soil sample was analyzed for total petroleum hydrocarbons as gasoline (TPHG); benzene, toluene, ethylbenzene, and total xylenes (BTEX); methyl tert butyl ether (MTBE); and lead. The groundwater sample was analyzed for TPHG, BTEX, and MTBE.

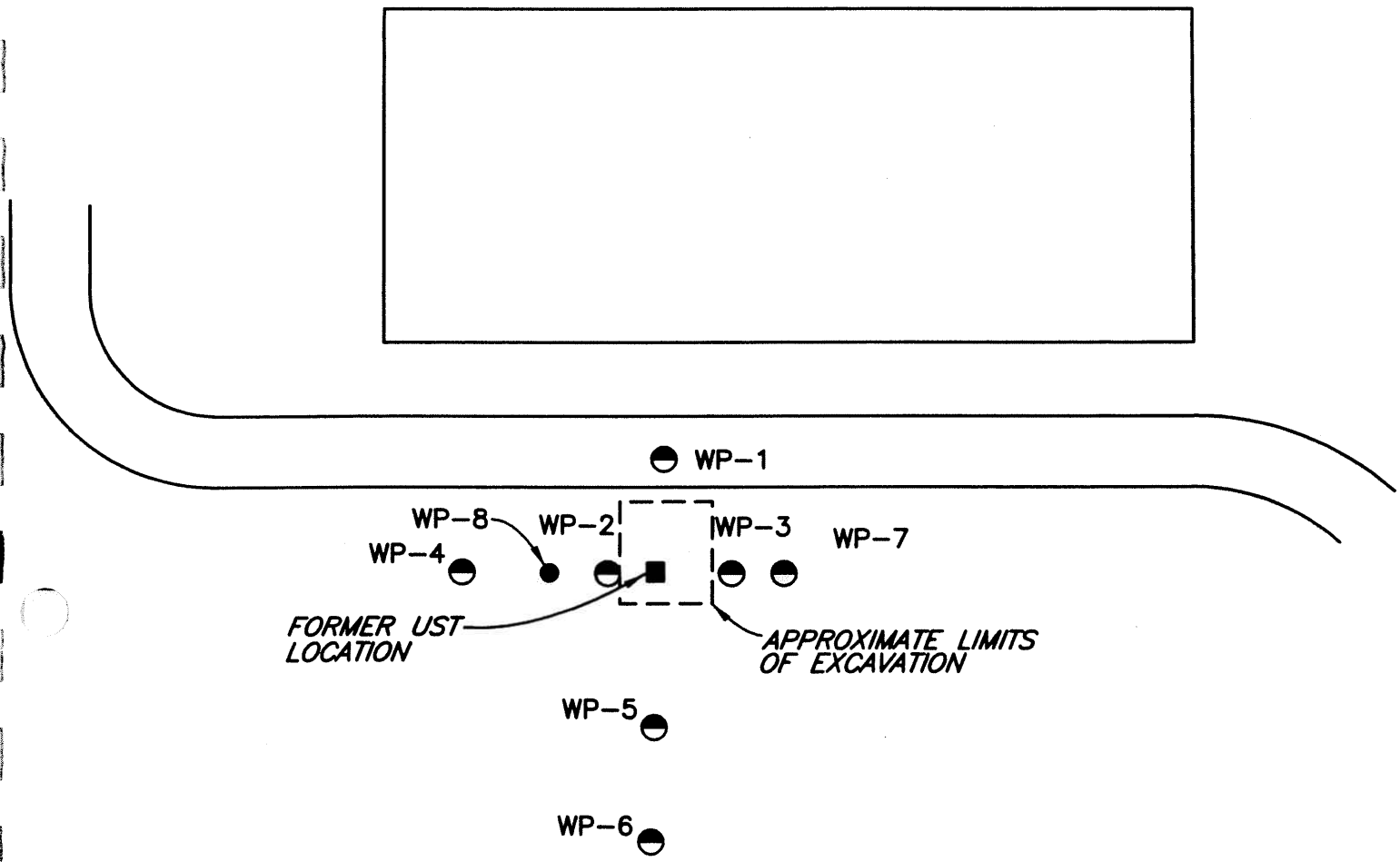


SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

SITE LOCATION MAP

SHN 099136
JULY, 2000

FIGURE 1



EXPLANATION

WP-4 ◒ *BORING/ WELL POINT LOCATION AND DESIGNATION*

WP-8 ● *BORING LOCATION AND DESIGNATION*

1"=60'

SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

SITE MAP SHOWING FORMER UST LOCATION

SHN 099136
JULY, 2000

FIGURE 2

I:/FINICAD/1999/099136/099136.FIG1.DWG.DWG

The water sample and one soil sample were also analyzed for the following fuel oxygenates and lead scavengers:

Diisopropyl ether (DIPE)	Ethyl-t-butyl ether (ETBE)
Tert-amyl methyl ether (TAME)	Tert-butanol
Methanol	Ethanol
1,2-Dichloroethane (1,2-DCA)	Chlorobenzene
1,2-Dichlorobenzene (1,2-DCB)	1,3-Dichlorobenzene (1,3-DCB)
1,4-Dichlorobenzene (1,4-DCB)	1,2-Dibromomethane

The excavation was subsequently backfilled with clean fill material, and compacted. The UST was transported to Hansen Scrap Metal in Fortuna, California for disposal (SHN, August 1999). Analytical results of soil and water samples collected from the excavation indicated the presence of petroleum hydrocarbons in soil and groundwater. Based on these results, the Humboldt County Division of Environmental Health (HCDEH) requested that additional site investigation be conducted.

On November 8, 1999, SHN conducted a site investigation, including:

1. Drilling and sampling of eight soil borings (borings WP-1 through WP-8)
2. The installation and sampling of seven well points (well points WP-1 through WP-7)

Analytical results indicated the presence of petroleum hydrocarbon-impacted soil and groundwater in the vicinity of the former UST location. Analytical results in soil and groundwater are presented in Figures 3 and 4, respectively, and are summarized in Table 2.

TABLE 2
PRELIMINARY SITE INVESTIGATION SOIL AND GROUNDWATER ANALYTICAL RESULTS
SIMPSON SAMOA CORPORATION, SAMOA, CA
(Soil - ug/g, Water - ug/l)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]	M[4]
Soil								
WP-1(3-3.5)	11/08/99	<1.0[5]	<0.005	<0.005	<0.005	<0.005	<0.05	NA[6]
WP-2(3)	11/08/99	**4,000**	**19**	<50	<80	<20	<20	NA
WP-3(3-4)	11/08/99	**15**	**0.032**	<0.060	<0.020	<0.020	<0.05	NA
WP-4(3.5)	11/08/99	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
WP-5(2-2.5)	11/08/99	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
WP-6(4)	11/08/99	<1.0	<0.005	0.0064	<0.005	**0.0091**	<0.05	NA
WP-7(1.2-2.2)	11/08/99	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
WP-8(3-3.2)	11/08/99	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA

TABLE 2 (CONTINUED)
PRELIMINARY SITE INVESTIGATION SOIL AND GROUNDWATER ANALYTICAL RESULTS
SIMPSON SAMOA CORPORATION, SAMOA, CA
(Soil - ug/g, Water - ug/l)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]	M[4]
Water								
WP-1	11/08/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	**65**
WP-2	11/08/99	**460,000**	**5,900**	**200**	**2,000**	**820**	<50	<5,000
WP-3	11/08/99	**1,200**	**8.7**	**5.0**	**2.3**	**1.8**	<0.50	<50
WP-4	11/08/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50
WP-5	11/08/99	**2,900**	**0.85**	**0.70**	<0.50	**0.69**	<0.50	**140**
WP-6	11/08/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50
WP-7	11/08/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50

1) TPHG = Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX = Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE = Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) M = Methanol, analyzed in accordance with EPA Method No. 8260B.
5) "<" = Denotes "less than."
6) NA = Not analyzed.

Based on the results of the November 1999 site investigation, SHN recommended that additional limited excavation be conducted, and groundwater monitoring wells be installed to assess groundwater conditions beneath the site. This report discusses the results of additional soil excavation and groundwater monitoring related activities.

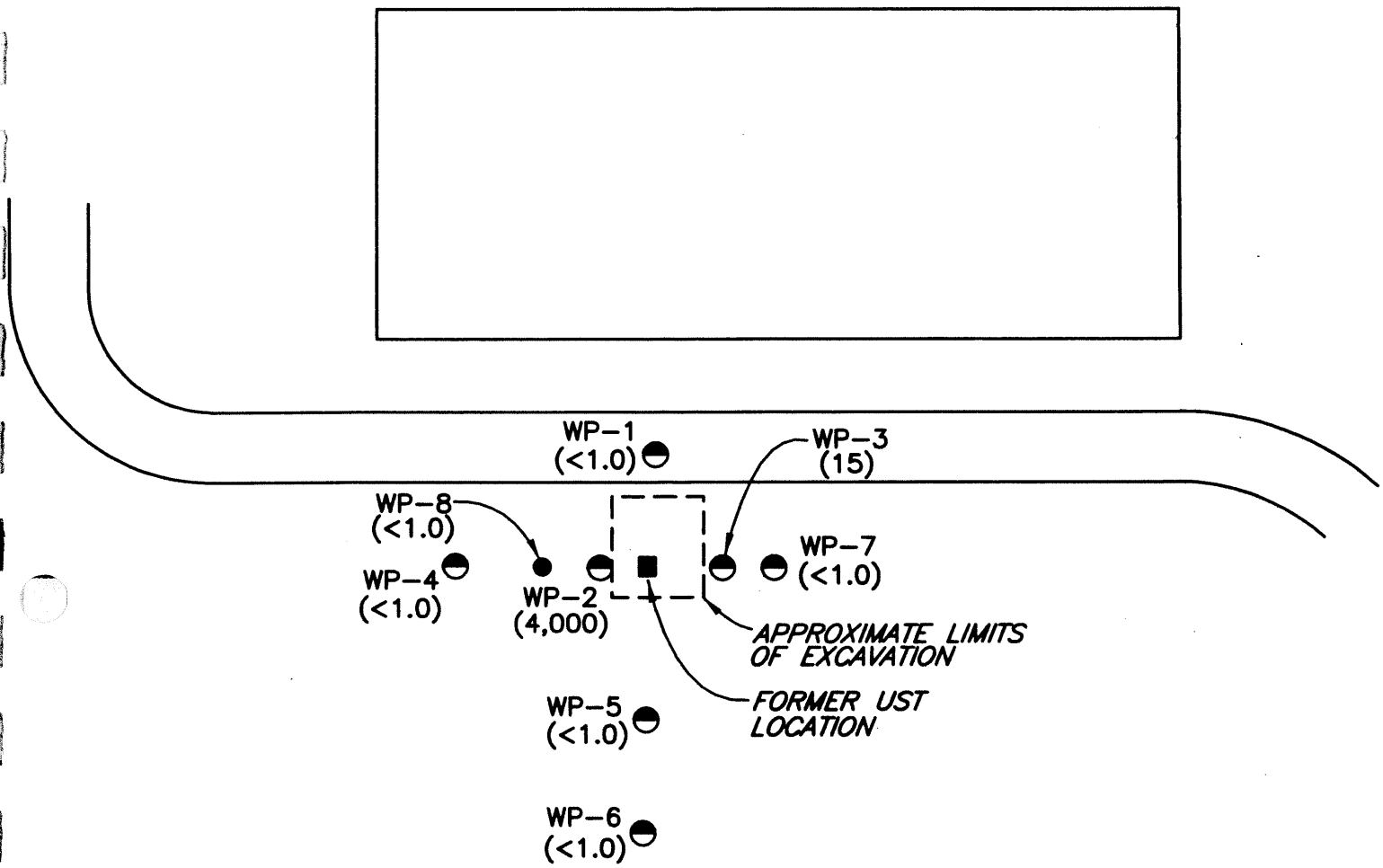
2.0 OBJECTIVE

The objective of this work was to conduct additional limited soil excavation for the removal of source area contaminated soil, and to install groundwater monitoring wells to assess groundwater conditions at the site.

3.0 SCOPE OF WORK

The scope of work presented below was intended to meet the objective of this investigation.

- Excavation of source area contaminated soil.
- Installation of four groundwater monitoring wells.
- Prepare this report discussing the results of the field program.
- Make recommendations for the site.



EXPLANATION

WP-4 ◓ *BORING/ WELL POINT LOCATION AND DESIGNATION*

WP-8 ● *BORING LOCATION AND DESIGNATION*

(<1.0) *WITH TPHG CONCENTRATION IN SOIL IN mg/kg*

1"=60'

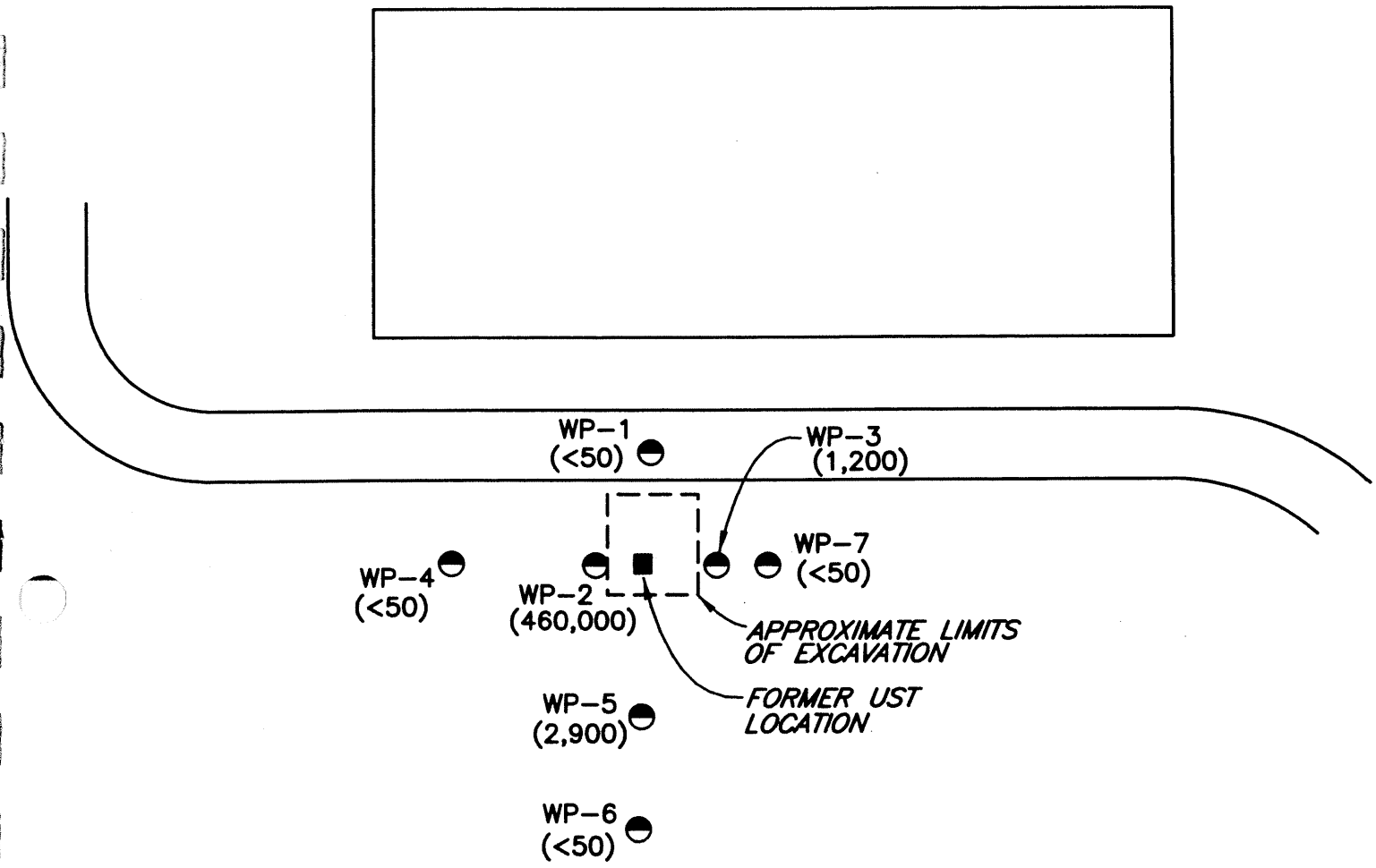
SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

SITE MAP SHOWING TPHG CONCENTRATIONS IN SOIL

SHN 099136
JULY, 2000

FIGURE 3

I:/FINICAD/1999/099136/099136.FIG1.DWG.DWG



EXPLANATION

WP-4 ◓ *BORING/ WELL POINT LOCATION AND DESIGNATION*

(<50) *WITH TPHG CONCENTRATION IN GROUNDWATER IN ug/l*

1"=60'

SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

SITE MAP SHOWING TPHG CONCENTRATIONS IN GROUNDWATER

SHN 099136
JULY, 2000

FIGURE 4

I:/FINICAD/1999/099136/099136.FIG1.DWG.DWG

3.1 Field Program

Results of soil and groundwater samples collected during the November 1999 site investigation indicated that soil and groundwater beneath the site was impacted with TPHG and BTEX. Based on this information, additional soil excavation was conducted, and a groundwater monitoring program was implemented with the installation of four groundwater monitoring wells.

3.2 Soil Excavation

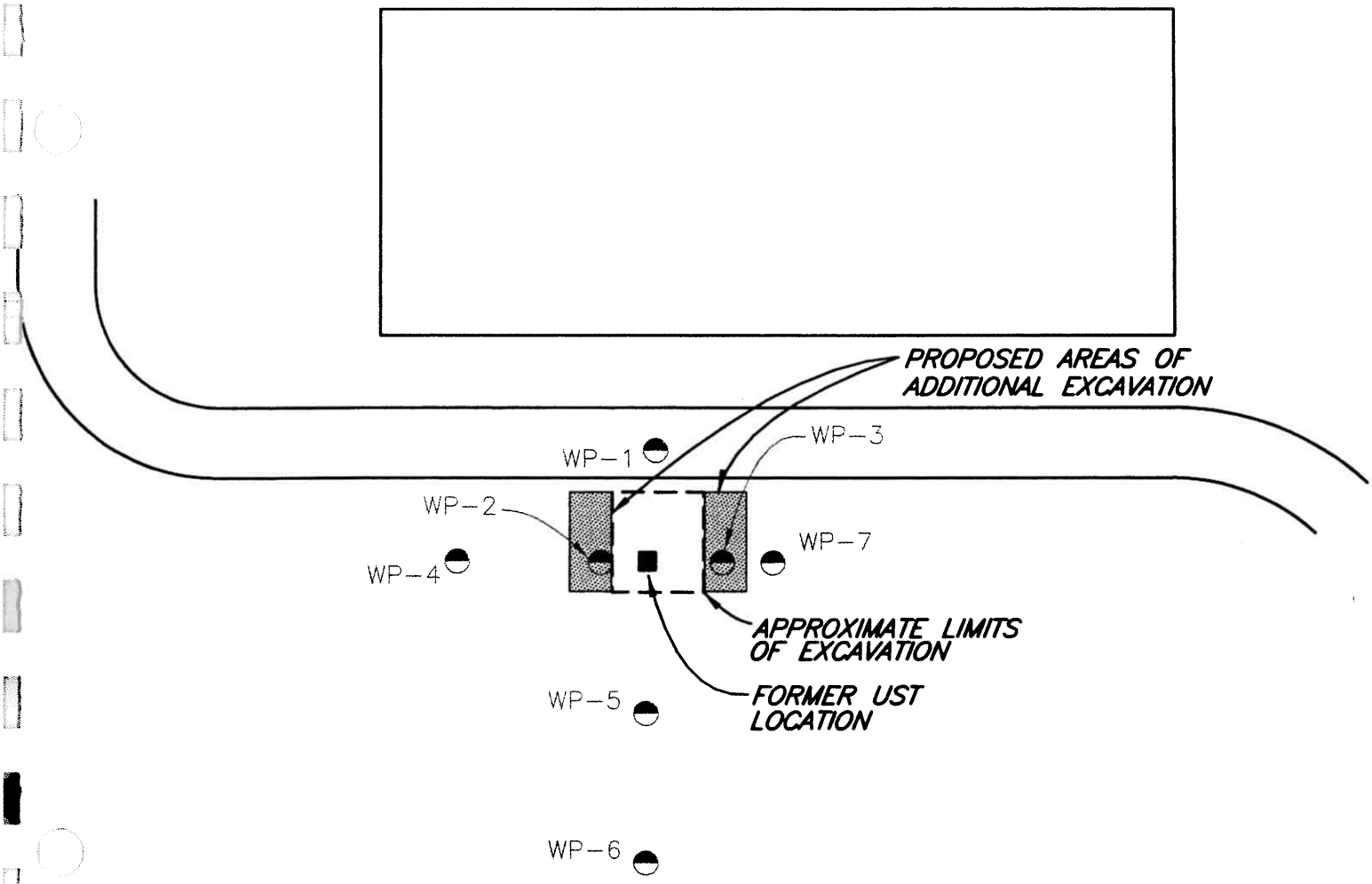
On January 25, 2000, NCEC began additional soil excavation activities. The area proposed for additional soil excavation is shown on Figure 5. As excavation progressed, it became apparent that the extent of soil contamination to the east was more extensive than had been identified during the well point investigation. Excavation continued until February 2, 2000. The excavation extended approximately 95 feet to the east of the access road that borders the west end of the excavation area. At approximately 95 feet to the east of the access road, a concrete foundation was discovered that appeared to have acted as a barrier, since soil contamination was not observed on the east side of the foundation. Excavation was stopped at this point. Soil samples were collected from several locations along the excavation sidewalls and bottom for laboratory analysis. Each soil sample was analyzed for TPHG, BTEX, and MTBE. A site map showing the extent of the excavation program and sidewall sample locations is presented as Figure 6. Approximately 1,600 cubic yards of soil were excavated and are being temporarily stored in two large buildings on the Simpson property. SSC has sampled the soil stockpile and has submitted bid packets to qualified contractors for the transportation and disposal of the soil stockpile.

3.3 Soil Boring and Monitoring Well Installation

On May 11, 2000, SHN supervised the installation of four groundwater monitoring wells. Soil borings (MW-1 through MW-4) were drilled and sampled in the subject site area utilizing a truck-mounted hollow stem auger rig. Soil samples were collected from each boring at approximate 5-foot intervals, changes in lithology, and above the water table for lithologic interpretation and possible chemical analysis. One soil sample from each boring was submitted to North Coast Laboratories (NCL), a State of California certified analytical laboratory for chemical analysis. Each soil sample was analyzed for TPHG, BTEX, and MTBE using the analytical methods discussed in Section 3.6.

Each soil boring was then converted into a groundwater monitoring well. The monitoring wells will be used to assess groundwater conditions in the vicinity of the former UST location. The soil boring/monitoring well locations are shown on Figure 7.

Each monitoring well was constructed using 2-inch I.D., PVC casing and screen, with a screened interval from 5 feet to 15 feet BGS. Schedule 40 PVC well screen with 0.010 well slots was used with a 2/12 filter pack grain size. Each well was developed on June 8, 2000, using surge and purge techniques. Before well development, each monitoring well was measured for depth



1"=60'

HUMBOLDT BAY

EXPLANATION

WP-4 *EXISTING BORING/ WELL POINT LOCATION AND DESIGNATION*

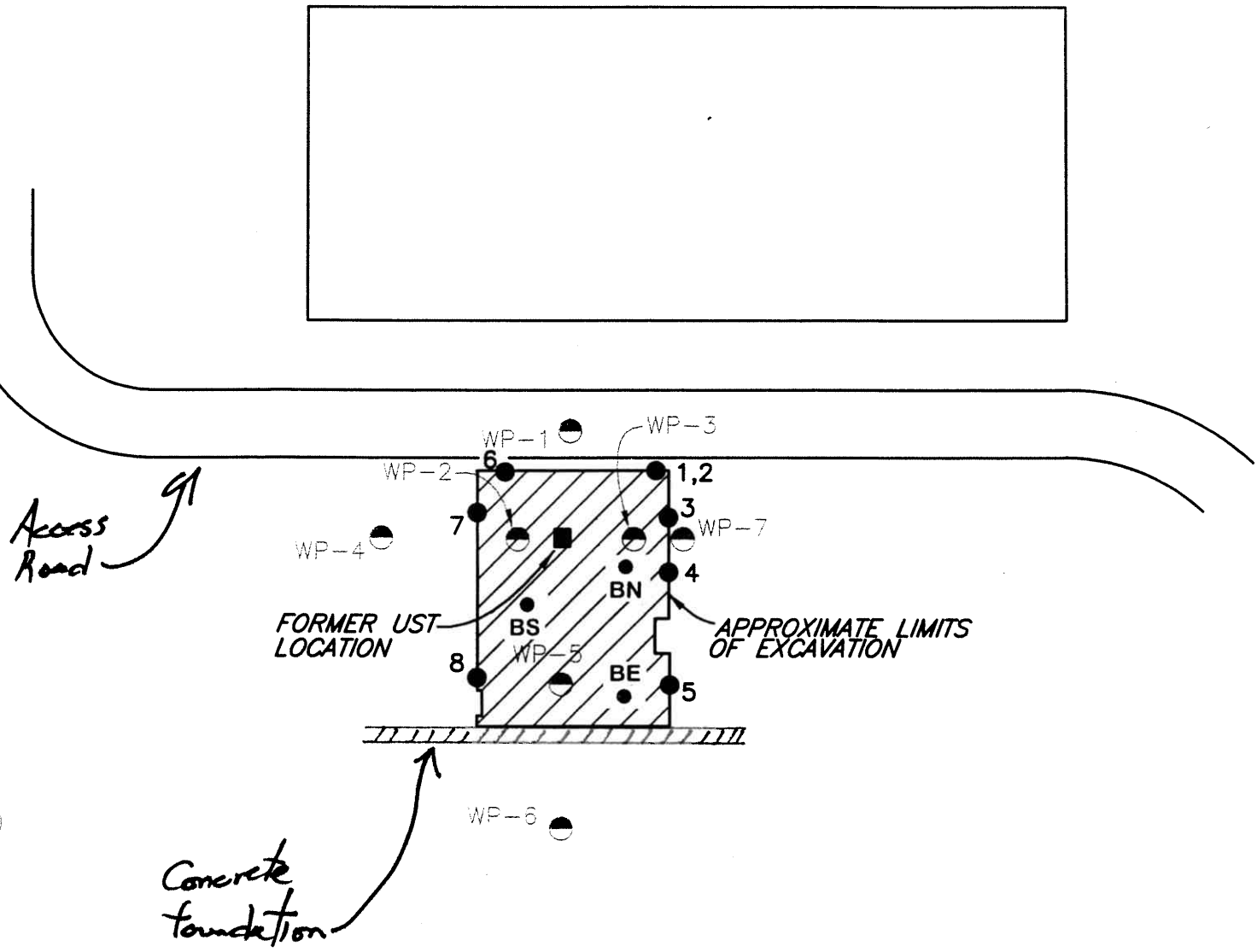
I:/FINICAD/1999/099136/099136.FIG1.DWG.DWG

SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

SITE MAP SHOWING PROPOSED SOIL EXCAVATION AREAS

SHN 099136
JULY, 2000

FIGURE 5



1"=60'

HUMBOLDT BAY

EXPLANATION

WP-4 — EXISTING BORING/ WELL POINT LOCATION AND DESIGNATION

7 — EXCAVATION SIDEWALL SAMPLE LOCATION AND DESIGNATION

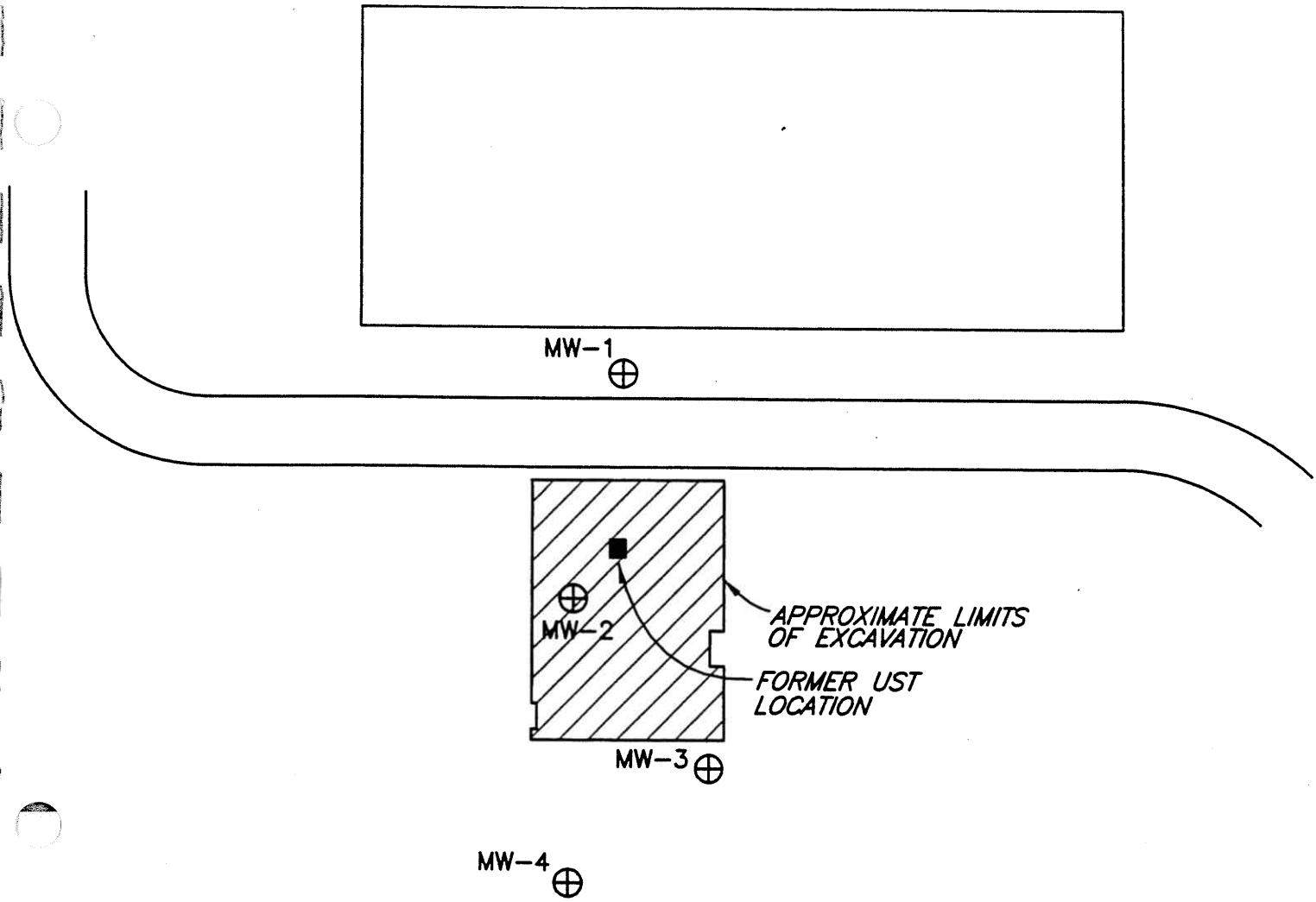
SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

SITE MAP SHOWING EXTENT OF SOIL EXCAVATION AND CONFIRMATION SAMPLING LOCATIONS

SHN 099136
JULY, 2000

FIGURE 6

I:/FINICAD/1999/099136/099136X



1"=60'

HUMBOLDT BAY

EXPLANATION

⊕ *MONITORING WELL LOCATION AND DESIGNATION*

SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

SITE MAP SHOWING MONITORING WELL AND SOIL EXCAVATION LOCATIONS

SHN 099136
JULY, 2000

FIGURE 7

I:/FINICAD/1999/099136/099136X

to water and checked for the presence of floating product. Upon completion of well development activities, each well was sampled for water quality analysis. Each groundwater sample was analyzed for TPHG, BTEX, MTBE, iron, manganese, sulfate, nitrate, and the following fuel oxygenates: DIPE, ETBE, TAME, Tert-Butanol, Methanol, and Ethanol. All analyses were conducted by NCL using the analytical methods discussed in Section 3.6. Appendix A presents water quality sampling data sheets.

Each groundwater monitoring well was surveyed for location and elevation under the direction of a California licensed surveyor, and referenced to Mean Sea Level (MSL), to the nearest 0.01 foot. Survey data is presented in Appendix B.

3.4 Equipment Decontamination Procedures

All drilling equipment was cleaned prior to bringing it on site, and steam cleaned between borings. All soil and groundwater sampling equipment was cleaned by triple washing with distilled water and laboratory glass cleaner. All water samples were collected using pre-cleaned, disposable bailers, and transferred into laboratory supplied containers.

3.5 Soil and Water Disposal

The soil cuttings generated during the drilling operation were added to the existing soil stockpile that is currently being stored on site, and will be disposed of with the existing soil.

Water used in the decontamination of tools and all well purge water was transported to the SHN purge water storage facility for testing and proper disposal.

3.6 Laboratory Analysis

All soil and groundwater samples were analyzed for TPHG, BTEX, and the fuel oxygenates (including MTBE) using the following methods. TPHG analysis of soil samples was conducted in accordance with EPA Method No. 5035/GC-FID. BTEX and MTBE analyses of soil samples were conducted in accordance with EPA Method No. 8021 B/5035. Analysis of groundwater samples for TPHG, BTEX, and the fuel oxygenates was conducted in accordance with EPA Method No. 8260B.

Nitrate and sulfate analyses were conducted in accordance EPA Method No. 300.0. Iron and manganese analyses were conducted in accordance EPA Method No. 200.7

4.0 FIELD PROGRAM RESULTS

4.1 Soil Excavation

Between January 25, 2000, and February 2, 2000, approximately 1,600 cubic yards of petroleum hydrocarbon-impacted soil was excavated from the site. A site map showing the final limits of the excavated area is presented in Figure 6. Upon completion of soil excavation activities, 11 soil samples were collected from the sidewalls and base of the excavation to assess the effectiveness of soil excavation activities in removing source area contaminated soil. Soil sample locations are shown in Figure 6.

TPHG was found in two soil samples collected from the excavation at concentrations of 4.2 ug/g (sample 5), and 1.1 ug/g (sample BN). TPHG was not detected in any other soil samples submitted for analysis.

Total xylenes were found in two soil samples collected from the excavation at concentrations of 0.0072 ug/g (sample 7), and 0.0083 ug/g (sample BE). No other BTEX compounds were detected in any soil samples submitted for analysis. MTBE was not detected in any soil samples submitted for analysis.

Excavation soil analytical results are summarized in Table 3. Laboratory analytical reports are presented in Appendix C.

TABLE 3
SOIL ANALYTICAL RESULTS
EXCAVATION SIDEWALL AND FLOOR SAMPLES
SIMPSON SAMOA CORPORATION, SAMOA, CA
(in ug/g)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]
1	2/03/00	<1.0[4]	<0.005	<0.005	<0.005	<0.005	<0.05
2	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
3	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
4	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
5	2/03/00	4.2	<0.005	<0.005	<0.005	<0.010	<0.05
6	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
7	2/03/00	1.0	0.009	<0.005	<0.005	0.0072	<0.05
8	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
BN	2/03/00	1.1	<0.005	<0.005	<0.005	<0.005	<0.05
BS	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
BE	2/03/00	<1.0	<0.005	<0.005	<0.005	0.0083	<0.05

1) TPHG = Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX = Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE = Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) "<" denotes "less than."

4.2 Monitoring Well Installation and Sampling

On May 11, 2000, SHN supervised the installation of four groundwater monitoring wells. These wells were installed to assess post-excavation groundwater conditions

4.2.1 Subsurface Lithology

The subsurface lithology consists primarily of fine-grained sand with minor silt, overlain by gravely and sandy fill material. Soil boring logs are presented in Appendix A.

4.2.2 Petroleum Hydrocarbon Results

TPHG was detected in the soil sample collected from boring MW-2 at a concentration of 5.1 ug/g. TPHG was not detected in any other soil samples submitted for laboratory analysis. Components of BTEX were found in soil samples collected from borings MW-2, MW-3, and MW-4, including benzene concentrations of 0.57 ug/g and 0.0061 ug/g in soil samples collected from borings MW-2 and MW-3, respectively. Soil analytical results, including other components of BTEX that were detected, are summarized in Table 4. Laboratory analytical reports are presented in Appendix C.

TABLE 4
SOIL ANALYTICAL RESULTS
MONITORING WELL INSTALLATION,
SIMPSON SAMOA CORPORATION, SAMOA, CA
(in ug/g)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]
Soil							
MW-1 2.0	05/11/00	<1.0[4]	<0.005	<0.005	<0.005	<0.005	<0.050
MW-2 5.0	05/11/00	5.1	0.57	0.042	0.019	0.042	<0.050
MW-3 4.0	05/11/00	<1.0	0.0061	0.0061	<0.005	<0.005	<0.050
MW-4 3.5	05/11/00	<1.0	<0.005	0.0054	<0.005	0.0062	<0.050

1) TPHG = Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX = Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE = Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) "<" denotes "less than."

TPHG was not detected in any groundwater samples collected from the newly installed groundwater monitoring wells. Benzene was detected in the groundwater sample collected from monitoring well MW-2 at a concentration of 2.9 ug/l. No other components of BTEX were found in groundwater samples submitted for laboratory analysis. Groundwater analytical results are summarized in Table 5. Laboratory analytical reports are presented in Appendix C.

TABLE 5
PETROLEUM HYDROCARBON GROUNDWATER ANALYTICAL RESULTS
MONITORING WELL INSTALLATION
SIMPSON SAMOA CORPORATION, SAMOA, CA
(in ug/l)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	OX[3]	M[4]
MW-1	06/08/00	<50[5]	<0.50	<0.50	<0.50	<0.50	<0.50	290
MW-2	06/08/00	<50	2.9	<0.50	<0.50	<0.50	<0.50	<50
MW-3	06/08/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	470
MW-4	06/08/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50

1) TPHG = Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX = Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) Fuel oxygenates, analyzed in accordance with EPA Method No. 8020.
4) M = Methanol, analyzed in accordance with EPA Method No. 8260B.
5) "<" denotes "less than."

Methanol was detected in groundwater samples collected from wells MW-1 and MW-3 at concentrations of 290 ug/l and 470 ug/l, respectively. Methanol was not detected in the groundwater samples collected from wells MW-2 and MW-4. Groundwater analytical results are summarized in Table 6. Laboratory analytical reports are presented in Appendix C.

Groundwater samples from monitoring wells MW-1, MW-2, MW-3, and MW-4 were analyzed for nitrate, sulfate, iron, and manganese. Sulfate was detected in all four monitoring wells at concentrations ranging from 4.8 ug/l to 8.7 ug/l. Higher sulfate concentrations were found in wells MW-1 and MW-4, when compared to concentrations found in wells MW-2 and MW-3, indicating that biodegradation may be occurring. Wells MW-1 and MW-4 are both outside of the former source area. Iron was detected in samples collected from wells MW-1 and MW-2 in concentrations of 130 and 110 ug/l, respectively. Manganese was detected in all four monitoring wells in concentrations ranging from 15 ug/l to 190 ug/l. Concentration trends observed for both iron and manganese were inconclusive as indicators that biodegradation was occurring. A general discussion of intrinsic biodegradation is presented in Appendix D. Analytical results are summarized in Table 6. Laboratory analytical reports are presented in Appendix C.

TABLE 6
BIODEGRADATION INDICATOR GROUNDWATER ANALYTICAL RESULTS
MONITORING WELL INSTALLATION,
SIMPSON SAMOA CORPORATION, SAMOA, CA
(Groundwater – ug/l)

SAMPLE LOCATION	SAMPLE DATE	NITRATE[1]	SULFATE[2]	IRON[3]	MANGANESE[4]
MW-1	06/08/00	<0.10[5]	8.7	130	68
MW-2	06/08/00	<0.10	6.0	110	49
MW-3	06/08/00	<0.10	4.8	<100	15
MW-4	06/08/00	<0.10	8.7	<100	190

1) Nitrate, analyzed in accordance with EPA Method No. 300.0.
2) Sulfate, analyzed in accordance with EPA Method No. 300.0.
3) Iron (dissolved), analyzed in accordance with EPA Method No. 200.7.
4) Manganese (dissolved), analyzed in accordance with EPA Method No. 200.7.
5) "<" denotes "less than."

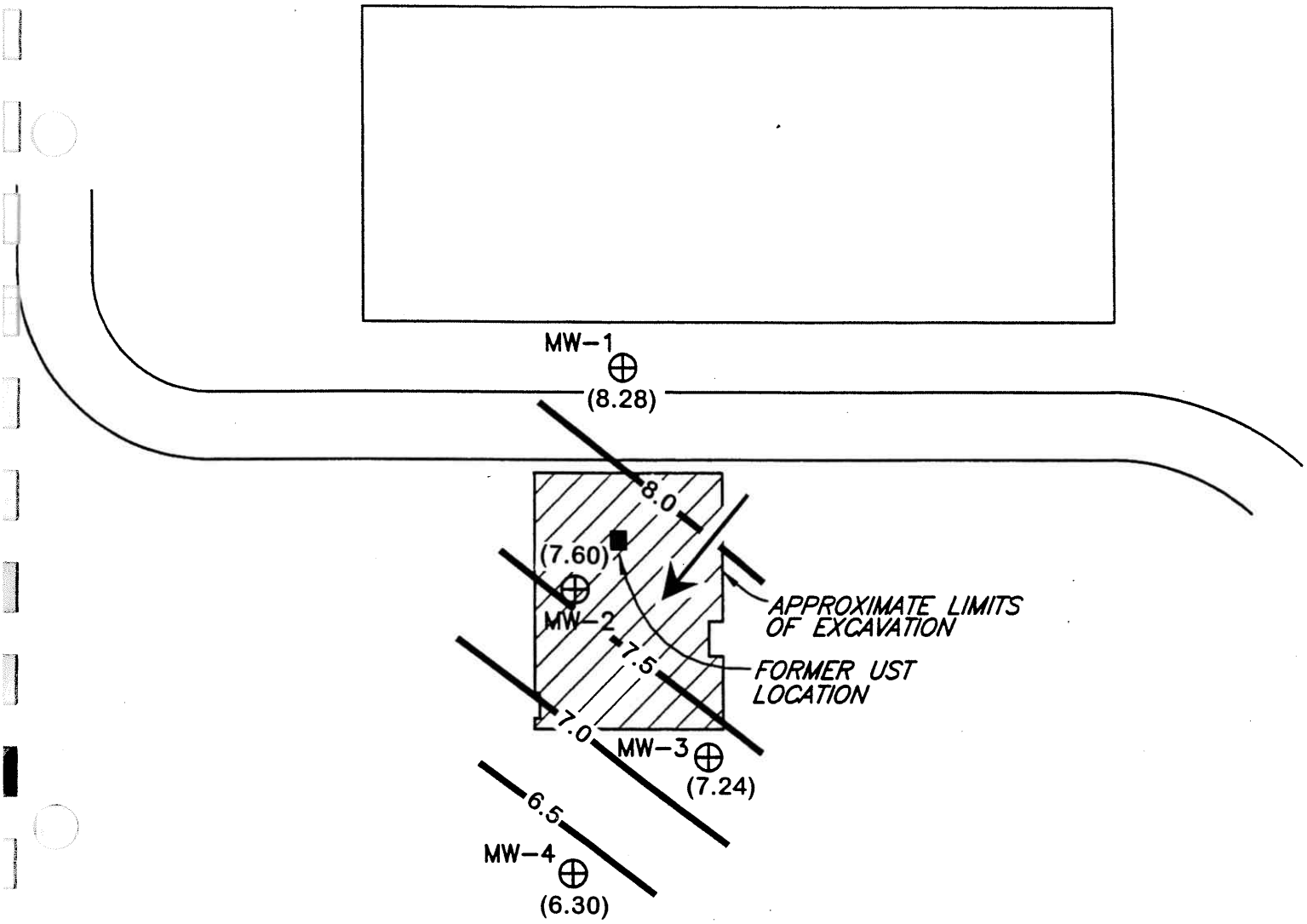
4.2.3 Site Hydrology

Water level data was collected to assess the direction of groundwater flow and estimated gradient during this investigation. Each well was subsequently surveyed for location and elevation under the supervision of a California licensed surveyor. During the June 2000 development/monitoring event, the direction of groundwater flow was to the southeast with an estimated gradient of 0.014 feet per foot. A site map showing the groundwater configuration on June 8, 2000, is presented as Figure 8. Groundwater elevation data is summarized in Table 7.

TABLE 7
GROUNDWATER ELEVATION DATA
SIMPSON SAMOA CORPORATION, SAMOA, CA

SAMPLE LOCATION	SAMPLE DATE	DEPTH TO WATER[1] (ft)	WELL ELEVATION[2] (ft msl)	WATER LEVEL ELEVATION[3] (ft msl)
MW-1	6/8/00	2.00	10.28	8.28
MW-2	6/8/00	2.80	10.40	7.60
MW-3	6/8/00	2.71	9.95	7.24
MW-4	6/8/00	4.78	11.08	6.30

1) Depth to water measured in feet below top of casing.
2) Top of casing elevation in feet above mean sea level
3) Groundwater elevation in feet above mean sea level.



1"=60'

HUMBOLDT BAY

EXPLANATION

⊕ (7.24) MONITORING WELL LOCATION WITH GROUNDWATER ELEVATION, IN FEET MSL

—7.5— CONTOUR OF EQUAL GROUNDWATER ELEVATION, IN FEET MSL

→ ESTIMATED DIRECTION OF GROUNDWATER FLOW

SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

GROUNDWATER CONTOURS JUNE 8, 2000

SHN 099136
JULY, 2000

FIGURE 8

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this site investigation, it appears that soil and groundwater beneath the site have been impacted with TPHG, BTEX, and methanol. The highest concentrations in soil and groundwater appear to be near monitoring well location MW-2, within the former UST excavation pit. TPHG concentrations were also found in groundwater collected from monitoring well MW-2.

SHN recommends that additional groundwater monitoring be conducted at the site for a period of one year in order to confirm groundwater conditions at the site. Upon completion of one year of groundwater monitoring, the data will be evaluated, and a recommendation for the site will be made.

Additional groundwater monitoring will consist of quarterly monitoring of the newly installed wells for petroleum hydrocarbon, and biodegradation indicator monitoring. Each groundwater monitoring well will be monitored for dissolved oxygen, dissolved carbon dioxide, and oxidation/reduction potential, purged, and sampled. Each groundwater sample will be analyzed for TPHG, BTEX, MTBE, nitrate, sulfate, dissolved iron, dissolved manganese, and dissolved methane. Upon receipt of analytical results, a quarterly groundwater monitoring report will be prepared for submittal to the HCDEH.

REFERENCE

SHN Consulting Engineers & Geologists, Inc. (August 23, 1999) Report of Underground Storage Tank Removal, Simpson Samoa Wood Mill. Eureka: SHN.

APPENDIX A

BORING LOGS/FIELD NOTES

HOLE NUMBER MW-1

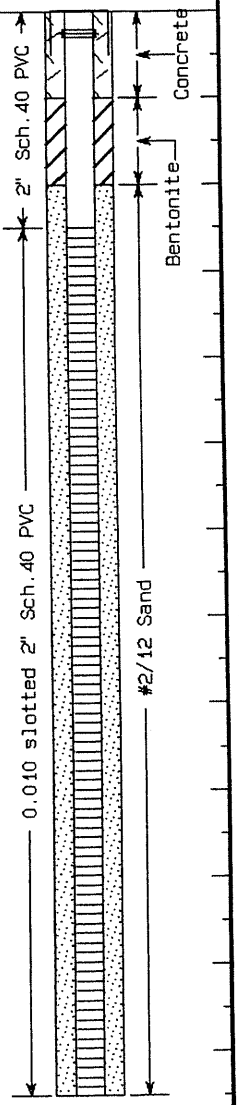
PROJECT Simpson Samoa Wood Mill
LOCATION Samoa
GROUND SURFACE ELEVATION
EXCAVATION METHOD Hollow Stem Auger
LOGGED BY LKS

JOB NUMBER 099136
DATE DRILLED 5/11/00
SAMPLER TYPE Modified California Split Spoon
TOTAL DEPTH OF HOLE 12.5ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION
	0					ASPHALT CONCRETE
	1					FILL, gravel, sandy, silty, light gray.
MW-1 2.0' @ 1445 Saturated sample	2		5			
	3		9			
	4		11			
	5					
	6					
	7					
	8					
	9		2			
	10		2			
	11		2			
	12					Bottom of boring at 12.5 feet
	13					
	14					
	15					

Top of Casing Elev: ft.

WELL DIAGRAM



HOLE NUMBER MW-2

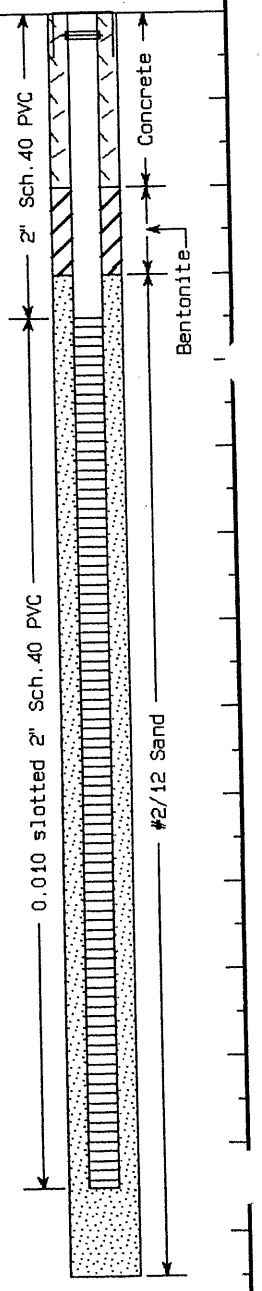
PROJECT Simpson Samoa Wood Mill
LOCATION Samoa
GROUND SURFACE ELEVATION
EXCAVATION METHOD Hollow Stem Auger
LOGGED BY LKS

JOB NUMBER 099136
DATE DRILLED 5/11/00
SAMPLER TYPE Modified California Split Spoon
TOTAL DEPTH OF HOLE 14.5ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION
	1					FILL, gravel, sandy, silty, light gray.
	2					
	3					
	4		9			
			11			
MW-2 5.0' @ 845	5		15			
	6				SP	SAND, fine, gray, with some organics.
	7					
	8					
	9		3			Becomes saturated.
			5			
	10		7			
	11					
	12					
	13					
Heaving sand.	14					
	15					Bottom of boring at 14.5 feet

Top of Casing Elev: ft.

WELL DIAGRAM



HOLE NUMBER MW-3

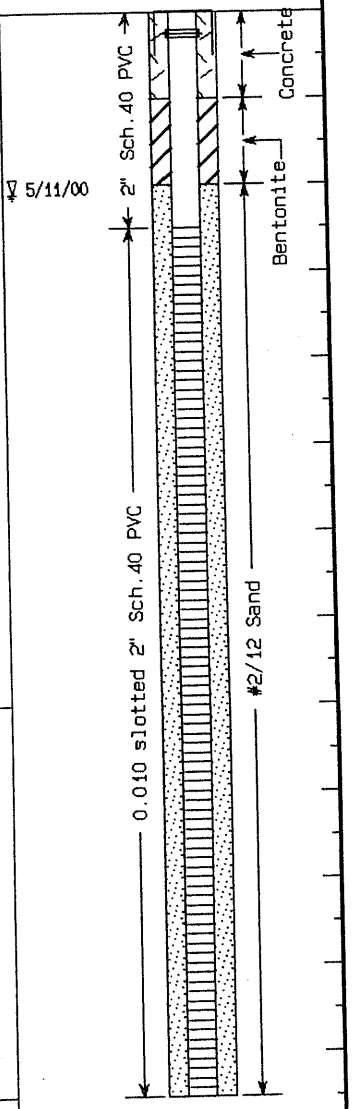
PROJECT Simpson Samoa Wood Mill
LOCATION Samoa
GROUND SURFACE ELEVATION
EXCAVATION METHOD Hollow Stem Auger
LOGGED BY LKS

JOB NUMBER 099136
DATE DRILLED 5/11/00
SAMPLER TYPE Modified California Split Spoon
TOTAL DEPTH OF HOLE 12.5ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION
MW-3 3.0'	1					FILL, gravel, sandy, silty, wet, light gray.
	2					
	3		5			
			2			
Observed sheen	4		2			
	5					With pieces of wood.
	6					
	7					
	8				SP	SAND, fine, wet, dark gray.
	9		3			
			5			
	10		5			
	11					
	12					
						Bottom of boring at 12.5 feet
	13					
	14					
	15					

Top of Casing Elev: ft.

WELL DIAGRAM



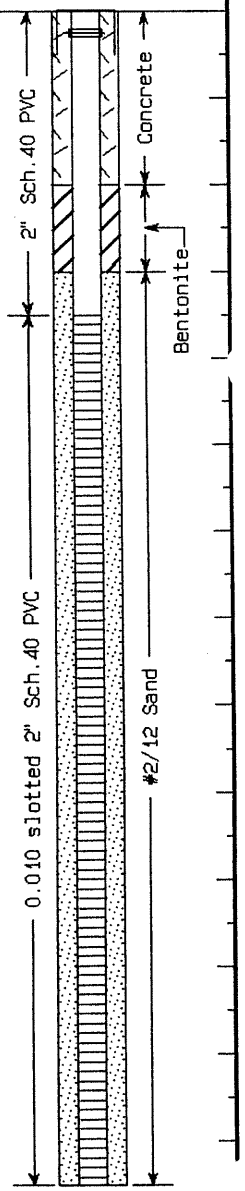
HOLE NUMBER MW-4

PROJECT Simpson Samoa Wood Mill
JOB NUMBER 099136
LOCATION Samoa
DATE DRILLED 5/11/00
GROUND SURFACE ELEVATION
SAMPLER TYPE Modified California Split Spoon
EXCAVATION METHOD Hollow Stem Auger
LOGGED BY LKS
TOTAL DEPTH OF HOLE 13.5ft.

REMARKS	DEPTH (ft.)	SAMPLES	% RECOVERY	GRAPHIC LOG	USCS CLASS	MATERIALS DESCRIPTION
	0					FILL, gravel, sandy, silty, light gray.
	1					
	2					
	3		3			
			5			
MW-4 3.5'			5			
	4					With brick fragments.
	5					
	6					
	7					
	8					SAND, fine, saturated.
	9		3			
			3			
	10		4		SP	
	11					
	12					
	13					
						Bottom of boring at 13.5 feet
	14					
	15					

Top of Casing Elev: ft.

WELL DIAGRAM



DAILY FIELD REPORT

JOB NO

PAGE OF

PROJECT NAME	CLIENT/OWNER	DAILY FIELD REPORT SEQUENCE NO
GENERAL LOCATION OF WORK: Simpson Samoa - Lambert	OWNER/CLIENT REPRESENTATIVE	DATE / DAY OF WEEK
GENERAL CONTRACTOR	GRADING CONTRACTOR	PROJECT ENGINEER
TYPE OF WORK: Monitoring Well Development	GRADING CONTRACTOR, SUPERINTENDENT, OR FOREMAN	SUPERVISOR
SOURCE & DESCRIPTION OF FILL MATERIAL	WEATHER: Overcast	TECHNICIAN: Mike Palmer
Project # 099136 1 of 2	KEY PERSONS CONTACTED (Civil Engr, Architect, Developer, etc)	
DESCRIBE EQUIPMENT USED FOR HAULING, SPREADING, WATERING, CONDITIONING, & COMPACTING		

07 00 – At SHN unloading from previous day sampling/well development

08 10 – onsite – Talked to security Guard – Drum of water moved into Pipe shop –

– opening up wells to let them equalize

08 45 – Started gauging MW-1: depth to water / total depth (see field sampling logs)

– Took 1 bail out and took ec, pH and temp then at intervals of every 5 gallons removed from well: (MW-2, 3, & 4 also)

– MW-1 has lots of silt – needs mechanical pump to remove sediments / fine silts – very dark brown in color

– No noticable HC odor.

– Removed / Purged 20 gallons from well (did not go dry)

10 05 – MW-2

– guaged depth to water / total depth

– Took 1 bail out and checked ec, pH, and temp (every 5 gallons thereafter up to 20 gallons)

– MW-2 has lots of silt – needs mechanical pump to remove sediments / fine silts – very dark brown in color.

– No noticable HC odor

– Purged 20 gallons total from well

11 00 – MW-3

– guaged depth to water / total depth

– took 1 bail out and checked ec, pH, and temp (every 5 gallons)

– MW-3 has lots of silt – needs mechanical pump to remove sediments / fine silts – very dark brown in color

– Slight sheen on water surface / has HC odor

– Purged 20 gallons total from well

SHN	SHN CONSULTING ENGINEERS & GEOLOGISTS (707) 441-8855 812 W. Wabash, EUREKA, CA 95501	COPY GIVEN TO:	REPORTED BY:

DAILY FIELD REPORT

JOB NO			
PAGE	OF		
PROJECT NAME	CLIENT/OWNER	DAILY FIELD REPORT SEQUENCE NO	
GENERAL LOCATION OF WORK	OWNER/CLIENT REPRESENTATIVE	DATE	DAY OF WEEK
GENERAL CONTRACTOR	GRADING CONTRACTOR	PROJECT ENGINEER	
TYPE OF WORK: Monitoring Well Development	GRADING CONTRACTOR, SUPERINTENDENT, OR FOREMAN	SUPERVISOR	
SOURCE & DESCRIPTION OF FILL MATERIAL	WEATHER: Sunny / Windy	TECHNICIAN: Mike Palmer	
# 099136 2 of 2	KEY PERSONS CONTACTED (Civil Engr, Architect, Developer, etc)		
DESCRIBE EQUIPMENT USED FOR HAULING, SPREADING, WATERING, CONDITIONING, & COMPACTING			

1200 - MW-4
- guaged depth to water / total depth
- 400K / bail out and check ec, pH, and temp
- MW-4 has lots of silt - needs mechanically cleaned out to remove fines - very dark brown in color
- has slight sheen / HC odor
- Purged 20 gallons total

- Samples:

MW-1 - 1305
MW-2 - 1345
MW-3 - 1415
MW-4 - 1450

Analysis = Fe, Mn dissolved, Dis Methane, TPHG, BTEX, MTBE

- paperwork

1610 - offsite to SHN

* MW-1, 2, 3, and 4 did not go dry during purging
* security guard wanted drum of water at site moved into pipe shop so I moved drum

SHN	SHN CONSULTING ENGINEERS & GEOLOGISTS (707) 441-8855 812 W. Wabash, EUREKA, CA 95501	COPY GIVEN TO:	REPORTED BY:

FIELD SAMPLING LOG

PROJECT # 099136
CLIENT Simpson Samoa
WELL NO. MW-1
TOTAL DEPTH 12.16'
DEPTH TO WATER 2.00'

DATE 6-8-00
SAMPLER Mike Palmer
ELEVATION
WATER ELEVATION

HT OF WATER COLUMN 10.16 X ~~(0.66)~~ :16 = CASING VOL 1.63 X 3 = 4.89 gal

TURBIDITY	CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
					0845	0	5.47	60.5	6.74
					0905	5 gal.	6.40	62.9	6.47
					0915	10 gal	5.21	62.2	6.76
					0925	15 gal	6.60	62.7	6.82
					0930	20 gal	4.25	60.2	7.11
	Sample						6.79	60.7	7.09

TOTAL 20 gal
INITIAL WATER VOLME

SAMPLING EQUIPMENT
SAMPLE TIME 1305
SAMPLE ANALYSIS Fe, Mn- Dissolved, Dis Methane, TPHG, BTEX, MTBE
LABORATORY West Coast
REMARKS - Dark Brown - Silty Water - No noticable HC odor
- Should probably be mechanically pumped out
= lots of silt in mw

FIELD SAMPLING LOG

PROJECT # 099136
CLIENT Simpson Samoa
WELL NO. MW-2
TOTAL DEPTH 13.60'
DEPTH TO WATER 2.80'

DATE 6-8-00
SAMPLER Mike Palmer
ELEVATION
WATER ELEVATION

HT OF WATER COLUMN 10.8 X ~~(0.66)~~ 1/6 = CASING VOL 1.73 x 3 = 5.19

TURBIDITY	CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
					1005	∅	7.56	64.5	6.37
					1020	5 gal	8.26	64.9	6.24
					1030	10 gal	8.45	65.7	6.72
					1040	15 gal	8.41	66.4	6.74
					1050	20 gal	8.68	67.7	6.69
	Sample						7.76	66.2	6.64

TOTAL 20 gal

INITIAL WATER VOLME

SAMPLING EQUIPMENT
SAMPLE TIME 1345
SAMPLE ANALYSIS Fe, Mn - Dissolved, Dis Methane, TPHG, BTEX, MTBE
LABORATORY West Coast
REMARKS - Well under pressure - letting equalize
- Well very silty - should have mechanical means to clean out
- dark brown silt
- No noticable HC odor

FIELD SAMPLING LOG

PROJECT # 099136
CLIENT Simpson Samoa
WELL NO. MW-3
TOTAL DEPTH 12.54'
DEPTH TO WATER 2.71'
HT OF WATER COLUMN 9.83 X ~~(0.66)~~ 1.16 = CASING VOL 1.57 x 3 = 4.72 gal

DATE 6-8-00
SAMPLER Mike Palmer
ELEVATION
WATER ELEVATION

TURBIDITY	CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
					1100	0	7.68	65.2	5.70
					1110	5 gal	7.90	67.4	5.29
					1120	10 gal	7.96	67.5	6.42
					1130	15 gal	8.03	68.4	6.87
					1140	20 gal	7.91	69.1	6.96
	Sample						8.04	70.1	6.40

TOTAL 20 gal
INITIAL WATER VOLME

SAMPLING EQUIPMENT
SAMPLE TIME 1415
SAMPLE ANALYSIS Fe, Mn - Dissolved, Dis Methane, TPHG, BTEX, MTBE
LABORATORY West Coast
REMARKS - Dark brown; very silty
- Slight sheen
- Slight HC odor

FIELD SAMPLING LOG

PROJECT # 099136
CLIENT Simpson Samoa
WELL NO. MW-4
TOTAL DEPTH 13.55'
DEPTH TO WATER 4.78'

DATE 6-8-00
SAMPLER Mike Palmer
ELEVATION
WATER ELEVATION

HT OF WATER COLUMN 8.77 X ~~(0.66)~~ .16 = CASING VOL 1.4 X 3 = 4.21 gal

TURBIDITY	CO2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
					1200	0	8.25	70.4	7.04
					1210	5 gal	8.93	71.1	7.32
					1220	10 gal	8.91	70.9	7.17
					1230	15 gal	9.05	71.4	7.49
					1245	20 gal	9.21	72.4	7.51
	Sample						8.48	69.1	7.21

TOTAL 20 gal
INITIAL WATER VOLME

SAMPLING EQUIPMENT
SAMPLE TIME 1450
SAMPLE ANALYSIS Fe, Mn - Dissolved, Dis Methane, TPHG, BTEX, MTBE
LABORATORY West Coast
REMARKS - HC odor - Dark; very silty
- Slight Sheen (M)

GROUNDWATER ELEVATIONS

JOB NO. 099136

CLIENT: Simpson Samoa Corp.

LOCATION:

WELL NO.	DATE OF READING	MEAS. OF ELEVATION	DEPTH TO WATER IN FT.	WATER SUR. ELEVATION
MW-1	6-8-00	10.28	2.00'	
MW-2		10.40	2.80'	
MW-3		9.95	~~2.80~~ (NO) 2.71	
MW-4		11.08	4.78'	

APPENDIX B

SURVEY DATA

Sampa Wells
SHN # 099136

STA	+	HI	ROD	—	NAVD88 EL.
BMLV 0352	5.38	16.04			10.66'
MW4	(GRND)		4.80		11.24
Rim			4.69		11.35
TOC			4.965		11.08
MW3					
Ground			5.68		10.36
Rim			5.59		10.45
TOC			6.09		9.95
MW2					
Ground			5.63		10.41
rim			5.41		10.63
TOC			5.64		10.40
MW1					
Ground			5.71		10.33
rim			5.55		10.49
TOC			5.76		10.28
TP1					
TP1 (CP1)			6.07	~~6.07~~	9.97
TP1 (CP2)			~~6.65~~	6.65	9.39

MAS
EWW
6/29/00
BK E92-3
76

Book E92-3

Desc

LV0352 (941 8817 TIDAL 2)
Aprox. grnd. gravel, easterly side
center of lid
TOC @ existing notch northerly side, existing marker colored.

gravel surface easterly side
center of lid
on existing notch marked with felt marker

gravel surface east side
center of lid
exist notch north side, existing marker

ac surface east side
center of lid
exist. notch w/ marker north side

Set pk / shiner
" " "

MAS Sokkisha B2-A

EWW 6/29/00

Samoa Wells

SHN # 099136

Cont.

STA	+	HI	ROD	−	El.
TP1	6.68	16.07			9.39
MW1					
Ground			5.74		10.33 ✓
rim			5.59		10.48 ✓
TOC			5.79		10.28 ✓
CP1			6.10		9.97 ✓
MW2					
ground			5.46		10.41 ✓
rim			5.44		10.63 ✓
toc			5.67		10.40 ✓
MW3			5.71		10.36 ✓
ground			5.63		10.44 ✓
rim			6.12		9.95 ✓
toc					
MW4					
ground			4.835		11.24 ✓
rim			4.72		11.35 ✓
toc			4.99		11.08 ✓
BM LV0352				5.40	10.67 ✓

APPENDIX C

LABORATORY ANALYTICAL REPORTS

REC'D FEB 24 2000

NORTH COAST LABORATORIES LTD.

February 18, 2000

Simpson Timber Company-M
P.O. Box 68
Korbel, CA 95550

Order No.: 0002158
Invoice No.: 4967
PO No.:

Attn: Fred Jacobson

RE: 099136/Simpson-Samoa UST

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	#1
02A	#2
03A	#3
04A	#4
05A	#5
06A	#6
07A	#7
08A	#8
09A	BN
10A	BS
11A	BE

REPORT CERTIFIED BY

Laboratory Supervisor(s)

QA Officer

Jesse G. Chaney, Jr.
Laboratory Director

North Coast Laboratories, Ltd.

Date: *18-Feb-00*

CLIENT: Simpson Timber Company-M
Project: 099136/Simpson-Samoa UST
Lab Order: 0002158

CASE NARRATIVE

BTXE:
Some reporting limits were raised for sample 05A due to matrix interference.

TPH-Gasoline:
Samples 07A and 09A do not have the typical pattern of fresh gasoline. However, the result reported represents the amount of material in the gasoline range.

Sample 05A does not have the typical pattern of fresh gasoline. The peak elutes towards the end of the gasoline range. In our opinion the material appears to be a product heavier than gasoline. Due to the differences in the purging efficiency of these heavier materials the result may be variable. The result reported represents the amount of material in the gasoline range.

Date: 18-Feb-00
WorkOrder: 0002158

ANALYTICAL REPORT

Client Sample ID: #1
Lab ID: 0002158-01A

Received: 2/9/00 **Collected:** 2/3/00 0:00

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	2/15/00	2/17/00
Benzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Toluene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Ethylbenzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
m,p-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
o-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Surrogate: Cis-1,2-Dichloroethylene	90.9	57.8-127	% Rec	1.0	2/15/00	2/17/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	ND	1.0	µg/g	1.0	2/15/00	2/17/00

Client Sample ID: #2
Lab ID: 0002158-02A

Received: 2/9/00 **Collected:** 2/3/00 0:00

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	2/15/00	2/17/00
Benzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Toluene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Ethylbenzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
m,p-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
o-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Surrogate: Cis-1,2-Dichloroethylene	88.1	57.8-127	% Rec	1.0	2/15/00	2/17/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	ND	1.0	µg/g	1.0	2/15/00	2/17/00

Date: 18-Feb-00

WorkOrder: 0002158

ANALYTICAL REPORT

Client Sample ID: #3 **Received:** 2/9/00 **Collected:** 2/3/00 0:00

Lab ID: 0002158-03A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	2/15/00	2/17/00
Benzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Toluene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Ethylbenzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
m,p-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
o-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Surrogate: Cis-1,2-Dichloroethylene	91.2	57.8-127	% Rec	1.0	2/15/00	2/17/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	ND	1.0	µg/g	1.0	2/15/00	2/17/00

Client Sample ID: #4 **Received:** 2/9/00 **Collected:** 2/3/00 0:00

Lab ID: 0002158-04A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	2/15/00	2/17/00
Benzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Toluene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Ethylbenzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
m,p-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
o-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Surrogate: Cis-1,2-Dichloroethylene	90.9	57.8-127	% Rec	1.0	2/15/00	2/17/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	ND	1.0	µg/g	1.0	2/15/00	2/17/00

Date: 18-Feb-00

ANALYTICAL REPORT

WorkOrder: 0002158

Client Sample ID: #5 **Received:** 2/9/00 **Collected:** 2/3/00 0:00

Lab ID: 0002158-05A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	2/15/00	2/17/00
Benzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Toluene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Ethylbenzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
m,p-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
o-Xylene	ND	0.010	µg/g	1.0	2/15/00	2/17/00
Surrogate: Cis-1,2-Dichloroethylene	92.5	57.8-127	% Rec	1.0	2/15/00	2/17/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	4.2	1.0	µg/g	1.0	2/15/00	2/17/00

Client Sample ID: #6 **Received:** 2/9/00 **Collected:** 2/3/00 0:00

Lab ID: 0002158-06A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	2/15/00	2/17/00
Benzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Toluene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Ethylbenzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
m,p-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
o-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Surrogate: Cis-1,2-Dichloroethylene	91.0	57.8-127	% Rec	1.0	2/15/00	2/17/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	ND	1.0	µg/g	1.0	2/15/00	2/17/00

Date: 18-Feb-00

WorkOrder: 0002158

ANALYTICAL REPORT

Client Sample ID: #7 **Received:** 2/9/00 **Collected:** 2/3/00 0:00

Lab ID: 0002158-07A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	2/15/00	2/17/00
Benzene	0.0090	0.0050	µg/g	1.0	2/15/00	2/17/00
Toluene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Ethylbenzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
m,p-Xylene	0.0072	0.0050	µg/g	1.0	2/15/00	2/17/00
o-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Surrogate: Cis-1,2-Dichloroethylene	91.2	57.8-127	% Rec	1.0	2/15/00	2/17/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	1.0	1.0	µg/g	1.0	2/15/00	2/17/00

Client Sample ID: #8 **Received:** 2/9/00 **Collected:** 2/3/00 0:00

Lab ID: 0002158-08A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	2/15/00	2/17/00
Benzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Toluene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Ethylbenzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
m,p-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
o-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Surrogate: Cis-1,2-Dichloroethylene	91.9	57.8-127	% Rec	1.0	2/15/00	2/17/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	ND	1.0	µg/g	1.0	2/15/00	2/17/00

Date: 18-Feb-00

ANALYTICAL REPORT

WorkOrder: 0002158

Client Sample ID: BN
Lab ID: 0002158-09A

Received: 2/9/00 **Collected:** 2/4/00 0:00

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	2/15/00	2/17/00
Benzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Toluene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Ethylbenzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
m,p-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
o-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Surrogate: Cis-1,2-Dichloroethylene	92.1	57.8-127	% Rec	1.0	2/15/00	2/17/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	1.1	1.0	µg/g	1.0	2/15/00	2/17/00

Client Sample ID: BS
Lab ID: 0002158-10A

Received: 2/9/00 **Collected:** 2/4/00 0:00

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	2/15/00	2/17/00
Benzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Toluene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Ethylbenzene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
m,p-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
o-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/17/00
Surrogate: Cis-1,2-Dichloroethylene	89.2	57.8-127	% Rec	1.0	2/15/00	2/17/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	ND	1.0	µg/g	1.0	2/15/00	2/17/00

ANALYTICAL REPORT

Date: 18-Feb-00
WorkOrder: 0002158

Client Sample ID: BE
Lab ID: 0002158-11A

Received: 2/9/00 **Collected:** 2/4/00 0:00

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	2/15/00	2/18/00
Benzene	ND	0.0050	µg/g	1.0	2/15/00	2/18/00
Toluene	ND	0.0050	µg/g	1.0	2/15/00	2/18/00
Ethylbenzene	ND	0.0050	µg/g	1.0	2/15/00	2/18/00
m,p-Xylene	0.0083	0.0050	µg/g	1.0	2/15/00	2/18/00
o-Xylene	ND	0.0050	µg/g	1.0	2/15/00	2/18/00
Surrogate: Cis-1,2-Dichloroethylene	88.1	57.8-127	% Rec	1.0	2/15/00	2/18/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	ND	1.0	µg/g	1.0	2/15/00	2/18/00

North Coast Laboratories, Ltd.

Date: 18-Feb-00

CLIENT: Simpson Timber Company-M
Work Order: 0002158
Project: 099136/Simpson-Samoa UST

QC SUMMARY REPORT
Method Blank

Sample ID: **MB-1438** Batch ID: **1438** Test Code: **BTXES** Units: **µg/g** Analysis Date: **2/17/00 8:32:31 AM** Prep Date: **2/15/00**
Client ID: Run ID: **ORGC8_000217B** SeqNo: **64399**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	ND	0.050									
Benzene	ND	0.0050									
Toluene	0.002883	0.0050									J
Ethylbenzene	ND	0.0050									
m,p-Xylene	ND	0.0050									
o-Xylene	ND	0.0050									
Cis-1,2-Dichloroethylene	0.920	0.10	1.00	0	92.0%	58	127				

Sample ID: **MB-1438** Batch ID: **1438** Test Code: **TPHCGS** Units: **µg/g** Analysis Date: **2/17/00 8:32:31 AM** Prep Date: **2/15/00**
Client ID: Run ID: **ORGC8_000217A** SeqNo: **64371**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas	0.4628	1.0									J

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 18-Feb-00

CLIENT: Simpson Timber Company-M
Work Order: 0002158
Project: 099136/Simpson-Samoa UST

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: **LCS-1438** Batch ID: **1438** Test Code: **BTXES** Units: **µg/g** Analysis Date: **2/17/00 5:08:10 AM** Prep Date: **2/15/00**
Client ID: Run ID: **ORGC8_000217B** SeqNo: **64397**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	0.3269	0.050	0.400	0	81.7%	68	111				
Benzene	0.05190	0.0050	0.0500	0	104%	95	127				
Toluene	0.05336	0.0050	0.0500	0.00288	101%	98	126				
Ethylbenzene	0.05459	0.0050	0.0500	0	109%	100	134				
m,p-Xylene	0.1049	0.0050	0.100	0	105%	89	134				
o-Xylene	0.05216	0.0050	0.0500	0	104%	90	129				
Cis-1,2-Dichloroethylene	0.868	0.10	1.00	0	86.8%	58	127				

Sample ID: **LCSD-1438** Batch ID: **1438** Test Code: **BTXES** Units: **µg/g** Analysis Date: **2/17/00 5:42:19 AM** Prep Date: **2/15/00**
Client ID: Run ID: **ORGC8_000217B** SeqNo: **64398**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	0.3203	0.050	0.400	0	80.1%	68	111	0.327	2.05%	20	
Benzene	0.05085	0.0050	0.0500	0	102%	95	127	0.0519	2.04%	53	
Toluene	0.05287	0.0050	0.0500	0.00288	100%	98	126	0.0534	0.922%	59	
Ethylbenzene	0.05382	0.0050	0.0500	0	108%	100	134	0.0546	1.41%	55	
m,p-Xylene	0.1033	0.0050	0.100	0	103%	89	134	0.105	1.52%	50	
o-Xylene	0.05077	0.0050	0.0500	0	102%	90	129	0.0522	2.69%	54	
Cis-1,2-Dichloroethylene	0.886	0.10	1.00	0	88.6%	58	127	0.868	2.06%	20	

Sample ID: **LCS-1438G** Batch ID: **1438** Test Code: **TPHCGS** Units: **µg/g** Analysis Date: **2/17/00 6:50:29 AM** Prep Date: **2/15/00**
Client ID: Run ID: **ORGC8_000217A** SeqNo: **64369**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas	12.93	1.0	10.0	0.463	125%	89	131				

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Simpson Timber Company-M
Work Order: 0002158
Project: 099136/Simpson-Samoa UST

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID: **LCSD-1438G** Batch ID: **1438** Test Code: **TPHCGS** Units: **µg/g** Analysis Date: **2/17/00 7:24:34 AM** Prep Date: **2/15/00**

Client ID: Run ID: **ORGC8_000217A** SeqNo: **64370**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas	12.56	1.0	10.0	0.463	121%	89	131	12.9	2.86%	9	

Qualifiers:

ND - Not Detected at the Reporting Limit

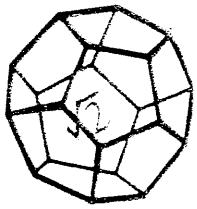
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

REC'D JUN 19 2000



NORTH COAST
LABORATORIES LTD.

June 15, 2000

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Order No.: 0005313
Invoice No.: 7617
PO No.:

Attn: Frans Lowman

RE: 099136/Simpson Samoa

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW-1 2.0
02A	MW-2 5.0
03A	MW-3 4.0
04A	MW-4 3.5

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s)

QA Officer

Jesse G. Chaney, Jr.
Laboratory Director

5680 West End Road • Arcata California 95521-9202 • 707-822-4649 • FAX 707-822-6831

North Coast Laboratories, Ltd. **Date:** *15-Jun-00*

CLIENT: SHN Consulting Engineers and Geologists
Project: 099136/Simpson Samoa
Lab Order: 0005313

CASE NARRATIVE

TPH Gasoline:
Sample MW-2 5.0 does not have the typical pattern of fresh gasoline. However, the result reported represents the amount of material in the gasoline range.

Date: 15-Jun-00
WorkOrder: 0005313

ANALYTICAL REPORT

Client Sample ID: MW-1 2.0 **Received:** 5/12/00 **Collected:** 5/11/00 14:45
Lab ID: 0005313-01A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	5/24/00	6/13/00
Benzene	ND	0.0050	µg/g	1.0	5/24/00	6/13/00
Toluene	ND	0.0050	µg/g	1.0	5/24/00	6/13/00
Ethylbenzene	ND	0.0050	µg/g	1.0	5/24/00	6/13/00
m,p-Xylene	ND	0.0050	µg/g	1.0	5/24/00	6/13/00
o-Xylene	ND	0.0050	µg/g	1.0	5/24/00	6/13/00
Surrogate: Cis-1,2-Dichloroethylene	80.7	57.8-127	% Rec	1.0	5/24/00	6/13/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	ND	1.0	µg/g	1.0	5/24/00	6/13/00

Client Sample ID: MW-2 5.0 **Received:** 5/12/00 **Collected:** 5/11/00 8:45
Lab ID: 0005313-02A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	5/24/00	6/13/00
Benzene	0.57	0.0050	µg/g	1.0	5/24/00	6/13/00
Toluene	0.042	0.0050	µg/g	1.0	5/24/00	6/13/00
Ethylbenzene	0.019	0.0050	µg/g	1.0	5/24/00	6/13/00
m,p-Xylene	0.042	0.0050	µg/g	1.0	5/24/00	6/13/00
o-Xylene	ND	0.0050	µg/g	1.0	5/24/00	6/13/00
Surrogate: Cis-1,2-Dichloroethylene	81.5	57.8-127	% Rec	1.0	5/24/00	6/13/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	5.1	1.0	µg/g	1.0	5/24/00	6/13/00

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Date: 15-Jun-00
WorkOrder: 0005313

ANALYTICAL REPORT

Client Sample ID: MW-3 4.0 **Received:** 5/12/00 **Collected:** 5/11/00 10:20
Lab ID: 0005313-03A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	5/24/00	6/13/00
Benzene	0.0061	0.0050	µg/g	1.0	5/24/00	6/13/00
Toluene	0.0061	0.0050	µg/g	1.0	5/24/00	6/13/00
Ethylbenzene	ND	0.0050	µg/g	1.0	5/24/00	6/13/00
m,p-Xylene	ND	0.0050	µg/g	1.0	5/24/00	6/13/00
o-Xylene	ND	0.0050	µg/g	1.0	5/24/00	6/13/00
Surrogate: Cis-1,2-Dichloroethylene	81.0	57.8-127	% Rec	1.0	5/24/00	6/13/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	ND	1.0	µg/g	1.0	5/24/00	6/13/00

Client Sample ID: MW-4 3.5 **Received:** 5/12/00 **Collected:** 5/11/00 12:00
Lab ID: 0005313-04A

Test Name: BTEX **Reference:** EPA 8021B/5035

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	0.050	µg/g	1.0	5/24/00	6/13/00
Benzene	ND	0.0050	µg/g	1.0	5/24/00	6/13/00
Toluene	0.0054	0.0050	µg/g	1.0	5/24/00	6/13/00
Ethylbenzene	ND	0.0050	µg/g	1.0	5/24/00	6/13/00
m,p-Xylene	0.0062	0.0050	µg/g	1.0	5/24/00	6/13/00
o-Xylene	ND	0.0050	µg/g	1.0	5/24/00	6/13/00
Surrogate: Cis-1,2-Dichloroethylene	81.6	57.8-127	% Rec	1.0	5/24/00	6/13/00

Test Name: TPH-Gasoline **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas	ND	1.0	µg/g	1.0	5/24/00	6/13/00

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North Coast Laboratories, Ltd.

Date: 15-Jun-00

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0005313
Project: 099136/Simpson Samoa

QC SUMMARY REPORT
Method Blank

Sample ID: **MB-2029** Batch ID: **2029** Test Code: **BTXES** Units: **µg/g** Analysis Date: **5/26/00 3:04:58 AM** Prep Date: **5/24/00**
Client ID: Run ID: **ORGC8_000525A** SeqNo: **90197**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	ND	0.050									
Benzene	ND	0.0050									
Toluene	ND	0.0050									
Ethylbenzene	ND	0.0050									
m,p-Xylene	ND	0.0050									
o-Xylene	ND	0.0050									
Cis-1,2-Dichloroethylene	0.958	0.10	1.00	0	95.8%	58	127	0			

Sample ID: **MB** Batch ID: **2029** Test Code: **TPHCGS** Units: **µg/g** Analysis Date: **5/26/00 3:04:58 AM** Prep Date: **5/24/00**
Client ID: Run ID: **ORGC8_000526B** SeqNo: **90117**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas	ND	1.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 15-Jun-00

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0005313
Project: 099136/Simpson Samoa

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS-2029** Batch ID: **2029** Test Code: **BTXES** Units: **µg/g** Analysis Date: **5/25/00 11:01:42 PM** Prep Date: **5/24/00**
Client ID: Run ID: **ORGC8_000525A** SeqNo: **90195**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	0.3039	0.050	0.400	0	76.0%	68	111	0			
Benzene	0.04079	0.0050	0.0500	0	81.6%	95	127	0			S
Toluene	0.04482	0.0050	0.0500	0	89.6%	98	126	0			S
Ethylbenzene	0.04746	0.0050	0.0500	0	94.9%	100	134	0			S
m,p-Xylene	0.09449	0.0050	0.100	0	94.5%	89	134	0			
o-Xylene	0.04952	0.0050	0.0500	0	99.0%	90	129	0			
Cis-1,2-Dichloroethylene	0.914	0.10	1.00	0	91.4%	58	127	0			

Sample ID: **LCSD-2029** Batch ID: **2029** Test Code: **BTXES** Units: **µg/g** Analysis Date: **5/25/00 11:36:36 PM** Prep Date: **5/24/00**
Client ID: Run ID: **ORGC8_000525A** SeqNo: **90196**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	0.2686	0.050	0.400	0	67.1%	68	111	0.304	12.3%	20	S
Benzene	0.03895	0.0050	0.0500	0	77.9%	95	127	0.0408	4.61%	53	S
Toluene	0.04231	0.0050	0.0500	0	84.6%	98	126	0.0448	5.76%	59	S
Ethylbenzene	0.04486	0.0050	0.0500	0	89.7%	100	134	0.0475	5.62%	55	S
m,p-Xylene	0.08840	0.0050	0.100	0	88.4%	89	134	0.0945	6.66%	50	S
o-Xylene	0.04574	0.0050	0.0500	0	91.5%	90	129	0.0495	7.93%	54	
Cis-1,2-Dichloroethylene	0.928	0.10	1.00	0	92.8%	58	127	0.914	1.47%	20	

Sample ID: **LCS** Batch ID: **2029** Test Code: **TPHCGS** Units: **µg/g** Analysis Date: **5/26/00 12:46:21 AM** Prep Date: **5/24/00**
Client ID: Run ID: **ORGC8_000526B** SeqNo: **90115**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas	6.620	1.0	10.0	0	66.2%	89	131	0			S

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0005313
Project: 099136/Simpson Samoa

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID: **LCSD** Batch ID: **2029** Test Code: **TPHCGS** Units: **µg/g** Analysis Date: **5/26/00 1:21:04 AM** Prep Date: **5/24/00**
Client ID: Run ID: **ORGC8_000526B** SeqNo: **90116**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas	9.160	1.0	10.0	0	91.6%	89	131	6.62	32.2%	9	R

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata, CA 95521-9202
707-822-4649 • FAX 707-822-6831

Chain of Custody

LABORATORY NUMBER: 00 05-313

Attention: FRANK LOWMAN
Results & Invoice to: SAME
Address: 812 W WABASH
EUREKA CA 95501
Phone: 707 444 8855
Copies of Report to:
Sampler (Sign & Print): Liga Stromme

PROJECT INFORMATION
Project Number: 099136
Project Name: SIMPSON SAMOA
Purchase Order Number:

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☒ STD (2–3 Wk) ☐ Other:
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By:__/__/__
Final Report: FAX ☐ Verbal ☐ By:__/__/__

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	PRESERVATIVE	CONTAINER	ANALYSIS (TPH-D, GAS/BTEX/MTBE)
	MW-1 2.0	5/11/00	1445	S	-	-	
	MW-2 5.0		845				X
	MW-3 4.0		1020				X
	MW-4 3.5		1700				X

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Liga Stromme	1430 5/12/00	Carol Anderson	5-12-00 1525

SAMPLE DISPOSAL
☒ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

REC'D JUN 2 2 2000

NORTH COAST LABORATORIES LTD.

June 21, 2000

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Order No.: 0006220
Invoice No.: 7748
PO No.:

Attn: Frans Lowman

RE: 099136/Simpson Samoa Corp

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW-1
01B	MW-1 (Dissolved)
02A	MW-2
02B	MW-2 (Dissolved)
03A	MW-3
03B	MW-3 (Dissolved)
04A	MW-4
04B	MW-4 (Dissolved)

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s)

QA Officer

Jesse G. Chaney, Jr.
Laboratory Director

Date: 21-Jun-00
WorkOrder: 0006220

ANALYTICAL REPORT

Client Sample ID: MW-1 **Received:** 6/9/00 **Collected:** 6/8/00 13:05
Lab ID: 0006220-01A

Test Name: F, SO4, Cl, NO3, NO2 **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate	ND	0.10	mg/L	1.0		6/9/00
Sulfate	8.7	0.50	mg/L	1.0		6/9/00

Client Sample ID: MW-1 (Dissolved) **Received:** 6/9/00 **Collected:** 6/8/00 13:05
Lab ID: 0006220-01B

Test Name: ICAP Metals **Reference:** EPA 200.7

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Iron	130	100	µg/L	1.0	6/9/00	6/20/00
Manganese	68	2.0	µg/L	1.0	6/9/00	6/20/00

Client Sample ID: MW-2 **Received:** 6/9/00 **Collected:** 6/8/00 13:45
Lab ID: 0006220-02A

Test Name: F, SO4, Cl, NO3, NO2 **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate	ND	0.10	mg/L	1.0		6/9/00
Sulfate	6.0	0.50	mg/L	1.0		6/9/00

Client Sample ID: MW-2 (Dissolved) **Received:** 6/9/00 **Collected:** 6/8/00 13:45
Lab ID: 0006220-02B

Test Name: ICAP Metals **Reference:** EPA 200.7

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Iron	110	100	µg/L	1.0	6/9/00	6/20/00
Manganese	49	2.0	µg/L	1.0	6/9/00	6/20/00

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5680 West End Road • Arcata, California 95521 • 707-822-4649 • FAX 707-822-6831

Date: 21-Jun-00
WorkOrder: 0006220

ANALYTICAL REPORT

Client Sample ID: MW-3 **Received:** 6/9/00 **Collected:** 6/8/00 14:15
Lab ID: 0006220-03A

Test Name: F, SO4, Cl, NO3, NO2 **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate	ND	0.10	mg/L	1.0		6/9/00
Sulfate	4.8	0.50	mg/L	1.0		6/9/00

Client Sample ID: MW-3 (Dissolved) **Received:** 6/9/00 **Collected:** 6/8/00 14:15
Lab ID: 0006220-03B

Test Name: ICAP Metals **Reference:** EPA 200.7

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Iron	ND	100	µg/L	1.0	6/9/00	6/20/00
Manganese	15	2.0	µg/L	1.0	6/9/00	6/20/00

Client Sample ID: MW-4 **Received:** 6/9/00 **Collected:** 6/8/00 14:50
Lab ID: 0006220-04A

Test Name: F, SO4, Cl, NO3, NO2 **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate	ND	0.10	mg/L	1.0		6/9/00
Sulfate	8.7	0.50	mg/L	1.0		6/9/00

Client Sample ID: MW-4 (Dissolved) **Received:** 6/9/00 **Collected:** 6/8/00 14:50
Lab ID: 0006220-04B

Test Name: ICAP Metals **Reference:** EPA 200.7

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Iron	ND	100	µg/L	1.0	6/9/00	6/20/00
Manganese	190	2.0	µg/L	1.0	6/9/00	6/20/00

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North Coast Laboratories, Ltd.

Date: 21-Jun-00

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0006220
Project: 099136/Simpson Samoa Corp

QC SUMMARY REPORT
Method Blank

Sample ID: **MB-2124P** Batch ID: **2124** Test Code: **ICPX** Units: **µg/L** Analysis Date: **6/20/00 4:08:00 PM** Prep Date: **6/9/00**
Client ID: Run ID: **INICP1_000620A** SeqNo: **91690**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	3.160	100									J
Manganese	ND	2.0									

Sample ID: **Method blank** Batch ID: **R6007** Test Code: **IONICW** Units: **mg/L** Analysis Date: **6/9/00 11:16:02 AM** Prep Date:
Client ID: Run ID: **INIC2_000609A** SeqNo: **89785**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate	ND	0.10									
Sulfate	ND	0.50									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 21-Jun-00

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0006220
Project: 099136/Simpson Samoa Corp

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS-2124P** Batch ID: **2124** Test Code: **ICPX** Units: **µg/L** Analysis Date: **6/20/00 4:10:00 PM** Prep Date: **6/9/00**
Client ID: Run ID: **INICP1_000620A** SeqNo: **91691**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	479.0	100	500	3.16	95.2%	85	115	0			
Manganese	479.8	2.0	500	0	96.0%	85	115	0			

Sample ID: **LCS lot#06-02-00-0** Batch ID: **R6007** Test Code: **IONICW** Units: **mg/L** Analysis Date: **6/9/00 11:33:57 AM** Prep Date:
Client ID: Run ID: **INIC2_000609A** SeqNo: **89786**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate	0.9847	0.10	1.00	0	98.5%	70	120	0			
Sulfate	10.09	0.50	10.0	0	101%	70	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

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Chain of Custody

LABORATORY NUMBER: 00-06-220

Attention: Frans Lowman
Results & Invoice to: SHN
Address: 812 Wabash
Eureka, CA 95501
Phone: 441-8855
Copies of Report to: Same
Sampler (Sign & Print): Michael Palmer - Mike Palmer

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☒ STD (2–3 Wk) ☐ Other: _____
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By: __/__/__
Final Report: FAX ☐ Verbal ☐ By: __/__/__

PROJECT INFORMATION
Project Number: 099136
Project Name: Simpson Somoa Corp
Purchase Order Number: _____

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	PRESERVATIVE	CONTAINER	ANALYSIS 1st 2 (IP) 8260 List, Filter, HFDF	Methane (Dissolved)	NO_3 SO_4	Fe, Mn-(Dissolved)
	MW-1	6-8-00	1305	Water	6	9	3	3	1	1
	MW-2		1345			9	3	3	1	1
	MW-3		1415			2	3	3	1	1
	MW-4		1450			2	3	3	1	1

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Michael Palmer - Mike Palmer	6/8/00 1640	Corey Anderson	6-9-00 1025

SAMPLE DISPOSAL
☒ NCL Disposal of Non-Contaminated
☒ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA _____
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

REC'D JUL 14 2000

KIFF ANALYTICAL LLC

Report Number : 16909
Date : 6/27/00

Loretta Tomlin
North Coast Laboratories
5680 West End Road
Arcata, CA 95521

Subject : 4 Water Samples
Project Name :
Project Number : 0006255

Dear Ms. Tomlin,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 16909

Date : 6/27/00

Project Name :

Project Number : **0006255**

Sample : **MW-1**

Matrix : Water

Sample Date :6/8/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	6/19/00
Methanol	**290**	50	ug/L	EPA 8260B	6/19/00
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	6/19/00
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/19/00
Toluene - d8 (Surr)	98.5		% Recovery	EPA 8260B	6/19/00
4-Bromofluorobenzene (Surr)	98.9		% Recovery	EPA 8260B	6/19/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 16909

Date : 6/27/00

Project Name :

Project Number : **0006255**

Sample : **MW-2** Matrix : Water

Sample Date :6/8/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**2.9**	0.50	ug/L	EPA 8260B	6/20/00
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	6/19/00
Methanol	**< 50**	50	ug/L	EPA 8260B	6/20/00
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	6/19/00
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/19/00
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	6/19/00
4-Bromofluorobenzene (Surr)	98.5		% Recovery	EPA 8260B	6/19/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 16909

Date : 6/27/00

Project Name :

Project Number : **0006255**

Sample : **MW-3**

Matrix : Water

Sample Date :6/8/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	6/19/00
Methanol	**470**	50	ug/L	EPA 8260B	6/19/00
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	6/19/00
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/19/00
Toluene - d8 (Surr)	97.9		% Recovery	EPA 8260B	6/19/00
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	6/19/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 16909

Date : 6/27/00

Project Name :

Project Number : **0006255**

Sample : **MW-4**

Matrix : Water

Sample Date :6/8/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/22/00
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/22/00
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/22/00
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/22/00
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/22/00
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/22/00
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/22/00
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	6/22/00
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	6/22/00
Methanol	**< 50**	50	ug/L	EPA 8260B	6/22/00
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	6/22/00
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/22/00
Toluene - d8 (Surr)	96.0		% Recovery	EPA 8260B	6/22/00
4-Bromofluorobenzene (Surr)	91.8		% Recovery	EPA 8260B	6/22/00

Approved By: Joel Kiff

720 Olive Drive. Suite D Davis. CA 95616 530-297-4800

Report Number : 16909

Date : 6/27/00

Project Name :

Project Number : **0006255**

Quality Control Data - Method Blank

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	6/19/00
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	6/19/00
Methanol	**< 50**	50	ug/L	EPA 8260B	6/19/00
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	6/19/00
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/19/00
Toluene - d8 (Surr)	97.8		% Recovery	EPA 8260B	6/19/00
4-Bromofluorobenzene (Surr)	94.2		% Recovery	EPA 8260B	6/19/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Report Number : 16909

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 6/27/00

Project Name :

Project Number : **0006255**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Spike Recovery Data														
Benzene	16905-04	<0.50	24.3	23.7	21.8	21.5	ug/L	EPA 8260B	6/20/00	89.7	90.6	0.976	70-130	25
Toluene	16905-04	<0.50	24.3	23.7	22.5	21.8	ug/L	EPA 8260B	6/20/00	92.5	92.2	0.282	70-130	25
Tert-Butanol	16905-04	<5.0	24.3	23.7	22.7	23.8	ug/L	EPA 8260B	6/20/00	93.3	100	7.35	70-130	25
Methyl-t-Butyl Ether	16905-04	0.56	24.3	23.7	16.9	15.5	ug/L	EPA 8260B	6/20/00	67.2	62.9	6.55	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

720 Olive Drive, Suite D Davis, CA. 95616 530-297-4800

Report Number : 16909

QC Report : Laboratory Control Sample (LCS)

Date : 6/27/00

Project Name :

Project Number : **0006255**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	6/19/00	96.0	70-130
Toluene	40.0	ug/L	EPA 8260B	6/19/00	97.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/19/00	86.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/19/00	101	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

16909

NORTH COAST LABORATORIES LTD.

Sub-Contract
Chain of Custody Record

Date Shipped: 6/12/00 **Carrier:** Airborne

Air Bill #: _____ **Cooler #:** _____

Subcontractor:	Kiff Analytical 720 Olive Dr., Ste D Davis, CA 95616	**Send Results to:**	North Coast Labs 5680 West End Road Arcata, CA 95521
Phone:	530-297-4800		Attn: Loretta Tomlin
Attention Line:	Sample Receiving		(707) 822-4649

Kelley Thompson	6/12/00 1510		
Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time
Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time
		Andrea Sykes	6/13/00 1045
Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time

Analysis Request

NCL Sample #:	Sample ID:	Date Sampled:	Analysis:	Sample Condition:
0006255-1A	MW-1	6/8/00	BTEX/TPH-Gasoline/7 Oxygenates/Groundwater	-01
0006255-2A	MW-2	6/8/00	BTEX/TPH-Gasoline/7 Oxygenates/Groundwater	-02
0006255-3A	MW-3	6/8/00	BTEX/TPH-Gasoline/7 Oxygenates/Groundwater	-03
0006255-4A	MW-4	6/8/00	BTEX/TPH-Gasoline/7 Oxygenates/Groundwater	-04

Special Instructions: Please include QC Data — received on wet ice via Airborne temperature of cooler 15°C ca 061300/1050

Date Due: 6/23/00 Rush Charges Authorized: NO Preservative: HCl

Return Chain of Custody to NCL

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata, CA 95521-9202
707-822-4649 • FAX 707-822-6831

Chain of Custody

LABORATORY NUMBER: 00-06-255

Attention: Frans Lowman
Results & Invoice to: SHN
Address: 812 Wabash
Eureka, CA 95501
Phone: 441-8855
Copies of Report to: Same
Sampler (Sign & Print): Michael Palmer - Mike Palmer

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☒ STD (2–3 Wk) ☐ Other: _____
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By: __/__/__
Final Report: FAX ☐ Verbal ☐ By: __/__/__

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

PROJECT INFORMATION

Project Number: 099136
Project Name: Simpson Somoa Corp
Purchase Order Number: _____

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	PRESERVATIVE	CONTAINER	ANALYSIS 1 & 2: TPHG, BTEX, MTBE	Methane (Dissolved)	NO_3 SO_4	Fe, Mn-(Dissolved)
	MW-1	6-8-00	1305	Water	b	9	3	3	1	1
	MW-2		1345			9	3	3	1	1
	MW-3		1415			2	3	3	1	1
	MW-4	↓	1450	↓		2	3	3	1	1

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Michael Palmer - Mike Palmer	6/8/00 1640	[signature]	6-9-00 1025

SAMPLE DISPOSAL
☒ NCL Disposal of Non-Contaminated
☒ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA ☐
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

APPENDIX D

INTRINSIC BIOREMEDIATION

APPENDIX D
INTRINSIC BIOREMEDIATION

Intrinsic bioremediation is the degradation of a contaminant such as petroleum hydrocarbons by naturally occurring organisms. These organisms metabolize the contaminant as a primary carbon source. In addition to requiring a carbon source, an electron acceptor such as oxygen, is required for organisms to metabolize the contaminant. The occurrence of intrinsic bioremediation can be demonstrated by measuring the loss of the contaminant concentration and electron acceptor, the increase in concentrations of metabolic by-products, and the change in concentrations of geochemical indicators. In some cases (ideally when the contaminant concentrations are low), natural degradation processes will reduce dissolved concentrations below the maximum contaminant level (MCL) for drinking water standards, before reaching any nearby receptors. A detailed discussion for each indicator is presented below. Table C-1 summarizes trends to look for when evaluating indicators of intrinsic bioremediation at a site.

TABLE D-1
SUMMARY OF INTRINSIC BIOREMEDIATION PARAMETERS

GROUNDWATER ANALYTICAL PARAMETER	CONTAMINANT PLUME RELATED TO BACKGROUND	DOWNGRADIENT RELATED TO CONTAMINANT PLUME
Dissolved Oxygen	Decreases	Increases
Dissolved Carbon Dioxide	Increases	Decreases
Reduction/Oxidation Potential	Decreases	Increases
Nitrate	Decreases	Increases
Manganese (II)	Increases	Decreases
Iron (II)	Increases	Decreases
Sulfate	Decreases	Increases
Dissolved Methane	Increases	Decreases

DISSOLVED OXYGEN

Dissolved Oxygen (DO) is the favored electron acceptor for aerobic biodegradation of petroleum hydrocarbons (Buscheck, O'Reilly, 1995). Dissolved oxygen provides the most energy for microorganisms to metabolize petroleum hydrocarbons. However, the transfer of oxygen from the atmosphere to groundwater is slow and can cause oxygen depletion within the plume (Borden, Bedient, 1986), a decrease of DO concentrations within the plume is an indication that microorganisms are present. Threshold concentrations of DO for aerobic biodegradation range from 1 to 2 mg/L (McAllister, Chiang, 1994).

DISSOLVED CARBON DIOXIDE

Dissolved Carbon Dioxide (DCO_2) is produced as petroleum hydrocarbons are biologically metabolized. If DCO_2 concentrations are not removed by the natural carbonate buffering system (measured as alkalinity), the DCO_2 levels within the plume should be greater than background levels (Wiedemeier et al, 1994).

REDUCTION/OXIDATION POTENTIAL

The reduction/oxidation (redox) potential of groundwater is a measure of electron activity and is a measure of the relative tendency of a solute species to accept (gain) or transfer (lose) electrons. Oxidation is defined as "the loss of electrons while reduction is the gain of electrons" (Buscheck, O'Reilly, 1995).

Microorganisms catalyze nearly all the important redox reactions that occur in the groundwater. Microorganisms and their enzymes are involved in the redox process in order to acquire energy for the synthesis of new cells and maintenance of old cells (Freeze, Cherry, 1979). Therefore, redox reactions depend upon and influence rates of biodegradation. The redox potential for aerobic metabolism is greater than 50 millivolts (mv), while anaerobic metabolism has a redox potential less than 50 mv (US EPA, 1996 A). The redox potential inside the contaminant plume should be less than background levels. Table C-2 lists preferred reactions by energy potential.

TABLE D-2
PREFERRED REACTIONS BY ENERGY POTENTIAL

ELECTRON ACCEPTOR	TYPE OF REACTION	METABOLIC BY-PRODUCT	REACTION PREFERENCE
Oxygen	Aerobic	CO_2	Most Preferred
Nitrate	Anaerobic	N_2, CO_2	⇩
Manganese (IV) (solid)	Anaerobic	Manganese II (soluble)	⇩
Iron (III) (solid)	Anaerobic	Iron II (soluble)	⇩
Sulfate	Anaerobic	H_2S	⇩
Carbon Dioxide	Anaerobic	Methane	Least Preferred

pH

The pH is a logarithmic measure of the hydrogen ion activity. An optimal range for microorganisms is a pH range from 6-8 (Baker, Herson, 1994). The pH can be effected by biological activity when organic acids are produced as organisms metabolize contaminants. The pH can also effect the availability and mobility of nutrients and contaminants.

NITRATE

Once microorganisms have depleted concentrations of dissolved oxygen, an alternative electron acceptor may be utilized for anaerobic biodegradation. Depending upon the availability of nitrate (NO_3^-) in the groundwater, a process known as denitrification may occur. Microorganisms utilize nitrate as an electron acceptor and convert nitrate into nitrite (NO_2^-) and eventually into nitrogen gas (N_2) (Baker, Herson, 1994). Nitrate concentrations in the plume should be less than background.

MANGANESE (II)

When groundwater becomes depleted of dissolved oxygen and nitrate, conditions are sufficiently reducing for the reduction and dissolution of manganese coatings. These reactions result in reduced manganese in the groundwater (Carey et al 1996). The use of manganese (IV) as a terminal electron acceptor by microorganisms yields a reduced water soluble manganese (II).

FERROUS IRON

In some cases, iron (III) or ferric iron is used as an electron acceptor in anaerobic biodegradation of petroleum hydrocarbons. Iron reduction is the conversion by microorganisms of iron (III) to ferrous iron or iron (II) (Buscheck, O'Reilly, 1995). The ferrous iron will be in a soluble form depending upon the Eh/pH conditions. Ferrous iron concentrations should be greater inside the plume than background. As soon as iron rich groundwater comes into contact with dissolved oxygen, the dissolved iron (II) will immediately oxidize to iron (III) and subsequently precipitate as iron coatings on soil sediments (Appelo and Postma, 1993).

SULFATE

Sulfate (SO_4^{2-}) is another alternative electron acceptor, once oxygen has been depleted by microorganisms. Sulfate reduction is the conversion of sulfate to hydrogen sulfide (H_2S). A reduction of sulfate concentrations across the plume is an indication that anaerobic biodegradation is occurring (Wiedemeier et al., 1995).

METHANE

Methane is produced only under strong reducing conditions by a group of strict anaerobes. Methanogens use CO_2 as a terminal electron acceptor and produce methane (ASTM, 1996). Table 2 shows that Methanogenic reactions are the least thermodynamically favored (USEPA, 1996 B).

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QUARTERLY GROUNDWATER MONITORING REPORT SECOND QUARTER, 2001 SIMPSON SAMOA UST INVESTIGATION SAMOA, CALIFORNIA LOP NO. 12719

Prepared for:

SIMPSON SAMOA CORPORATION
KORBEL, CALIFORNIA

Consulting Engineers & Geologists, Inc.
812 W. Wabash Ave.
Eureka, CA 95501-2138
707/441-8855

August 2001

Reference: 099136

QUARTERLY GROUNDWATER MONITORING REPORT
SECOND QUARTER, 2001
SIMPSON SAMOA UST INVESTIGATION
SAMOA, CALIFORNIA
LOP NO. 12719

Prepared for:

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August 2001

QA/QC:



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1.0 INTRODUCTION

This report discusses the results of quarterly groundwater monitoring and sampling activities conducted in the area of a former underground storage tank (UST) used to store gasoline at the Simpson Samoa Corporation (SSC) facility. The site area is in the northern portion of the SSC Samoa facility as shown on Figure 1.

1.1 Background

On July 12, 1999, North Coast Environmental Construction (NCEC) removed one 1,000-gallon gasoline UST from the Simpson Samoa facility. The former UST location is shown in Figure 2. Two soil samples were collected from the east and west sidewalls of the excavation at a depth of approximately 3 feet below ground surface (BGS). Each soil sample was analyzed for total petroleum hydrocarbons as gasoline (TPHG); benzene, toluene, ethylbenzene, and total xylenes (BTEX); methyl tert butyl ether (MTBE); and lead. Groundwater had entered the excavation at a depth of approximately 3.5 feet BGS. One groundwater sample was collected from the excavation pit and was analyzed for TPHG, BTEX, and MTBE.

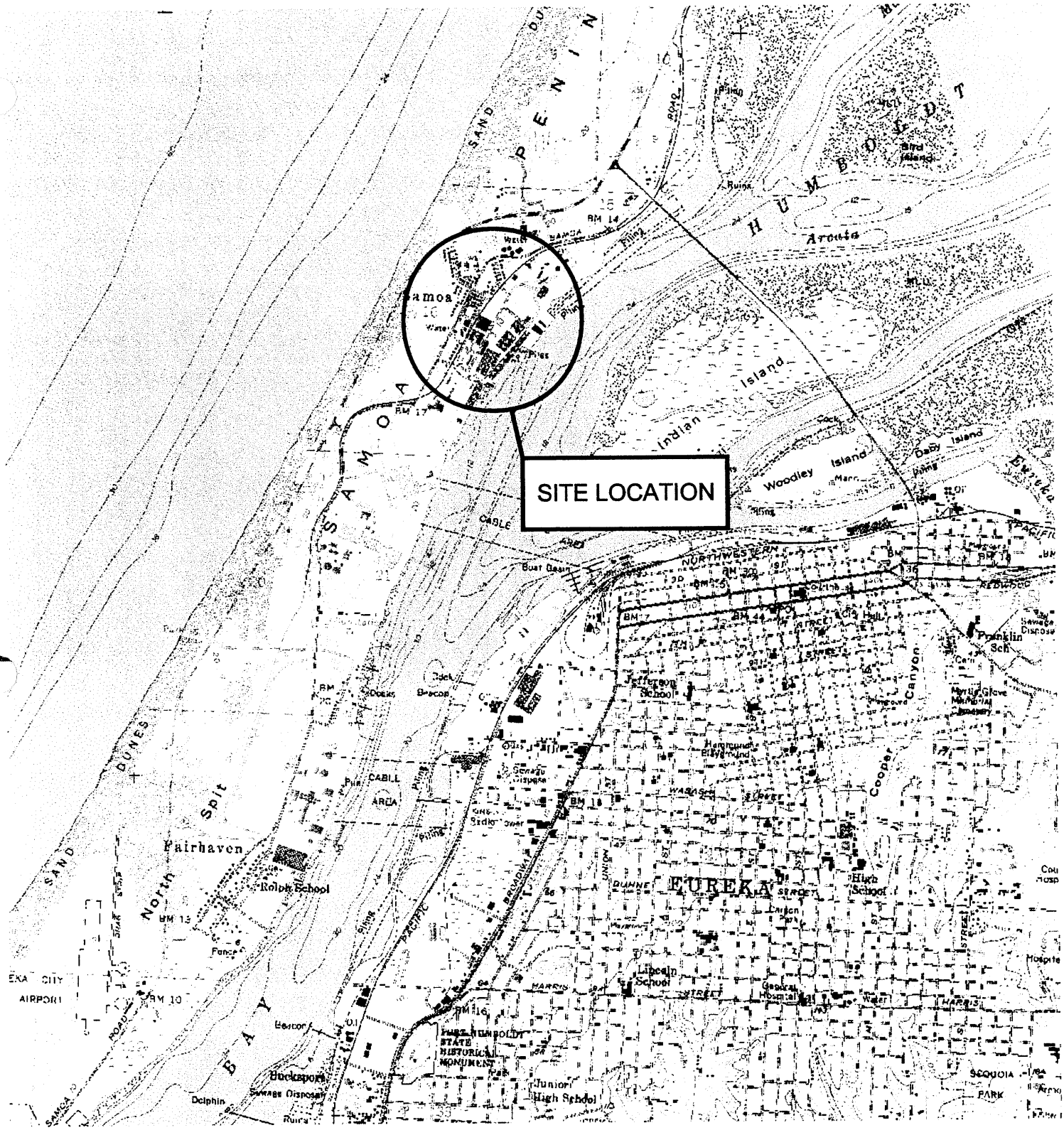
The water sample and one soil sample were also analyzed for fuel oxygenates and lead scavengers according to EPA Method No. 8260B.

The excavation was subsequently backfilled with clean fill material, and compacted. The UST was transported to Hansen Scrap Metal in Fortuna, California for disposal (SHN, August 1999). Analytical results of soil and water samples collected from the excavation indicated the presence of petroleum hydrocarbons in soil and groundwater. Based on these results, the Humboldt County Division of Environmental Health (HCDEH) requested that additional site investigation be conducted.

On November 8, 1999, SHN Consulting Engineers & Geologists, Inc. (SHN) conducted an initial site investigation, including the drilling and sampling of eight soil borings (borings WP-1 through WP-8, and the installation and sampling of seven well points (WP-1 through WP-7). Analytical results indicated the presence of petroleum hydrocarbon-impacted soil and groundwater in the vicinity of the former UST location. Based on the results of the November 1999 site investigation, SHN recommended that additional limited excavation be conducted, and groundwater monitoring wells be installed to assess groundwater conditions beneath the site.

During the period of January 25 through February 2, 2000, NCEC performed an additional excavation of approximately 1,447 tons of soil. During the excavation, it was discovered that the extent of soil contamination to the east was more extensive than had been identified during the well point investigation. The excavation extended approximately 95 feet to the east of the access road that borders the west end of the excavation area.

Excavation was stopped at approximately 95 feet to the east of the access road where a concrete foundation was discovered that appeared to have acted as a barrier, since soil contamination was not observed on the east side of the foundation.



SOURCE: EUREKA USGS 7.5 MINUTE QUADRANGLE



QUADRANGLE LOCATION

N

not to scale

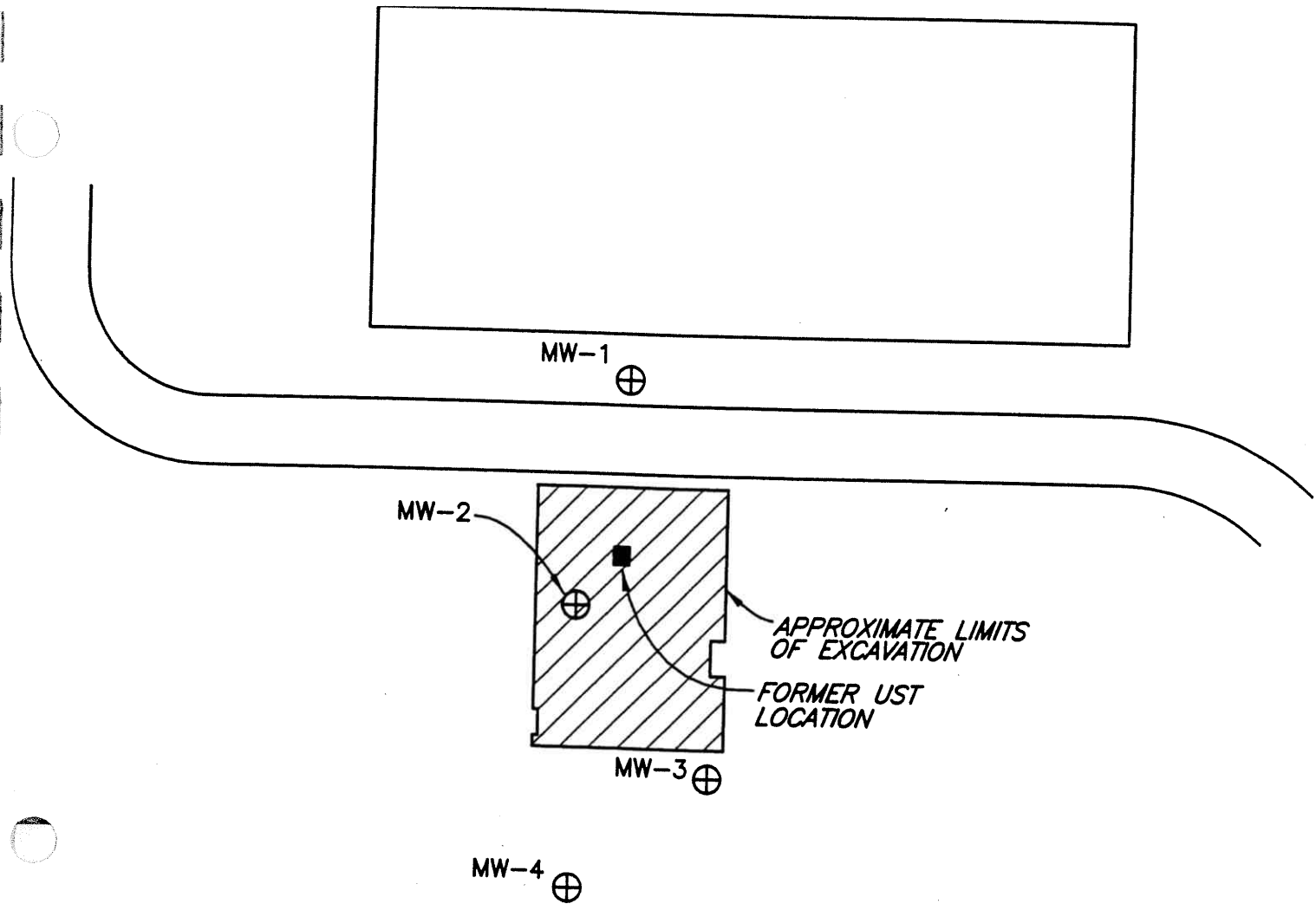
SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

SITE LOCATION MAP

SHN 099136
MAY/2001

FIGURE **1**

SIMPSONSAMOALOCATION



EXPLANATION

⊕ *MONITORING WELL LOCATION AND DESIGNATION*

HUMBOLDT BAY

1"=60'

SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

SITE MAP

SHN 099136

FIGURE 2

I:/FINICAD/1999/099136/099136-SITEMAP

On May 11, 2000, SHN supervised the installation of four groundwater monitoring wells. Soil borings MW-1 through MW-4 were drilled and sampled utilizing a truck-mounted hollow stem auger rig. Soil samples were collected from each boring, and one soil sample from each boring was submitted to North Coast Laboratories (NCL), a State of California certified analytical laboratory for chemical analysis. Each soil sample was analyzed for TPHG, BTEX, and MTBE. TPHG and BTEX were found in the soil sample collected from boring MW-2 at a depth of 5 feet BGS. Petroleum hydrocarbons were not detected in any other soil samples analyzed.

Each soil boring was converted into a 2-inch diameter groundwater monitoring well to assess groundwater conditions in the vicinity of the former UST location (Figure 2). Each well was developed on June 8, 2000, using surge and purge techniques, and subsequently sampled for water quality analysis. Groundwater samples were collected and analyzed for petroleum hydrocarbons, biodegradation indicators, and fuel oxygenates. Only benzene was detected in the groundwater sample collected from monitoring well MW-2, at a concentration of 2.9 ug/L.

Groundwater samples from monitoring wells MW-1, MW-2, MW-3, and MW-4 were also analyzed for nitrate, sulfate, iron, and manganese. The results from these analyses indicated that biodegradation might be occurring at the site.

During the week of September 13, 2000, 1,447 tons of stockpiled soil was transported from the site for disposal. The soil was transported to TPS Technologies, a soil recycling center located in Richmond, California.

2.0 OBJECTIVE

The objective of this groundwater monitoring program is to assess current groundwater conditions beneath the site.

3.0 SCOPE OF WORK

The scope of work presented below is intended to meet the objective of this investigation. As part of this investigation, four groundwater monitoring wells were gauged for depth to water and sampled. All work was conducted in accordance with the approved work plan and site safety plan developed for this site.

3.1 Monitoring Well Sampling

On June 7, 2001, SHN performed quarterly monitoring at the site to assess current groundwater conditions. As part of the monitoring program for this site, all site monitoring wells were purged and sampled. Prior to purging, each monitoring well was measured for depth to water, checked for the presence of floating product, and monitored for dissolved oxygen (DO), dissolved carbon dioxide (DCO_2), and oxidation/reduction potential (ORP).

DO and ORP were measured using portable electronic instrumentation. DCO_2 was measured using a field test kit. Electrical conductivity (EC), temperature, and pH were measured during purging operations using portable electronic instrumentation.

A groundwater sample was collected from each monitoring well using disposable polyethylene bailer and transferred into laboratory supplied bottles. Water samples were labeled, stored in an iced cooler, and transported to the laboratory under proper chain-of-custody documentation. Each groundwater sample was analyzed for TPHG, BTEX, total petroleum hydrocarbons as diesel/motor oil (TPHD/MO), total petroleum hydrocarbons as Bunker C (TPHC), fuel oxygenates, and bioremediation parameters as discussed in Section 3.4. The analysis was conducted under the supervision of North Coast Laboratories (NCL) in Arcata, California.

3.2 Water Disposal

Approximately 24 gallons of purge and decontamination water that was generated during the June 7, 2001, monitoring event was transported to the SHN purge water storage facility for testing and disposal under permit, at the City of Eureka wastewater treatment facility. A copy of the purge water disposal receipt will be provided once the disposal process is complete.

3.3 Equipment Decontamination Procedures

All well purging equipment was cleaned by washing with Liquinox soap, then triple rinsed with distilled water. All water samples were collected using pre-cleaned, disposable bailers, and transferred into laboratory supplied containers.

3.4 Laboratory Analysis

All groundwater samples were analyzed for TPHG, TPHD/MO, TPHC, BTEX, and fuel oxygenates (including MTBE) using the following methods. TPHD/MO analysis was conducted in accordance with EPA Method No. 3510/GCFID. TPHG, BTEX, and the fuel oxygenates analysis were conducted in accordance with EPA Method No. 8260B. TPHC analysis was conducted in accordance with EPA Method 8015M. Prior to analyzing for TPHC, each groundwater sample was filtered to remove suspended solids from the sample.

4.0 GROUNDWATER MONITORING RESULTS

On June 7, 2001, SHN conducted groundwater monitoring of wells MW-1, MW-2, MW-3, and MW-4 to aid in assessing site groundwater conditions, including the direction of groundwater flow. A site map showing the locations of monitoring wells MW-1 through MW-4 is presented as Figure 2.

4.1 DO, DCO_2, and ORP Monitoring

DO, DCO_2, and ORP were measured in each of the groundwater monitoring wells before sampling. DO, DCO_2, and ORP measurements are summarized in Table 1. Water quality sampling data sheets are presented in Appendix "A".

TABLE 1
DO, DCO_2, AND ORP MEASUREMENT RESULTS
SIMPSON SAMOA CORPORATION, SAMOA, CALIFORNIA

SAMPLE LOCATION	SAMPLE DATE	DO[1] (ppm)[4]	DCO_2 [2] (ppm)	ORP[3] (mV)[5]
MW-1	6/7/01	0.10	25	26
MW-2	6/7/01	0.08	30	23
MW-3	6/7/01	0.09	25	-19
MW-4	6/7/01	0.24	25	-0.05

1) DO = Dissolved oxygen, field measured using portable instrumentation.
2) DCO_2 = Dissolved carbon dioxide, field measured using a field test kit.
3) ORP = Oxidation/reduction potential measured using portable instrumentation.
4) ppm = Measurement concentration, in parts per million.
5) mV = millivolts

DO concentrations ranged from 0.08 parts per million (ppm) in well MW-2, to 0.24 ppm in monitoring well MW-4. These concentrations are marginally sufficient to support biodegradation. DCO_2 concentrations ranged from 25 ppm in well MW-1, MW-3, and MW-4 to 30 ppm in MW-2. These concentrations are inconclusive in indicating if biodegradation is occurring. ORP measurements ranged from -19 mV in well MW-3, to 26 mV in well MW-1. These values indicate that both aerobic and anaerobic conditions existed on site during this monitoring event. A general discussion of intrinsic biodegradation is presented in Appendix B.

4.2 Petroleum Hydrocarbon Results

All groundwater samples were analyzed for TPHG, TPHD/MO, TPHC, and BTEX. Table 3 presents a summary of the groundwater analytical data. Laboratory analytical reports are included in Appendix C, and historical groundwater analytical data is presented in Appendix D.

TABLE 2
PETROLEUM HYDROCARBON GROUNDWATER ANALYTICAL RESULTS
SIMPSON SAMOA CORPORATION, SAMOA, CALIFORNIA
(in ug/L)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	TPHD[2]	TPHMO[3]	TPHC[4]	B[5]	T[5]	E[5]	X[5]
MW-1	6/7/01	<50[6]	<50	<170	<250	<0.50	<0.50	<0.50	<0.50
MW-2	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50
MW-3	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50
MW-4	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50

1) TPHG = Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) TPHD = Total petroleum hydrocarbons as diesel, analyzed in accordance with EPA Method No. 5030.
3) TPHMO = Total petroleum hydrocarbons as motor oil, analyzed in accordance with EPA Method No. 5030.
4) TPHC = Total Petroleum Hydrocarbons as Bunker C, analyzed in accordance with EPA Method No. 8015M.
5) BTEX = Benzene, toluene, ethylbenzene, and xylenes analyzed in accordance with EPA Method No. 8260B.
6) "<" denotes "less than."

TPHG, BTEX, TPHD, TPHMO, and TPHC were not detected in any groundwater samples analyzed.

4.3 Fuel Oxygenate Results

All groundwater samples were analyzed for the fuel oxygenates MTBE, di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tert amyl methyl ether (TAME), tert butanol, ethanol and methanol. None of the fuel oxygenates were detected in the groundwater samples analyzed. Table 4 presents a summary of the groundwater analytical data. Laboratory analytical reports are included in Appendix C, and historical groundwater analytical data is presented in Appendix D.

TABLE 3
FUEL OXYGENATE GROUNDWATER ANALYTICAL RESULTS
SIMPSON SAMOA CORPORATION, SAMOA, CALIFORNIA
(in ug/L)

SAMPLE LOCATION	SAMPLE DATE	MTBE[1]	DIPE[2]	ETBE[3]	TAME[4]	TERT-BUTANOL	ETHANOL	METHANOL
MW-1	6/7/01	<0.50[5]	<0.50	<0.50	<0.50	<5.0	<5.0	<50
MW-2	6/7/01	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<50
MW-3	6/7/01	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<50
MW-4	6/7/01	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<50

1) MTBE = Methyl tertiary-Butyl Ether.
2) DIPE = Diisopropyl Ether.
3) ETBE = Ethyl-tertiary-Butyl Ether.
4) TAME = Tert-amyl Methyl Ether.
5) "<" denotes "less than."

4.4 Site Hydrology

Water level data were collected in May and June 2001 to assess the direction of groundwater flow and estimated gradient at the site. During this quarter, the direction of groundwater flow was generally to the southeast with estimated gradients of 0.008 feet per foot (ft/ft) and 0.007 ft/ft in May and June, respectively. A site map showing the groundwater configurations on May 7 and June 7, 2001, are presented as Figures 3 and 4, respectively. Groundwater elevation data is summarized in Table 5. Historical groundwater elevation data is presented in Appendix D.

TABLE 4
GROUNDWATER ELEVATION DATA
SIMPSON SAMOA CORPORATION, SAMOA, CALIFORNIA

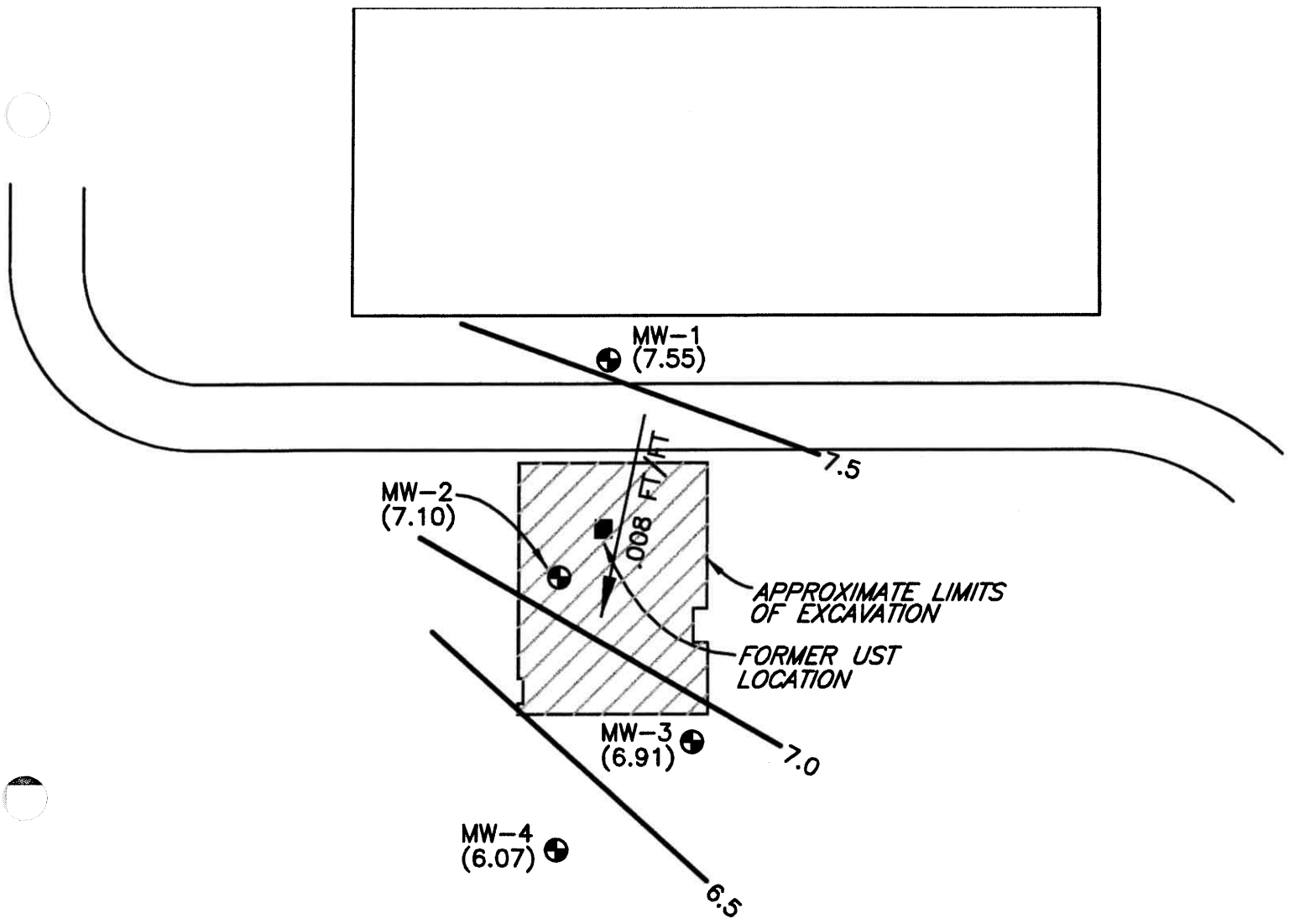
SAMPLE LOCATION	SAMPLE DATE	DEPTH TO WATER[1] (ft)	WELL ELEVATION[2] (ft msl)	WATER LEVEL ELEVATION[3] (ft msl)
MW-1	5/7/01	2.75	10.28	7.53
MW-1	6/7/01	2.94	10.28	7.34
MW-2	5/7/01	3.30	10.40	7.10
MW-2	6/7/01	3.48	10.40	6.92
MW-3	5/7/01	3.04	9.95	6.91
MW-3	6/7/01	3.41	9.95	6.54
MW-4	5/7/01	5.01	11.08	6.07
MW-4	6/7/01	5.11	11.08	5.97

1) Depth to water measured in feet below top of casing.
2) Top of casing elevation in feet above mean sea level
3) Groundwater elevation in feet above mean sea level.

5.0 CONCLUSIONS AND RECOMMENDATIONS

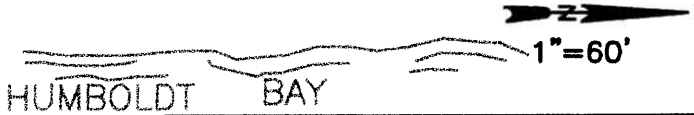
No petroleum hydrocarbons were detected in groundwater samples collected during this monitoring event. Quarterly groundwater monitoring was implemented in June 2000. Since that time, petroleum hydrocarbons (with the exception of TPHC) were only found in groundwater samples collected during the June 2000 and September 2000 monitoring events. Analysis for TPHC was started in December 2000, and was detected during both the December 2000 and March 2001 sampling events. During this sampling event, the samples analyzed for TPHC were filtered prior to being analyzed. Subsequently, TPHC was not detected in any samples analyzed. The samples were filtered in order to remove any sediment that may have been present. These results indicate that the TPHC reported during previous sampling events was actually absorbed on the sediment present in the samples, and that the TPHC impact to groundwater is negligible.

TPHG, TPHD, TPHMO, BETX, and the fuel oxygenates were not detected in any groundwater samples during the current monitoring event.



EXPLANATION

- MW-4 — MONITORING WELL LOCATION AND DESIGNATION
- (6.07) — GROUNDWATER ELEVATION IN FEET ABOVE MSL
- 7.0 — CONTOUR OF EQUAL GROUNDWATER ELEVATION
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW

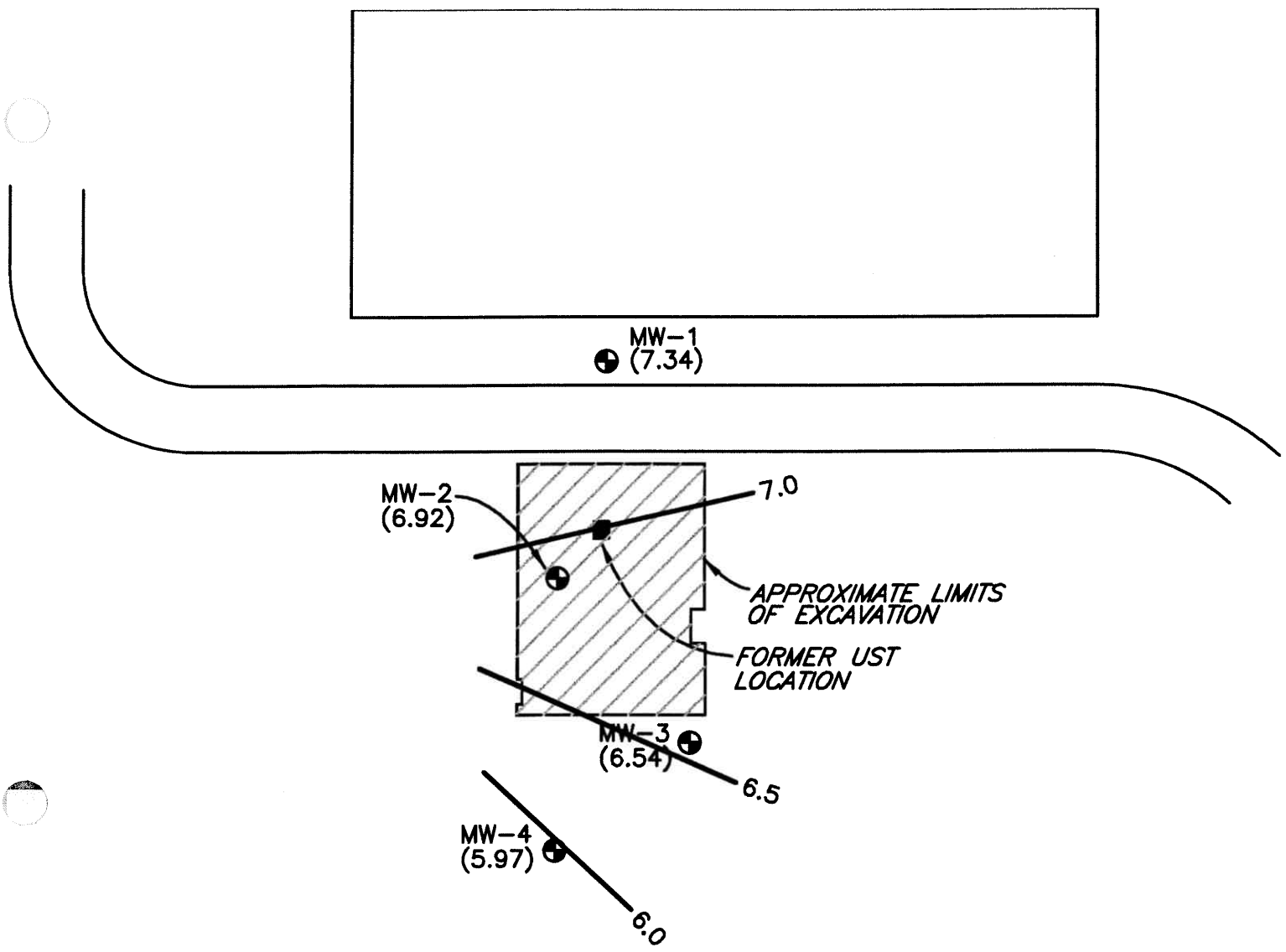


SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

GROUNDWATER CONTOURS MAY 7, 2001

SHN 099136
JULY, 2001
FIGURE 3

099136-GWC-MAY-2001



EXPLANATION

- MW-4 — MONITORING WELL LOCATION AND DESIGNATION
- (6.92) — GROUNDWATER ELEVATION IN FEET ABOVE MSL
- 6.0 — CONTOUR OF EQUAL GROUNDWATER ELEVATION
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW

HUMBOLDT BAY

1"=60'

SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

GROUNDWATER CONTOURS JUNE 7, 2001

SHN 099136
JULY, 2001

FIGURE 4

099136-GWC-JUN-2001

A review of groundwater analytical data collected prior to, and after the soil excavation program, indicates that petroleum hydrocarbon concentrations in groundwater have decreased significantly since the excavation program was completed. As discussed, petroleum hydrocarbons were not detected during this sampling event.

Prior to the excavation work in January and February 2000, TPHG had been detected in groundwater samples collected from temporary well points within the excavation area at concentrations as high as 460,000 ug/L. Once the excavation work was completed and quarterly groundwater monitoring was implemented, TPHG has only been detected in one groundwater sample. A concentration of 15,000 ug/L was found in a groundwater sample collected from monitoring well MW-3 during the September 2000 monitoring event. TPHG has not been detected in any groundwater samples collected since.

TPHD and TPHMO monitoring was implemented during the September 2000 monitoring event. Both TPHD and TPHMO have only been detected once since quarterly monitoring for these constituents was implemented.

TPHC has been detected in groundwater samples collected from each site monitoring well during previous monitoring events. However, it appears that it may be residual TPHC that has adhered to subsurface soils. The groundwater samples collected during the most recent monitoring event were filtered prior to analyzing them for TPHC. The filtering process removed minor sediment that was present in the samples. TPHC was not detected in any of the four groundwater samples analyzed during this monitoring event.

SHN recommends that an additional groundwater monitoring be conducted to confirm the groundwater conditions found during the June 2001 monitoring event, during which no petroleum hydrocarbons were detected.

Groundwater monitoring will consist of quarterly monitoring of the monitoring wells for petroleum hydrocarbons, and biodegradation indicator monitoring.

Water samples will be analyzed for TPHG, BTEX, MTBE, TPHC, and TPHD/MO according to the methods previously discussed in the laboratory analysis section of this report. The samples collected for TPHC analysis will be filtered prior to being analyzed.

Upon receipt of analytical results, a quarterly groundwater monitoring report will be prepared for submittal to the HCDEH. The report will include a description of the monitoring and sampling activities, a summary of results, analytical reports, groundwater elevations, and groundwater contour maps. Information collected during this and previous monitoring events will be used to make recommendations for the site. The next sampling event is scheduled to occur in September 2001.

REFERENCES

SHN Consulting Engineers & Geologists, Inc. (August 23, 1999). Report of Underground Storage Tank Removal, Simpson Samoa Wood Mill. Eureka: SHN.

---. (July 2000). Soil Excavation and Site Investigation Report of Findings Simpson UST Investigation Samoa, California. Eureka: SHN.

APPENDIX A

WATER QUALITY DATA SHEETS

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-engr.com

GROUNDWATER ELEVATIONS

JOB NO.:	099136	NAME:	David R. Paine
CLIENT:	SIMPSON SAMOA	DATE:	5-7-01
LOCATION:	SAMOA , CA.	WEATHER:	Clear

WELL NO.	TIME OF READING	MEAS. OF ELEVATION	DEPTH TO WATER IN FT.	WATER SUR. ELEVATION
MW-1	1040	10.28	2.75	7.53
MW-2	1042	10.40	3.30	7.10
MW-3	1038	9.95	3.04	6.91
MW-4	1033	11.08	5.01	6.07
MW-1		10.28		
MW-2		10.40		
MW-3		9.95		
MW-4		11.08		
MW-1		10.28		
MW-2		10.40		
MW-3		9.95		
MW-4		11.08		
MW-1		10.28		
MW-2		10.40		
MW-3		9.95		
MW-4		11.08		
MW-1		10.28		
MW-2		10.40		
MW-3		9.95		
MW-4		11.08		

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • Tel: 707/441-8855 • FAX: 707/441-8877 • E-mail: shninfo@shn-engr.com

FIELD SAMPLING LOG

Project #:	099136	Date:	6-7-01
Client:	Simpson Samoa Co.	Sampler:	David R. Pain
Well No.:	MW-3	Water Elevation	
Total Depth:	12.15	Depth To Water	3.41
Ht Of Water Column:	8.74	x (0.16) = Casing Volume	1.40 x 3 = 4.20

CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
	0.09		3.41	0917	0 gal.			
25	↓	-19		0935	0.25 gal.			
	↓			0942	1.50 gal.	378	61.7°	6.70
	No Flow			0949	3 gal.	370	61.3°	6.76
	thru cell			0955	4.50 gal.	365	60.4°	6.72

TOTAL 4.5 gal

Initial Water Volume 1.4 gal.

Sampling Equipment Disposable Bailer

Sample Time 1100 060701-02

Sample Analysis 8260 list 2, TPHD/MO, TPH Bunker C, ~~D,D, Fe, Mn, and Methane, SO4, NC~~

Laboratory NCL

Remarks

Recharged to ~~3.53~~ at sampling time

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • Tel: 707/441-8855 • FAX: 707/441-8877 • E-mail: shninfo@shn-engr.com

FIELD SAMPLING LOG

Project #:	099136	Date:	6-7-01
Client:	Simpson Samoa Co.	Sampler:	David R. Pain
Well No.:	MW-4	Water Elevation	
Total Depth:	13.55	Depth To Water	5.11
Ht Of Water Column:	8.44	x (0.16) = Casing Volume	1.35 x 3 = 4.05

CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
~~25~~	0.24	~~0.05~~	5.11	0910	0 gal.			
25		-0.05		0925	0.25 gal.	337		
	↓			0934	1.50 gal.	~~6.5~~	62.3°	7.16
	No Flow			0943	2.75 gal.	383	62.0	7.23
	thru cell			0950	4.25 gal.	472	61.8°	7.36
				1000	5.75 gal	488	61.7°	7.39
				1010	7.00 gal	479	61.6°	7.39

TOTAL 7.0 gal
Initial Water Volume 1.4 gal.

Sampling Equipment: Disposable Bailer
Sample Time: 1045 060701-01
Sample Analysis: 8260 list 2, TPHD/mo, TPH Bunker C, ~~Diss. Fe, Mn, and Methane, SO4, NO~~
Laboratory: NCL
Remarks:

Recharged to 5.07 at sampling time

APPENDIX B

INTRINSIC BIOREMEDIATION SUMMARY

APPENDIX B
INTRINSIC BIOREMEDIATION

Intrinsic bioremediation is the degradation of a contaminant such as petroleum hydrocarbons by naturally occurring organisms. These organisms metabolize the contaminant as a primary carbon source. In addition to requiring a carbon source, an electron acceptor such as oxygen, is required for organisms to metabolize the contaminant. The occurrence of intrinsic bioremediation can be demonstrated by measuring the loss of the contaminant concentration and electron acceptor, the increase in concentrations of metabolic by-products, and the change in concentrations of geochemical indicators. In some cases (ideally when the contaminant concentrations are low), natural degradation processes will reduce dissolved concentrations below the maximum contaminant level (MCL) for drinking water standards, before reaching any nearby receptors. A detailed discussion for each indicator is presented below. Table B-1 summarizes trends to look for when evaluating indicators of intrinsic bioremediation at a site.

TABLE B-1
SUMMARY OF INTRINSIC BIOREMEDIATION PARAMETERS

GROUNDWATER ANALYTICAL PARAMETER	CONTAMINANT PLUME RELATED TO BACKGROUND	DOWNGRADIENT RELATED TO CONTAMINANT PLUME
Dissolved Oxygen	Decreases	Increases
Dissolved Carbon Dioxide	Increases	Decreases
Reduction/Oxidation Potential	Decreases	Increases
Nitrate	Decreases	Increases
Manganese (II)	Increases	Decreases
Iron (II)	Increases	Decreases
Sulfate	Decreases	Increases
Dissolved Methane	Increases	Decreases

Dissolved Oxygen

Dissolved Oxygen (DO) is the favored electron acceptor for aerobic biodegradation of petroleum hydrocarbons (Buscheck, O'Reilly, 1995). Dissolved oxygen provides the most energy for microorganisms to metabolize petroleum hydrocarbons. However, the transfer of oxygen from the atmosphere to groundwater is slow and can cause oxygen depletion within the plume (Borden, Bedient, 1986), a decrease of DO concentrations within the plume is an indication that microorganisms are present. Threshold concentrations of DO for aerobic biodegradation range from 1 to 2 mg/L (McAllister, Chiang, 1994).

Nitrate

Once microorganisms have depleted concentrations of dissolved oxygen, an alternative electron acceptor may be utilized for anaerobic biodegradation. Depending upon the availability of nitrate (NO_3^-) in the groundwater, a process known as denitrification may occur. Microorganisms utilize nitrate as an electron acceptor and convert nitrate into nitrite (NO_2^-) and eventually into nitrogen gas (N_2) (Baker, Herson, 1994). Nitrate concentrations in the plume should be less than background.

Manganese (II)

When groundwater becomes depleted of dissolved oxygen and nitrate, conditions are sufficiently reducing for the reduction and dissolution of manganese coatings. These reactions result in reduced manganese in the groundwater (Carey et al 1996). The use of manganese (IV) as a terminal electron acceptor by microorganisms yields a reduced water-soluble manganese (II).

Ferrous Iron

In some cases, iron (III) or ferric iron is used as an electron acceptor in anaerobic biodegradation of petroleum hydrocarbons. Iron reduction is the conversion by microorganisms of iron (III) to ferrous iron or iron (II) (Buscheck, O'Reilly, 1995). The ferrous iron will be in a soluble form depending upon the Eh/pH conditions. Ferrous iron concentrations should be greater inside the plume than background. As soon as iron rich groundwater comes into contact with dissolved oxygen, the dissolved iron (II) will immediately oxidize to iron (III) and subsequently precipitate as iron coatings on soil sediments (Appelo and Postma, 1993).

Sulfate

Sulfate (SO_4^{2-}) is another alternative electron acceptor, once oxygen has been depleted by microorganisms. Sulfate reduction is the conversion of sulfate to hydrogen sulfide (H_2S). A reduction of sulfate concentrations across the plume is an indication that anaerobic biodegradation is occurring (Wiedemeier et al., 1995).

Methane

Methane is produced only under strong reducing conditions by a group of strict anaerobes. Methanogens use CO_2 as a terminal electron acceptor and produce methane (ASTM, 1996). Table 2 shows that Methanogenic reactions are the least thermodynamically favored (USEPA, 1996 B).

Viessman, W., and M. J. Hammer. (1985). Water Supply and Pollution Control, Harper, & Row, Publishers, New York, N.Y.

Weidemeier, T. H., et al. (1994). "Technical Protocol for Implementing the Intrinsic Remediation with Long-Term Monitoring Operation for Natural Attenuation of Dissolved-Phased Fuel Contamination in Ground Water." Developed for the Air Force Center for Environmental Excellence, Brooks Air Force Base. San Antonio: USAF.

World Health Organization (1987). "Pentachlorophenol." Environmental Health Criteria, Bulletin 7. NR: World Health Org.

Young, H. C., and Caroll, J. C. (1951). "The Decomposition of Pentachlorophenol When Applied as a Residual Re-emergence Herbicide." Agron. J., Volume 43, Pages 504-507. NR: NR.

APPENDIX C

LABORATORY ANALYTICAL REPORTS

REC'D JUN 2 0 2001

NORTH COAST
LABORATORIES LTD.

June 19, 2001

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Order No.: 0106204
Invoice No.: 16432
PO No.:

Attn: Frans Lowman

RE: 099136, Simpson Samoa UST

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	060701-01
02A	060701-02
03A	060701-03
04A	060701-04

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s) | QA Officer | Jesse G. Chaney, Jr.
Laboratory Director

5680 West End Road • Arcata California 95521-9202 • 707-822-4649 • FAX 707-822-6831

Printed on Recycled Paper

Date: 19-Jun-01
WorkOrder: 0106204

ANALYTICAL REPORT

Client Sample ID: 060701-01 MW-4 **Received:** 6/8/01 **Collected:** 6/7/01 10:45
Lab ID: 0106204-01A

Test Name: TPH as Diesel/Motor Oil **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	ND	50	µg/L	1.0	6/12/01	6/15/01
TPHC Motor Oil	ND	170	µg/L	1.0	6/12/01	6/15/01

Client Sample ID: 060701-02 MW-3 **Received:** 6/8/01 **Collected:** 6/7/01 11:00
Lab ID: 0106204-02A

Test Name: TPH as Diesel/Motor Oil **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	ND	50	µg/L	1.0	6/12/01	6/15/01
TPHC Motor Oil	ND	170	µg/L	1.0	6/12/01	6/15/01

Client Sample ID: 060701-03 MW-1 **Received:** 6/8/01 **Collected:** 6/7/01 11:15
Lab ID: 0106204-03A

Test Name: TPH as Diesel/Motor Oil **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	ND	50	µg/L	1.0	6/12/01	6/15/01
TPHC Motor Oil	ND	170	µg/L	1.0	6/12/01	6/15/01

Client Sample ID: 060701-04 MW-2 **Received:** 6/8/01 **Collected:** 6/7/01 11:30
Lab ID: 0106204-04A

Test Name: TPH as Diesel/Motor Oil **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	ND	50	µg/L	1.0	6/12/01	6/15/01
TPHC Motor Oil	ND	170	µg/L	1.0	6/12/01	6/15/01

NORTH COAST LABORATORIES
5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831
Printed on Recycled Paper

North Coast Laboratories, Ltd.

Date: 19-Jun-01

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0106204
Project: 099136, Simpson Samoa UST

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID **LCS-4302** Batch ID: **4302** Test Code: **TPHDMW** Units: **µg/L** Analysis Date **6/15/01 4:23:01 PM** Prep Date **6/12/01**
Client ID: Run ID: **ORGC5_010615A** SeqNo: **167823**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	361.9	50	500	46.2	63.1%	45	133	0			
TPHC Motor Oil	961.2	170	1,000	41.9	91.9%	39	153	0			

Sample ID **LCSD-4302** Batch ID: **4302** Test Code: **TPHDMW** Units: **µg/L** Analysis Date **6/15/01 4:57:55 PM** Prep Date **6/12/01**
Client ID: Run ID: **ORGC5_010615A** SeqNo: **167824**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	362.3	50	500	46.2	63.2%	45	133	362	0.116%	12	
TPHC Motor Oil	919.6	170	1,000	41.9	87.8%	39	153	961	4.42%	8	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Alpha Analytical, Inc.
255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

REC'D JUN 27 2001

ANALYTICAL REPORT

Northcoast Laboratories
5680 West End Road
Arcata, CA 95521

Job#:
Phone: (707) 822-4649
Attn: Loretta Tomlin

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B/DHS LUFT Manual
Volatile Organic Compounds (VOCs) EPA Method SW8260B

	Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID : MW-4	TPH Gasoline	ND	50 µg/L	06/07/01	06/14/01
0106228-1A/060701-01	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	06/07/01	06/14/01
Lab ID :	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	06/07/01	06/14/01
NOC01061262-01A	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	06/07/01	06/14/01
	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	06/07/01	06/14/01
	Benzene	ND	0.50 µg/L	06/07/01	06/14/01
	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	06/07/01	06/14/01
	Toluene	ND	0.50 µg/L	06/07/01	06/14/01
	Ethylbenzene	ND	0.50 µg/L	06/07/01	06/14/01
	m,p-Xylene	ND	0.50 µg/L	06/07/01	06/14/01
	o-Xylene	ND	0.50 µg/L	06/07/01	06/14/01
	Ethanol	ND	5,000 µg/L	06/07/01	06/14/01
	Methanol	ND	5,000 µg/L	06/07/01	06/13/01
Client ID : MW-3	TPH Gasoline	ND	50 µg/L	06/07/01	06/14/01
0106228-2A/060701-02	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	06/07/01	06/14/01
Lab ID :	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	06/07/01	06/14/01
NOC01061262-02A	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	06/07/01	06/14/01
	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	06/07/01	06/14/01
	Benzene	ND	0.50 µg/L	06/07/01	06/14/01
	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	06/07/01	06/14/01
	Toluene	ND	0.50 µg/L	06/07/01	06/14/01
	Ethylbenzene	ND	0.50 µg/L	06/07/01	06/14/01
	m,p-Xylene	ND	0.50 µg/L	06/07/01	06/14/01
	o-Xylene	ND	0.50 µg/L	06/07/01	06/14/01
	Ethanol	ND	5,000 µg/L	06/07/01	06/14/01
	Methanol	ND	5,000 µg/L	06/07/01	06/13/01
Client ID : MW-1	TPH Gasoline	ND	50 µg/L	06/07/01	06/14/01
0106228-3A/060701-03	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	06/07/01	06/14/01
Lab ID :	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	06/07/01	06/14/01
NOC01061262-03A	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	06/07/01	06/14/01
	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	06/07/01	06/14/01
	Benzene	ND	0.50 µg/L	06/07/01	06/14/01
	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	06/07/01	06/14/01
	Toluene	ND	0.50 µg/L	06/07/01	06/14/01
	Ethylbenzene	ND	0.50 µg/L	06/07/01	06/14/01
	m,p-Xylene	ND	0.50 µg/L	06/07/01	06/14/01
	o-Xylene	ND	0.50 µg/L	06/07/01	06/14/01
	Ethanol	ND	5,000 µg/L	06/07/01	06/14/01
	Methanol	ND	5,000 µg/L	06/07/01	06/13/01

Date: *18-Jun-01*

Alpha Analytical, Inc. - QC Summary Report

Work Order: 01061262

Method Blank

Type **MBLK** Test Code: **SW8015** Batch ID: **MS9W0613B**

File ID: Analysis Date: **06/14/2001 01:19**

Sample ID: **MBLK_01061340** Units : **µg/L** Run ID: **GC/MSD_9_010613A** Prep Date: **06/14/2001**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	Qual
TPH Gasoline	ND	50								

Laboratory Control Spike

Type **LCS** Test Code: **SW8015** Batch ID: **MS9W0613B**

File ID: **D:\HPCHEM\MS09\DATA\010613\01061341.D** Analysis Date: **06/14/2001 01:41**

Sample ID: **GLCS MS90613B** Units : **µg/L** Run ID: **GC/MSD_9_010613A** Prep Date: **06/14/2001**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	Qual
TPH Gasoline	444	50	400		111	56	136			

Comments:

ND - Not Detected at the Reporting Limit.

S - Spike Recovery outside accepted recovery limits.

B - Analyte detected in the associated Method Blank.

Reported in micrograms per liter, per client request.

D - If the spiked value is <25% of the reference value, recovery should not be calculated.

M - Spike Recovery outside accepted recovery limits due to matrix.

Date: *18-Jun-01*

Alpha Analytical, Inc. - QC Summary Report

Work Order: 01061262

Method Blank Type **MBLK** Test Code: **SW8260B-DI** Batch ID: **5206**

File ID: **C:\HPCHEM\MS11\DATA\010613\01061303.D** Analysis Date: **06/13/2001 11:21**

Sample ID: **MB-5206** Units : **µg/L** Run ID: **GC/MSD_11_010613A** Prep Date: **06/13/2001**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	Qual
Methanol	ND	5000								

Laboratory Control Spike Type **LCS** Test Code: **SW8260B-DI** Batch ID: **5206**

File ID: **C:\HPCHEM\MS11\DATA\010613\01061304.D** Analysis Date: **06/13/2001 11:37**

Sample ID: **LCS-5206** Units : **µg/L** Run ID: **GC/MSD_11_010613A** Prep Date: **06/13/2001**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	Qual
Methanol	12100	5000	10000		121	70	130			

Comments:

ND - Not Detected at the Reporting Limit.

S - Spike Recovery outside accepted recovery limits.

B - Analyte detected in the associated Method Blank.

Reported in micrograms per liter, per client request.

D - If the spiked value is <25% of the reference value, recovery should not be calculated.

M - Spike Recovery outside accepted recovery limits due to matrix.

Billing Information

CHAIN-OF-CUSTODY RECORD CA 8day

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : NOC01061262

Report Due By : 5:00 PM On : 22-Jun-01

Client:
Northcoast Laboratories
5680 West End Road

Arcata, CA 95521
Report Attention : Loretta Tomlin
CC Report :

Client	Loretta Tomlin	
TEL : (707) 822-4649	TEL : (707) 822-4649	TEL :
FAX : (707) 822-6831	FAX : (707) 822-6831	FAX :

Job :
PO :

Client's COC # : none

EDD Required : No

Sampled by : Client

Cooler Temp : 4 °C

12-Jun-01

QC Level : 3 = Final Rpt, MBLK, LCS, MS/MSD

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles ORG	SUB	TAT	PWS #	Requested Tests ALCOHOL_W	TPH/P_W	VOC_W						Sample Remarks
NOC01061262-01A	0106228-1A/060701-01	GW	06/07/01 00:00	3	0	8		MeOH	GAS-CAL	BTEX/OXY/ Ethanol						Tph/p,Btex,7 oxys(list #2) Samples did not have a sampling time recorded.
NOC01061262-02A	0106228-2A/060701-02	GW	06/07/01 00:00	3	0	8		MeOH	GAS-CAL	BTEX/OXY/ Ethanol						Tph/p,Btex,7 oxys(list #2) Samples did not have a sampling time recorded.
NOC01061262-03A	0106228-3A/060701-03	GW	06/07/01 00:00	3	0	8		MeOH	GAS-CAL	BTEX/OXY/ Ethanol						Tph/p,Btex,7 oxys(list #2) Samples did not have a sampling time recorded.
NOC01061262-04A	0106228-4A/060701-04	GW	06/07/01 00:00	3	0	8		MeOH	GAS-CAL	BTEX/OXY/ Ethanol						Tph/p,Btex,7 oxys(list #2) Samples did not have a sampling time recorded.

Comments: Ca sample. Real and Blue ice frozen. No security seals present. Please include QC data,report in ppb. :

	Signature	Print Name	Company	Date/Time
Received by:	Tracy DeGiovanni	T. DeGiovanni	Alpha Analytical, Inc.	6/12/01 10:28

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata • CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

LABORATORY NUMBER: 0106228

Attention: Frans Lowman
Results & Invoice to: SHN
Address: 812 W. Wabash Avenue
Eureka, Ca. 95501-2138
Phone: 441-8855
Copies of Report to:
Sampler (Sign & Print): David R. Paine David R. Paine

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☒ STD (2–3 Wk) ☐ Other:
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By:__/__/__
Final Report: FAX ☐ Verbal ☐ By:__/__/__

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

PROJECT INFORMATION

Project Number: 099136
Project Name: Simpson Samoa UST
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	CONTAINER	PRESERVATIVE	8260 list 2	TPHD/MO	TPH Bunker C
	060701-01	6/7/01	1045	GW	9	b	X	X	X
	060701-02		1100				X	X	X
	060701-03		1115				X	X	X
	060701-04		1130				X	X	X
					14			X	
					7				X

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

Note!
Centrifuge all samples prior to TPH Bunker C analysis

Cooler Temp. 8.0

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
David R. Paine David R. Paine	6/7/01 1600		6/8/01 0814

SAMPLE DISPOSAL
☒ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus (Hand)

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 06/19/01
Date Received: 06/13/01
Project: 0106229
Date Extracted: 06/14/01
Date Analyzed: 06/14/01 and 06/15/01

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS BUNKER C USING EPA METHOD 8015M

Samples Filtered Prior to Extraction

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Bunker C Range (C_{10}-C_{36})	Surrogate (% Recovery) (Limit 45-147)
0106229-1A MW-4 106062-01	<250	86
0106229-2A MW-3 106062-02	<250	91
0106229-3A MW-1 106062-03	<250	61
0106229-4A MW-2 106062-04	<250	72
Method Blank	<250	80

106062

Page 1 of 1

Sub-Contract
Chain of Custody Record

NORTH COAST LABORATORIES LTD.

CJ 6.13.01 C03

Date Shipped: 6/8/01 **Carrier:** Airborne

Air Bill #: _____ **Cooler #:** _____

Subcontractor: Freidman & Bruya
3008-B 16th Ave West
Seattle, WA 98119

Phone: 206-285-8282
Attention Line: Sample Receiving

Send Results to: North Coast Labs
5680 West End Road
Arcata, CA 95521
Attn: Loretta Tomlin
(707) 822-4649

Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time
K Thompson	6/11/01 1500	S Olson	6/13/01

Analysis Request

NCL Sample #:	Sample ID:	Date Sampled:	Analysis:
0106229-1A	060701-01	6/7/01	Total Petroleum Hydrocarbons - Bunker C Oil
0106229-2A	060701-02	6/7/01	Total Petroleum Hydrocarbons - Bunker C Oil
0106229-3A	060701-03	6/7/01	Total Petroleum Hydrocarbons - Bunker C Oil
0106229-4A	060701-04	6/7/01	Total Petroleum Hydrocarbons - Bunker C Oil

Sample Condition: OK

LABID #
01
02
03
04

Special Instructions: Please include QC Data !!MUST CENTRIFUGE SAMPLES PRIOR TO ANALYSIS!!!!!!

Date Due: 6/22/01 Rush Charges Authorized: NO Preservative: None

Return Chain of Custody to NCL

APPENDIX D

HISTORICAL DATA

TABLE D1
UST REMOVAL SOIL AND GROUNDWATER ANALYTICAL RESULTS
SIMPSON SAMOA CORPORATION, SAMOA, CA
(Soil = ug/g, Water = ug/l)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]	TB[4]	M[5]	ETH[6]	LEAD[7]
Soil											
ES-1	07/12/99	990	3.1	<8.0[8]	8.3	1.6	<5.0	NA[9]	NA	NA	18
ES-2	07/12/99	760	0.0085	0.0063	<0.005	0.16	<0.005	0.017	<0.20	0.22	NA
Water											
W-1	07/12/99	17,000	2,300	64	550	67	<5.0	<50	870	<50	NA

1) TPHG = Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX = Benzene, toluene, ethylbenzene, and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE = Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) TB = Tert-butanol, analyzed in accordance with EPA Method No. 8260B.
5) M = Methanol, analyzed in accordance with EPA Method No. 8260B.
6) ETH = Ethanol, analyzed in accordance with EPA Method No. 8260B.
7) Lead = Analyzed in accordance with EPA Method No. 200.9, reported in micrograms per gram.
8) "<" denotes "less than."
9) NA = Not analyzed.

TABLE D2
PRELIMINARY SITE INVESTIGATION SOIL AND GROUNDWATER ANALYTICAL RESULTS
SIMPSON SAMOA CORPORATION, SAMOA, CA
(Soil = ug/g, Water = ug/l)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]	M[4]
Soil								
WP-1(3-3.5)	11/08/99	<1.0[5]	<0.005	<0.005	<0.005	<0.005	<0.05	NA[6]
WP-2(3)	11/08/99	**4,000**	**19**	<50	<80	<20	<20	NA
WP-3(3-4)	11/08/99	**15**	**0.032**	<0.060	<0.020	<0.020	<0.05	NA
WP-4(3.5)	11/08/99	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
WP-5(2-2.5)	11/08/99	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
WP-6(4)	11/08/99	<1.0	<0.005	0.0064	<0.005	**0.0091**	<0.05	NA
WP-7(1.2-2.2)	11/08/99	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
WP-8(3-3.2)	11/08/99	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
Water								
WP-1	11/08/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	**65**
WP-2	11/08/99	**460,000**	**5,900**	**200**	**2,000**	**820**	<50	<5,000
WP-3	11/08/99	**1,200**	**8.7**	**5.0**	**2.3**	**1.8**	<0.50	<50
WP-4	11/08/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50
WP-5	11/08/99	**2,900**	**0.85**	**0.70**	<0.50	**0.69**	<0.50	**140**
WP-6	11/08/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50
WP-7	11/08/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50

1) TPHG = Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX = Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE = Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) M = Methanol, analyzed in accordance with EPA Method No. 8260B.
5) "<" = Denotes "less than."
6) NA = Not analyzed.

TABLE D3
SOIL ANALYTICAL RESULTS
EXCAVATION SIDEWALL AND FLOOR SAMPLES
SIMPSON SAMOA CORPORATION, SAMOA, CA
(in ug/g)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]
1	2/03/00	<1.0[4]	<0.005	<0.005	<0.005	<0.005	<0.05
2	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
3	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
4	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
5	2/03/00	4.2	<0.005	<0.005	<0.005	<0.010	<0.05
6	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
7	2/03/00	1.0	0.009	<0.005	<0.005	0.0072	<0.05
8	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
BN	2/03/00	1.1	<0.005	<0.005	<0.005	<0.005	<0.05
BS	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
BE	2/03/00	<1.0	<0.005	<0.005	<0.005	0.0083	<0.05

1) TPHG = Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX = Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE = Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) "<" denotes "less than."

TABLE D4
SOIL ANALYTICAL RESULTS MONITORING WELL INSTALLATION,
SIMPSON SAMOA CORPORATION, SAMOA, CA
(in ug/g)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]
Soil							
MW-1 2.0	05/11/00	<1.0[4]	<0.005	<0.005	<0.005	<0.005	<0.050
MW-2 5.0	05/11/00	5.1	0.57	0.042	0.019	0.042	<0.050
MW-3 4.0	05/11/00	<1.0	0.0061	0.0061	<0.005	<0.005	<0.050
MW-4 3.5	05/11/00	<1.0	<0.005	0.0054	<0.005	0.0062	<0.050

1) TPHG = Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX = Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE = Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) "<" denotes "less than."

TABLE D5
HISTORICAL PETROLEUM HYDROCARBON GROUNDWATER ANALYTICAL RESULTS
QUARTERLY SAMPLING
SIMPSON SAMOA CORPORATION, SAMOA, CA
(in ug/L)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	TPHD[2]	TPMO[3]	TPHC[4]	B[5]	T[5]	E[5]	X[5]	MTBE[6]	M[7]
MW-1	06/08/00	<50[8]	NS[9]	NS	NS	<0.50	<0.50	<0.50	<0.50	NS	**290**
MW-1	9/21/00	<50	<50	<170	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-1	12/06/00	<50	<50	<170	**420**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-1	3/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-1	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-2	06/08/00	<50	NS	NS	NS	**2.9**	<0.50	<0.50	<0.50	NS	<50
MW-2	9/21/00	<50	<50	<170	NS	**1.5**	<0.50	<0.50	<0.50	<0.50	<50
MW-2	12/06/00	<50	<50	<170	**400**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-2	3/7/01	<50	<50	<170	**440**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-2	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-3	06/08/00	<50	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	NS	**470**
MW-3	9/21/00	**15,000**	**53**	**400**	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-3	12/06/00	<50	<50	<170	**1,100**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-3	3/7/01	<50	<50	<170	**910**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-3	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-4	06/08/00	<50	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	NS	<50
MW-4	9/21/00	<50	<50	<170	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-4	12/06/00	<50	<50	<170	**460**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-4	3/7/01	<50	<50	<170	**360**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
MW-4	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50

1) TPHG = Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) TPHD = Total petroleum hydrocarbons as diesel, analyzed in accordance with EPA Method No. 5030.
3) TPMO = Total petroleum hydrocarbons as motor oil, analyzed in accordance with EPA Method No. 5030.
4) TPHC = Total Petroleum hydrocarbons as Bunker C, analyzed in accordance with EPA 8015M
5) BTEX = Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
6) MTBE= Methyl tertiary-Butyl Ether
7) M = Methanol, analyzed in accordance with EPA Method No. 8260B. No other fuel oxygenates were detected using this method.
8) "<" denotes "less than."
9) NS = Not Sampled.

TABLE D6
BIODEGRADATION INDICATOR GROUNDWATER ANALYTICAL RESULTS
SIMPSON SAMOA CORPORATION, SAMOA, CA
(Groundwater)

SAMPLE LOCATION	SAMPLE DATE	NITRATE[1] (mg/L)	SULFATE[2] (mg/L)	IRON[3] (ug/L)	MANGANESE[4] (ug/L)	METHANE[5] (ug/mL)
MW-1	06/08/00	<0.10[6]	**8.7**	**130**	**68**	NS[7]
MW-1	9/21/00	<0.10	**6.0**	**510**	**98**	**907**
MW-1	12/06/00	<0.10	**8.3**	**670**	**100**	**4.1**
MW-1	3/7/01	<0.10	**15**	**1,400**	**87**	**5.0**
MW-2	06/08/00	<0.10	**6.0**	**110**	**49**	NS
MW-2	9/21/00	<0.10	**4.0**	**170**	**48**	**14.3**
MW-2	12/06/00	<0.10	**3.6**	**200**	**38**	**0.88**
MW-2	3/7/01	NS[6]	NS	NS	NS	NS
MW-3	06/08/00	<0.10	**4.8**	<100	**15**	NS
MW-3	9/21/00	<0.10	**5.9**	**130**	**33**	**44.7**
MW-3	12/06/00	<0.10	**6.4**	<100	**40**	**0.11**
MW-3	3/7/01	<0.10	**6.8**	<100	**59**	**0.33**
MW-4	06/08/00	<0.10	**8.7**	<100	**190**	NS
MW-4	9/21/00	<0.10	**3.9**	<100	**87**	**1.12**
MW-4	12/06/00	<0.10	**4.5**	<100	**95**	**2.6**[6,7]
MW-4	3/7/01	<0.10	**2.9**	<100	**160**	**4.6**

1) Nitrate, analyzed in accordance with EPA Method No. 300.0.
2) Sulfate, analyzed in accordance with EPA Method No. 300.0.
3) Iron (dissolved), analyzed in accordance with EPA Method No. 200.7.
4) Manganese (dissolved), analyzed in accordance with EPA Method No. 200.7.
5) Methane (dissolved), analyzed in accordance with Modified RSK-125.
6) Methane (dissolved), analyzed in accordance with Modified RSK-175.
7) Units are ug/mL.
8) "<" denotes "less than".

NS = Not Sampled

TABLE D7 HISTORICAL GROUNDWATER ELEVATION DATA SIMPSON SAMOA CORPORATION, SAMOA, CA				
SAMPLE LOCATION	**SAMPLE DATE**	**DEPTH TO WATER[1] (ft)**	**WELL ELEVATION[2] (ft msl)**	**WATER LEVEL ELEVATION[3] (ft msl)**
MW-1	6/8/00	2.00	10.28	8.28
	9/21/00	2.71	10.28	7.57
	12/06/00	2.64	10.28	7.64
	1/5/01	2.71	10.28	7.57
	2/5/01	2.38	10.28	7.90
	3/7/01	2.23	10.28	8.05
	5/7/01	2.75	10.28	7.53
	6/7/01	2.94	10.28	7.34
MW-2	6/8/00	2.80	10.40	7.60
	9/21/00	3.19	10.40	7.21
	12/06/00	3.05	10.40	7.35
	1/5/01	3.09	10.40	7.31
	2/5/01	2.76	10.40	7.64
	3/7/01	2.71	10.40	7.69
	5/7/01	3.30	10.40	7.10
	6/7/01	3.48	10.40	6.92
MW-3	6/8/00	2.71	9.95	7.24
	9/21/00	3.02	9.95	6.93
	12/06/00	2.81	9.95	7.14
	1/5/01	2.86	9.95	7.09
	2/5/01	2.59	9.95	7.36
	3/7/01	2.49	9.95	7.46
	5/7/01	3.04	9.95	6.91
	6/7/01	3.14	9.95	6.64
MW-4	6/8/00	4.78	11.08	6.30
	9/21/00	5.01	11.08	6.07
	12/06/00	4.91	11.08	6.17
	1/5/01	4.97	11.08	6.11
	2/5/01	4.80	11.08	6.28
	3/7/01	4.58	11.08	6.50
	5/7/01	5.01	11.08	6.07
	6/7/01	5.11	11.08	5.97

1) Depth to water measured in feet below top of casing.
2) Top of casing elevation in feet above mean sea level
3) Groundwater elevation in feet above mean sea level.

TABLE D8
HISTORICAL TEMPERATURE, DO, DCO_2, AND ORP MEASUREMENT RESULTS
SIMPSON SAMOA, SIMPSON SAMOA, CALIFORNIA

SAMPLE LOCATION	SAMPLE DATE	DO[1] (ppm)[4]	DCO_2 [2] (ppm)	ORP[3] (mV)[5]
MW-1	9/21/00	0.61	30	-15
	12/06/00	0.69	30	130
	3/7/01	0.67	25	15
	6/7/01	0.10	25	26
MW-2	9/21/00	0.51	20	30
	12/06/00	0.62	20	135
	3/7/01	0.41	20	26
	6/7/01	0.08	30	23
MW-3	9/21/00	0.52	30	25
	12/06/00	0.65	20	113
	3/7/01	0.49	25	39
	6/7/01	0.09	25	-19
MW-4	9/21/00	0.56	30	-25
	12/06/00	0.73	20	140
	3/7/01	0.57	25	25
	6/7/01	0.24	25	-0.05

1) DO = Dissolved oxygen, field measured using portable instrumentation.
2) DCO_2 = Dissolved carbon dioxide, field measured using a field test kit.
3) ORP = Oxidation/reduction potential measured using portable instrumentation.
4) ppm = Measurement concentration, in parts per million.
5) mV = millivolts

Simpson Timber ~~Mad~~ Co Samoa

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • 707-441-8855 • Fax 707-441-8877 • shninfo@shn-engr.com

RWQCB
REGION 1
MAY 28 2001
LAM ☐ CRJ ☐
RLT ☐ SAW ☑ KAD ☐ KSA
FCR ☐ RSG ☐

Reference: 099136.600

May 22, 2001

Ms. Kasey Ashley, Associate Engineering Geologist
California Regional Water Quality Control Board, North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Ka
6/10/01

SUBJECT: INTERIM REMEDIAL ACTION FOR PCP-IMPACTED SOIL, SIMPSON SAMOA WOOD MILL, SAMOA, CALIFORNIA; RWQCB CASE No. 1NHU764

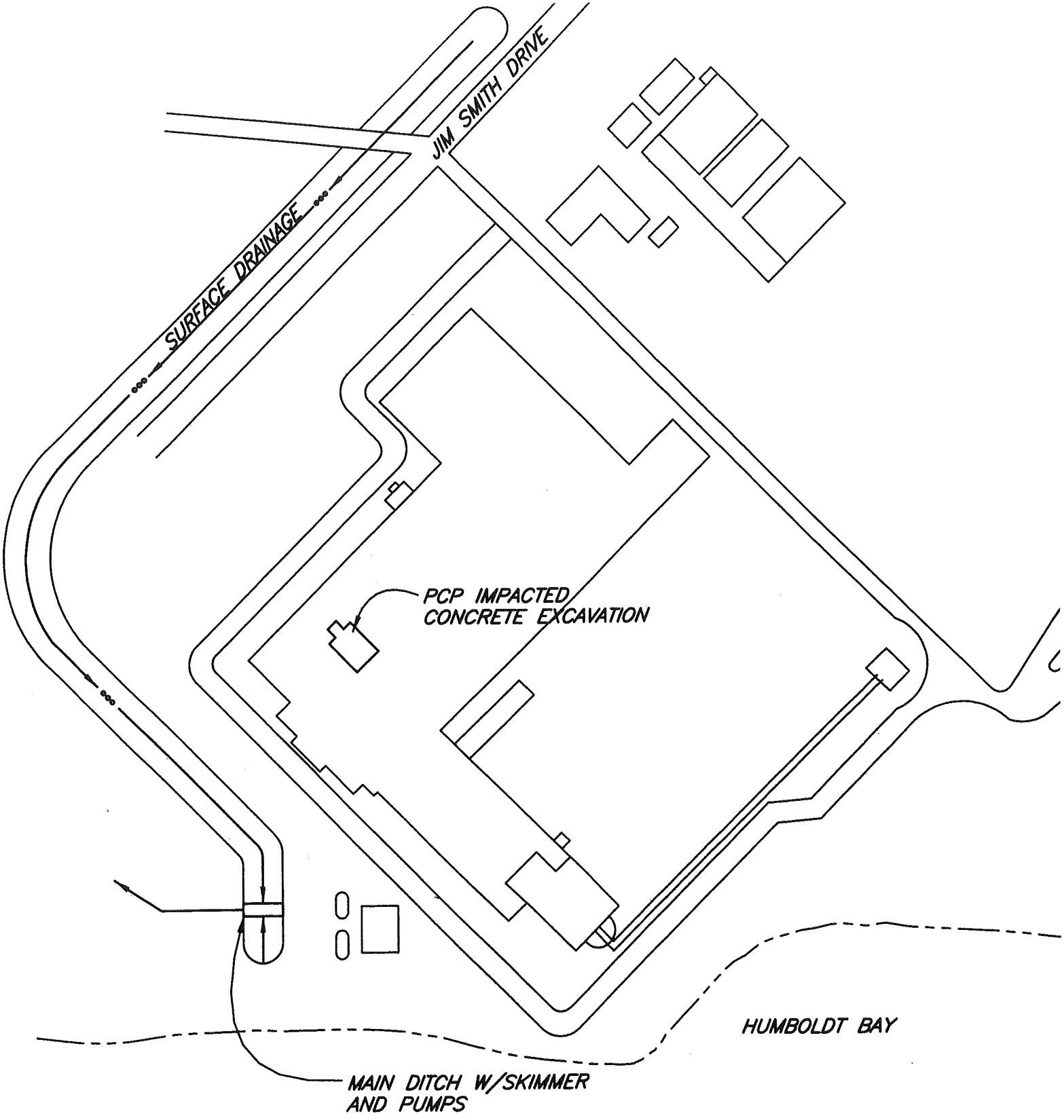
Dear Ms. Ashley:

Simpson Samoa Corporation (SSC) has conducted interim remedial action to address pentachlorophenol (PCP) contamination that resulted from the application of PCP to lumber as a wood preservative. The PCP was applied using a spray application system. As a result of the spray application process, PCP dripped onto the concrete floor, causing portions of the concrete floor to become stained with PCP. A site map showing the location of the former wood treatment area is presented as Figure 1. It appears that PCP also migrated to soils beneath the concrete floor through seams and cracks in the concrete. In May 2000, approximately 40 cubic yards of PCP stained concrete was broken up and stockpiled on site. During the week of March 12, 2001, the PCP-stained concrete was transported to Chem Waste in Kettleman Hills, California for disposal. Chem Waste is a Class I landfill. Waste Disposal Manifests for the disposal of this material are presented in Attachment "A."

Once the concrete flooring was removed, soil samples were collected from the exposed soil beneath the concrete. Analytical results of the soil samples indicated the presence of PCP in the soil (Table 1). Soil sample locations within the exposed area are shown on Figure 2.

TABLE 1
NEAR SURFACE SOIL ANALYTICAL RESULTS
FORMER PCP WOOD TREATMENT AREA
SIMPSON SAMOA CORPORATION
SAMOA, CALIFORNIA

SAMPLE LOCATION	SAMPLE DATE	Pentachlorophenol (in ug/g)
Pit #1	09/01/00	8.0
Pit #2	09/01/00	2.2
Pit #3	09/01/00	<0.1
Pit #4	09/01/00	1.1
S-1 36"	09/26/00	4.6
S-2 24"	09/26/00	<0.1
S-2 36"	09/26/00	<0.1
S-3 24"	09/26/00	0.26
S-3 36"	09/26/00	<0.1



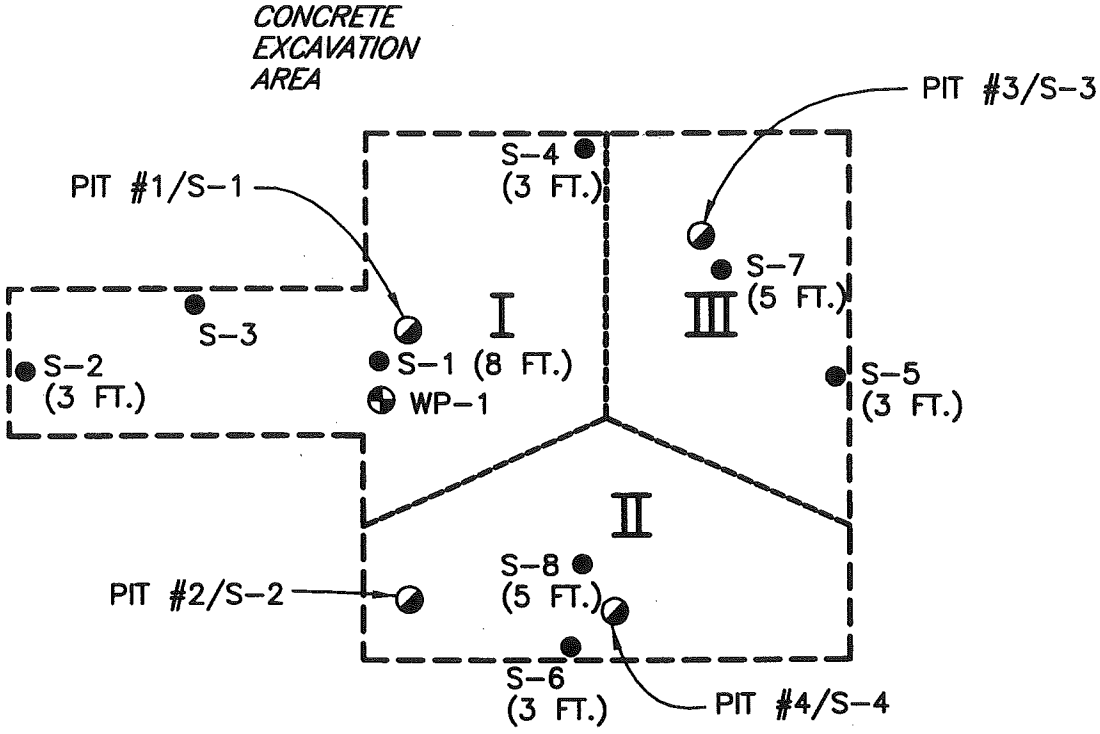
SIMPSON SAMOA CORPORATION
SAMOA, CALIFORNIA

SITE PLAN

NO SCALE

099136_SMILL_SI1.DWG

SHN 099136
MARCH, 2001
FIGURE 1



EXPLANATION

CONCRETE EXCAVATION AREA LIMITS

II — EXCAVATION SUB-AREA AND DESIGNATION

PIT #1/S-1 — SOIL SAMPLING LOCATION AND DESIGNATION, SEPTEMBER 2000

S-6 — EXCAVATION SAMPLE LOCATION AND DESIGNATION

WP-1 — WELL POINT LOCATION AND DESIGNATION

(3 FT.) SAMPLE DEPTH BELOW GROUND SURFACE, IN FEET

1"=10'±

SIMPSON SAMOA CORPORATION
SAMOA, CALIFORNIA

EXCAVATION SAMPLING POINTS

SHN 099136.600
MAY, 2001
FIGURE 2

099136.600-EXCAVATION-SAMPLING.DWG

Interim Remedial Action

As an interim remedial action for the site, PCP-impacted soil was excavated from the exposed area. Analytical results of soil samples collected from the concrete removal area indicated that PCP was present in the soil at varying depths.

Soil Excavation

As part of this interim remedial action, SHN supervised the excavation of approximately 120 cubic yards of soil from the exposed area. As presented in the Interim Remedial Action Plan, dated March 16, 2001, the excavation area was divided into three sub-areas, I, II and III.

Soil was excavated to a depth of approximately five feet below ground surface (BGS) in each area, however, Area I was excavated to a depth of approximately 10 feet BGS beneath former sample location Pit #1/S-1. This was the portion of the excavation pit where previous soil sample analytical results indicated the highest PCP concentration. Excavation was halted at 10 feet BGS due to the presence of groundwater.

Once soil excavation was complete, soil samples were collected from the sidewalls and floor of the excavation and submitted to an analytical laboratory for chemical analysis. Four soil samples (S-2, S-3, S-4, and S-5) were collected from the excavation sidewalls, and three soil samples (S-1, S-7, and S-8) were collected from the excavation floor. Each soil sample was analyzed for PCP/tetrachlorophenol (TCP) in general accordance with the Canadian Pulp Method, and total petroleum hydrocarbons as paint thinner (TPHPT) in general accordance with EPA Method No. 5035. TPHPT has been used in the past as the carrier for PCP, and may be present along with PCP.

A temporary well point was installed through an undisturbed soil bench excavated in the central portion of Area I for the collection of a groundwater sample. The groundwater sample was analyzed for PCP/TCP in general accordance with the Canadian Pulp Method and TPHPT in general accordance with EPA Method No. 5030

All soil and groundwater analysis was conducted by North Coast Laboratories, a State of California Certified analytical laboratory.

Upon completion of all excavation and sample collection activities, the area was secured, and the excavated soil was stockpiled on site. Four soil stockpile samples were collected and submitted to an analytical laboratory for chemical analysis. Each soil sample was analyzed for PCP/TCP in general accordance with the Canadian Pulp Method, and TPHPT in general accordance with EPA Method No. 5035.

Soil Excavation Results

Approximately 120 cubic yards of soil were excavated from the exposed area.
PCP, TCP, and TPHPT were not detected in any of the excavation sidewall and floor soil samples submitted for laboratory analysis.

PCP and TCP were detected in the groundwater sample collected from well point WP-1 at concentrations of 270 micrograms per liter (ug/L) and 67 ug/L, respectively. TPHPT was not detected in the groundwater sample collected from well point WP-1.

PCP was detected in soil stockpile sample SP-1 at a concentration of 3.9 micrograms per gram (ug/g). PCP was not detected in any other soil stockpile samples. TCP and TPHPT were not detected in any soil stockpile samples submitted for laboratory analysis. Soil stockpile sample SP-1 was collected from the soil excavated from the central portion of Area I, the area where the highest PCP concentrations were found in near surface soil samples during pre-excavation soil sampling.

Analytical results are summarized in Table 2. Laboratory analytical reports are presented in Attachment 2.

TABLE 2
EXCAVATION PIT SOIL AND GROUNDWATER ANALYTICAL RESULTS
FORMER PCP WOOD TREATMENT AREA
SIMPSON SAMOA CORPORATION, SAMOA, CALIFORNIA
(soil – ug/g, water – ug/L)

SAMPLE LOCATION	SAMPLE DATE	PCP[1]	TCP[2]	TPHPT[3]
Soil				
S-1	3/22/01	<1.0	<1.0	<1.0
S-2	3/22/01	<1.0	<1.0	<1.0
S-3	3/22/01	<1.0	<1.0	<1.0
S-4	3/22/01	<1.0	<1.0	<1.0
S-5	3/22/01	<1.0	<1.0	<1.0
S-6	3/22/01	<1.0	<1.0	<1.0
S-7	3/22/01	<1.0	<1.0	<1.0
S-8	3/22/01	<1.0	<1.0	<1.0
SP-1	3/22/01	**3.9**	<1.0	<1.0
SP-2	3/22/01	<1.0	<1.0	<1.0
SP-3	3/22/01	<1.0	<1.0	<1.0
SP-4	3/22/01	<1.0	<1.0	<1.0
Water				
W-1	3/22/01	**270**	**67**	<50

1) PCP - pentachlorophenol
2) TCP - tetrachlorophenol
3) TPHPT - total petroleum hydrocarbons as paint thinner

Conclusions and Recommendations

Based on the results of soil samples collected from the base and sidewalls of the excavated area, it appears that PCP/PCP-impacted soil has been successfully removed through excavation. However, it appears that groundwater has been impacted with PCP/TCP.

Based on this information, SHN recommends that the following actions be taken: 1) Properly dispose of the stockpiled soil, and 2) implement a groundwater monitoring program for the site, including the installation of four groundwater monitoring wells, and subsequent monitoring of each well for PCP/TCP on a quarterly basis for a period of one year.

Scope of Work

The scope of work is presented below and is designed to provide the information needed assess the extent of PCP/TCP-impacted groundwater at the site.

- Project implementation
- Proper disposal of PCP-impacted soil.
- Installation of four groundwater monitoring wells.
- Implementation of a groundwater monitoring program.

Project Implementation

In addition to providing this work plan, SHN will set up and coordinate all activities related to the project, including obtaining all necessary permits, corresponding with the regulatory agency, and coordinating all subcontract services.

Soil Stockpile Disposal

Analytical results from soil samples collected from the soil stockpile indicate that approximately 30 cubic yards of the soil stockpile contain low levels of PCP. Based on this information, it is recommended that the 30 cubic yards of PCP-impacted soil be transported off site to a facility authorized to accept such material. The remaining approximate 90 cubic yards of soil would be placed back into the excavation as part of the backfill process. The stockpiled soil will be properly disposed of upon receipt of approval from the California Regional Water Quality Control Board, North Coast Region (RWQCB).

Groundwater Monitoring Program Implementation

Four soil borings will be drilled using a truck-mounted hollow stem auger rig. Soil samples will be collected from each boring. Upon completion of each soil boring, the boring will be converted into a groundwater monitoring well.

Soil Boring and Well Installation

Four borings (MW-1 through MW-4) are proposed to be drilled and sampled in the subject site area utilizing a truck-mounted hollow stem auger rig. The proposed soil boring locations are shown on Figure 3. Soil samples will be collected from each boring at approximate 5-foot intervals, changes in lithology, and above the water table for lithologic interpretation and possible chemical analysis. One soil sample from each boring will be submitted to a State of California certified analytical laboratory for chemical analysis. The soil samples will be analyzed for PCP/TCP using the analytical methods discussed in the Laboratory Analysis section.

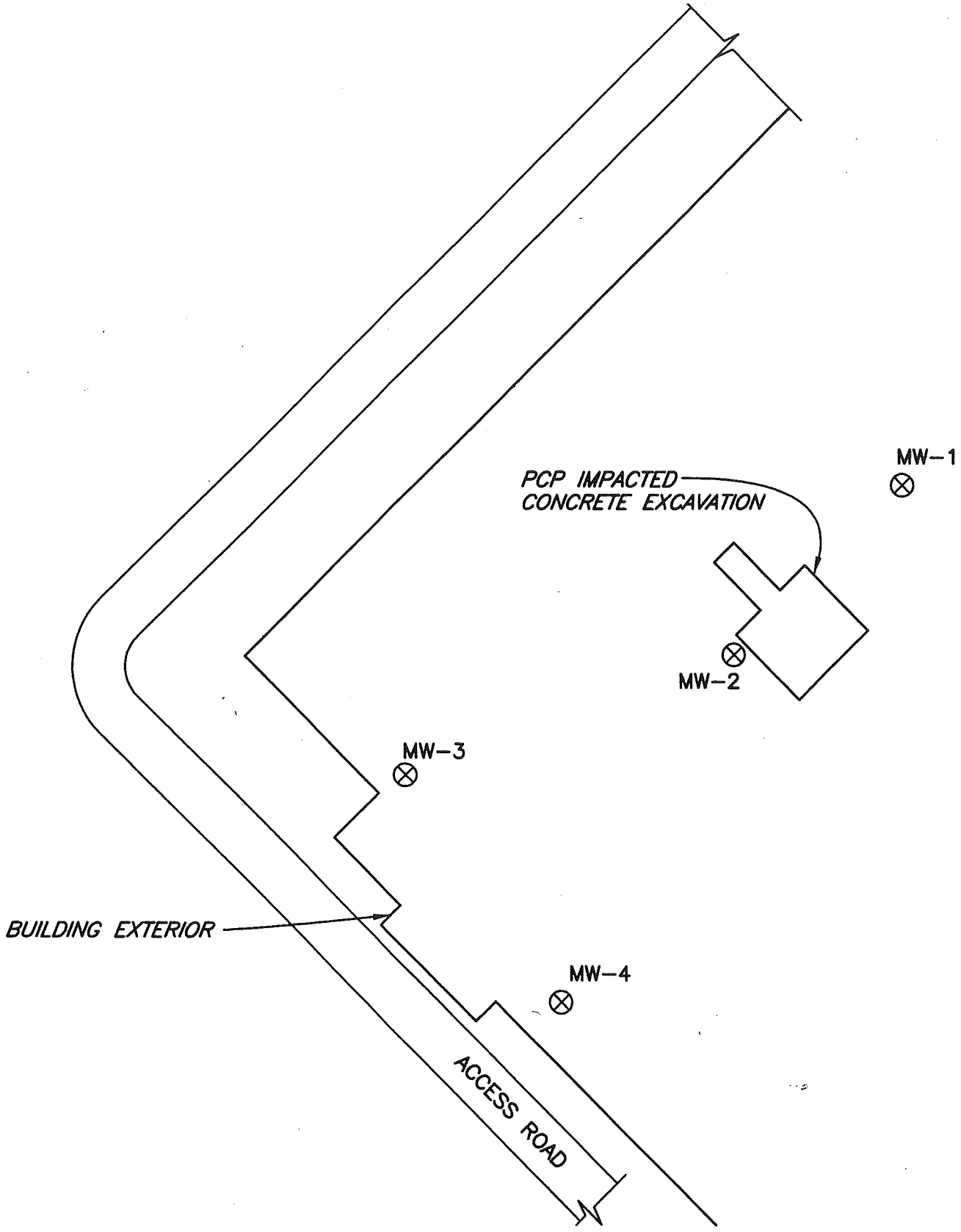
Each soil boring will be converted into a groundwater monitoring well. The monitoring wells will be used to assess the presence of PCP/TCP in groundwater in the vicinity of the former PCP application area. The proposed monitoring well locations are shown on Figure 3.

The monitoring wells will be constructed using 2-inch I.D., PVC casing and screen, with a proposed screen interval from 5 feet to 15 feet BGS. Schedule 40 PVC well screen with 0.010-inch well slots will be used with a 2/12 filter pack grain size. After installation, the monitoring wells will be developed using surge and purge techniques. Before well development, each monitoring well will be measured for depth to water and checked for the presence of floating product.

Each groundwater monitoring well will be surveyed for location and elevation under the direction of a California licensed surveyor. The groundwater monitoring well elevations will be referenced to Mean Sea Level (MSL), to the nearest 0.01 foot.

Groundwater Monitoring

After installation, SHN proposes to establish a quarterly groundwater monitoring program for the site. As part of the monitoring program, each well will be monitored for depth to water, and purged and sampled. Prior to purging, each well will be measured for depth to water. Electrical conductivity (EC), temperature, and pH will be measured during purging operations, using portable instrumentation. Each groundwater monitoring well will also be monitored for dissolved oxygen (DO), oxidation-reduction potential (ORP), and dissolved carbon dioxide (DCO_2). One groundwater sample will be collected from each well for laboratory analysis. The groundwater samples will be collected using disposable polyethylene bailers and transferred into laboratory-supplied bottles. Water samples will be labeled, stored in an iced cooler, and transported to the laboratory under proper chain-of-custody



EXPLANATION

⊗ MW-4 PROPOSED MONITORING WELL LOCATION AND DESIGNATION

1"=40'

099136.600-PROPOSED-MWELL

SIMPSON SAMOA CORPORATION
SAMOA, CALIFORNIA

PROPOSED GROUNDWATER MONITORING WELL LOCATIONS

SHN 099136.600
MAY, 2001

FIGURE 3

documentation. Each groundwater sample will be analyzed for PCP/TCP using the method described in the Laboratory Analysis section. As previously stated, the groundwater sample collected from Monitoring well MW-1 will also be analyzed for dioxins and furans as requested by the RWQCB, and total petroleum hydrocarbons as diesel (TPHD) during the first quarterly monitoring event. TPHD may have been used as the carrier for the PCP/TCP.

Soil and Water Disposal

Soil generated during drilling will be temporarily stored on site, and properly disposed of based on soil analytical results.

Water used in the decontamination of tools, and all well development purge water will be contained in approved DOT 17 E/H, 55-gallon drums. The drums will be temporarily stored on site. The water will be transported to the SHN purge water storage facility for testing and disposal.

Equipment Decontamination Procedures

The well installation equipment will be steam-cleaned prior to bringing it on site. All drilling equipment will be cleaned between borings using a steam-cleaner. All small equipment that requires on-site cleaning will be cleaned using the following triple wash system. The equipment will first be washed in a water solution containing Liquinox cleaner, followed by a water rinse, then by a de-ionized water rinse. Soil and water samples will be collected in pre-cleaned containers supplied by the analytical laboratory.

Laboratory Analysis

Each soil and groundwater sample will be analyzed for PCP/TCP in general accordance with the Canadian Pulp Method. During the first quarterly event, the groundwater sample collected from monitoring well MW-1 will also be analyzed for dioxins and furans in accordance with EPA Method No. 8280, and TPHD in accordance with EPA Method No. 3510. All analysis will be conducted by North Coast Laboratories, Inc. (NCL), a State of California certified analytical laboratory.

REPORT PREPARATION AND FIELD PROGRAM IMPLEMENTATION

A well installation report of findings will be prepared for submittal to the RWQCB, discussing the results of all field activities. SHN will implement the field program upon receipt of approval from the RWQCB to proceed. Receipt of soil and water sample analytical results is expected approximately two weeks from time of submittal. A final report will be prepared for submittal to the RWQCB approximately three weeks after receipt of laboratory results. The estimated total time from approval to begin, to submittal of the well installation report is approximately six weeks.

Please do not hesitate to contact me at 707-441-8855 with any questions you may have.

Sincerely,

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.



Frans B. Lowman, R.G.
Project Manager

FBL:med

c: Rob Ricci, Simpson Samoa Corporation
Mr. David McEntee – Simpson Timber Company, 1301 5TH Avenue, Suite 2800
Seattle, Washington 98101-2613
Ms. Betsy Stauffer, Esq. – Simpson Timber Company, 1301 5TH Avenue, Suite 2800
Seattle, Washington 98101-2613
HCDEH

CONCRETE DISPOSAL MANIFESTS

ATTACHMENT A

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

CVRS
Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAT000624858	19674		

GENERATOR

3. Generator's Name and Mailing Address
SIMPSON TIMBER CO
1 SMITH AVENUE
SAMOA CA 95550
4. Generator's Phone (707) 441-8855

A. State Manifest Document Number: 20719674
B. State Generator's ID: HY 40360346241

5. Transporter 1 Company Name
Allwaste Transportation and Remediation Inc
6. US EPA ID Number: CAD064354944
C. State Transporter's ID (Reserved.)
D. Transporter's Phone: 800-521-1030

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID (Reserved.)
F. Transporter's Phone

9. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
35251 OLD SKYLINE ROAD
KETTLEMAN CITY CA 93239
10. US EPA ID Number: CAT000646117
G. State Facility's ID
H. Facility's Phone: (559)386-9711

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON RCRA HAZARDOUS WASTE SOLID, (CONCRETE CONTAMINATED WITH PENTACHLOROPHENOL)	001	DT	018	Y	State 352 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
a. 382753

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: ROB RICCI | Signature | Month 03 Day 13 Year 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bruce Gilbert | Signature | Month 03 Day 13 Year 01

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DTSC 8022A (1/99)
EPA 8700—22

Yellow: GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

CVRS
Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAT000612458 | Manifest Document No.: 19671 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: **20719671**

3. Generator's Name and Mailing Address
SIMPSON TIMBER CO
1 SMITH AVENUE
SAMOA CA 95550

4. Generator's Phone (707) 441-8855

B. State Generator's ID: HMH 13610131462814

5. Transporter 1 Company Name: All Waste Transportation & Remediation, INC
6. US EPA ID Number: CAL206354779?6

C. State Transporter's ID (Reserved.)

D. Transporter's Phone: 408-623-1447

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID (Reserved.)

F. Transporter's Phone

9. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
35251 OLD SKYLINE ROAD
KETTLEMAN CITY CA 93239
10. US EPA ID Number: CAT000646117

G. State Facility's ID

H. Facility's Phone: (559)386-9711

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON RCRA HAZARDOUS WASTE SOLID, (CONCRETE CONTAMINATED WITH PENTACHLOROPHENOL)	2121	DT	00018	Y	State 352 / EPA/Other None
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
a. EB2753

K. Handling Codes for Wastes Listed Above
6. b. c. d.

15. Special Handling Instructions and Additional Information
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Printed/Typed Name: ROB RICCI | Signature | Month 06 Day 13 Year 01

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: David L. Malcum | Signature | Month 06 Day 13 Year 01

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DTSC 8022A (1/99)
EPA 8700—22

Yellow: GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

CVRS
Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAT000624858 Manifest Document No. 16712
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address
SIMPSON TIMBER CO
1 SMITH AVENUE
SAMOA CA 95530
4. Generator's Phone (707) 441-8855

A. State Manifest Document Number 20719672
B. State Generator's ID HYH036034624
C. State Transporter's ID [Reserved.]
D. Transporter's Phone 800-321-1030

5. Transporter 1 Company Name
ALLWASTE Transportation & Remediation, Inc.
6. US EPA ID Number CAD041635797

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID [Reserved.]
F. Transporter's Phone

9. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
35251 OLD SKYLINE ROAD
KETTLEMAN CITY CA 93239
10. US EPA ID Number CAT000646117
G. State Facility's ID
H. Facility's Phone (559)386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON RCRA HAZARDOUS WASTE SOLID, (CONCRETE CONTAMINATED WITH PENTACHLOROPHENOL)	001	DT	00018	Y	State 352 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
a. EB2753

K. Handling Codes for Wastes Listed Above
d. b.
c. d.

15. Special Handling Instructions and Additional Information
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
ROB RICCI		03	13	01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Manny Alvarez		03	13	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month	Day	Year

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

Yellow: GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

CVRS
Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAT000624858 Manifest Document No. 19673 2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
SIMPSON TIMBER CO
1 SMITH AVENUE
SAMOA CA 95550
4. Generator's Phone (707) 441-8855

A. State Manifest Document Number 20719673
B. State Generator's ID HYH0361346241
C. State Transporter's ID (Reserved.)
D. Transporter's Phone (408) 683-0447
E. State Transporter's ID (Reserved.)
F. Transporter's Phone

5. Transporter 1 Company Name: All Waste Transportation + Remediation Inc
6. US EPA ID Number: CAD041635479196
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
35251 OLD SKYLINE ROAD
KETTLEMAN CITY CA 93239
10. US EPA ID Number: CAT000646117
G. State Facility's ID
H. Facility's Phone (559)386-9711

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON RCRA HAZARDOUS WASTE SOLID, (CONCRETE CONTAMINATED WITH PENTACHLOROPHENOL)	001	FD	00016	Y	State 352 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
a. EB2753

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
ROBRICH		03	15	01

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
David F Katen		03	13	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

CA 1300 13

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

Yellow: GENERATOR RETAINS

LABORATORY ANALYTICAL REPORTS

ATTACHMENT B

NORTH COAST LABORATORIES LTD.

April 10, 2001

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Order No.: 0103698
Invoice No.: 14690
PO No.:

Attn: Frans Lowman

RE: 099136.600, Simpson Penta

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	S-1
01B	S-1
02A	S-2
02B	S-2
03A	S-3
03B	S-3
04A	S-4
04B	S-4
05A	S-5
05B	S-5
06A	S-6
06B	S-6
07A	S-7
07B	S-7
08A	S-8
08B	S-8
09A	W-1
09B	W-1
10A	SP-1
10B	SP-1
11A	SP-2
11B	SP-2
12A	SP-3
12B	SP-3
13A	SP-4
13B	SP-4

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s) | QA Officer | Jesse G. Chaney, Jr., Laboratory Director

5680 West End Road • Arcata California 95521-9202 • 707-822-4649 • FAX 707-822-6831

Printed on Recycled Paper

North Coast Laboratories, Ltd. **Date:** *11-Apr-01*

CLIENT: SHN Consulting Engineers and Geologists
Project: 099136.600, Simpson Penta
Lab Order: 0103698

CASE NARRATIVE

PCP/TCP::
The positive Pentachlorophenol result for sample SP-1 was confirmed on second column. Suggest GC-MS.

The positive Pentachlorophenol and Tetrachlorophenol results for sample W-1 were confirmed on second column. Suggest GC-MS.

NORTH COAST LABORATORIES
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Printed on Recycled Paper

Date: 10-Apr-01
WorkOrder: 0103698

ANALYTICAL REPORT

Client Sample ID: S-1 **Received:** 3/23/01 **Collected:** 3/22/01 0:00
Lab ID: 0103698-01A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/3/01
Pentachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/3/01
Surrogate: Dibromophenol	78.8	45-125	% Rec	1.0	3/30/01	4/3/01

Client Sample ID: S-1 **Received:** 3/23/01 **Collected:** 3/22/01 0:00
Lab ID: 0103698-01B

Test Name: TPH-Paint Thinner **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Paint Thinner	ND	1.0	µg/g	1.0	3/28/01	3/31/01

Client Sample ID: S-2 **Received:** 3/23/01 **Collected:** 3/22/01 0:00
Lab ID: 0103698-02A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/3/01
Pentachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/3/01
Surrogate: Dibromophenol	81.0	45-125	% Rec	1.0	3/30/01	4/3/01

Client Sample ID: S-2 **Received:** 3/23/01 **Collected:** 3/22/01 0:00
Lab ID: 0103698-02B

Test Name: TPH-Paint Thinner **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Paint Thinner	ND	1.0	µg/g	1.0	3/28/01	3/31/01

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Date: 10-Apr-01
WorkOrder: 0103698

ANALYTICAL REPORT

Client Sample ID: S-3 **Received:** 3/23/01 **Collected:** 3/22/01 0:00
Lab ID: 0103698-03A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/3/01
Pentachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/3/01
Surrogate: Dibromophenol	78.8	45-125	% Rec	1.0	3/30/01	4/3/01

Client Sample ID: S-3 **Received:** 3/23/01 **Collected:** 3/22/01 0:00
Lab ID: 0103698-03B

Test Name: TPH-Paint Thinner **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Paint Thinner	ND	1.0	µg/g	1.0	3/28/01	3/31/01

Client Sample ID: S-4 **Received:** 3/23/01 **Collected:** 3/22/01 0:00
Lab ID: 0103698-04A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/3/01
Pentachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/3/01
Surrogate: Dibromophenol	77.1	45-125	% Rec	1.0	3/30/01	4/3/01

Client Sample ID: S-4 **Received:** 3/23/01 **Collected:** 3/22/01 0:00
Lab ID: 0103698-04B

Test Name: TPH-Paint Thinner **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Paint Thinner	ND	1.0	µg/g	1.0	3/28/01	3/31/01

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Printed on Recycled Paper

Date: 10-Apr-01
WorkOrder: 0103698

ANALYTICAL REPORT

Client Sample ID: S-5 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-05A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/3/01
Pentachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/3/01
Surrogate: Dibromophenol	79.9	45-125	% Rec	1.0	3/30/01	4/3/01

Client Sample ID: S-5 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-05B

Test Name: TPH-Paint Thinner **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Paint Thinner	ND	1.0	µg/g	1.0	3/28/01	3/31/01

Client Sample ID: S-6 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-06A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Pentachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Surrogate: Dibromophenol	79.1	45-125	% Rec	1.0	3/30/01	4/4/01

Client Sample ID: S-6 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-06B

Test Name: TPH-Paint Thinner **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Paint Thinner	ND	1.0	µg/g	1.0	3/28/01	3/31/01

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Printed on Recycled Paper

Date: 10-Apr-01
WorkOrder: 0103698

ANALYTICAL REPORT

Client Sample ID: S-7 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-07A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Pentachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Surrogate: Dibromophenol	77.4	45-125	% Rec	1.0	3/30/01	4/4/01

Client Sample ID: S-7 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-07B

Test Name: TPH-Paint Thinner **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Paint Thinner	ND	1.0	µg/g	1.0	3/28/01	3/31/01

Client Sample ID: S-8 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-08A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Pentachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Surrogate: Dibromophenol	77.7	45-125	% Rec	1.0	3/30/01	4/4/01

Client Sample ID: S-8 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-08B

Test Name: TPH-Paint Thinner **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Paint Thinner	ND	1.0	µg/g	1.0	3/28/01	3/31/01

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Date: 10-Apr-01
WorkOrder: 0103698

ANALYTICAL REPORT

Client Sample ID: W-1 **Received:** 3/23/01 **Collected:** 3/22/01 0:00
Lab ID: 0103698-09A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	67	20	µg/L	20	3/29/01	4/5/01
Pentachlorophenol	270	60	µg/L	200	3/29/01	4/5/01
Surrogate: Dibromophenol	93.3	81-116	% Rec	1.0	3/29/01	3/30/01

Client Sample ID: W-1 **Received:** 3/23/01 **Collected:** 3/22/01 0:00
Lab ID: 0103698-09B

Test Name: TPH-Paint Thinner **Reference:** EPA 5030/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPH-Paint thinner	ND	50	µg/L	1.0		4/4/01

Client Sample ID: SP-1 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-10A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Pentachlorophenol	3.9	1.0	µg/g	1.0	3/30/01	4/4/01
Surrogate: Dibromophenol	76.4	45-125	% Rec	1.0	3/30/01	4/4/01

Client Sample ID: SP-1 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-10B

Test Name: TPH-Paint Thinner **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Paint Thinner	ND	1.0	µg/g	1.0	3/28/01	3/31/01

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Printed on Recycled Paper

Date: 10-Apr-01
WorkOrder: 0103698

ANALYTICAL REPORT

Client Sample ID: SP-2 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-11A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Pentachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Surrogate: Dibromophenol	80.0	45-125	% Rec	1.0	3/30/01	4/4/01

Client Sample ID: SP-2 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-11B

Test Name: TPH-Paint Thinner **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Paint Thinner	ND	1.0	µg/g	1.0	3/28/01	3/31/01

Client Sample ID: SP-3 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-12A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Pentachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Surrogate: Dibromophenol	80.7	45-125	% Rec	1.0	3/30/01	4/4/01

Client Sample ID: SP-3 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-12B

Test Name: TPH-Paint Thinner **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Paint Thinner	ND	1.0	µg/g	1.0	3/28/01	3/31/01

NORTH COAST LABORATORIES
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Date: 10-Apr-01
WorkOrder: 0103698

ANALYTICAL REPORT

Client Sample ID: SP-4 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-13A

Test Name: Penta, tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Pentachlorophenol	ND	1.0	µg/g	1.0	3/30/01	4/4/01
Surrogate: Dibromophenol	80.5	45-125	% Rec	1.0	3/30/01	4/4/01

Client Sample ID: SP-4 **Received:** 3/23/01 **Collected:** 3/23/01 0:00
Lab ID: 0103698-13B

Test Name: TPH-Paint Thinner **Reference:** EPA 5035/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Paint Thinner	ND	1.0	µg/g	1.0	3/28/01	3/31/01

NORTH COAST LABORATORIES
5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831
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North Coast Laboratories, Ltd.

Date: 10-Apr-01

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0103698
Project: 099136.600, Simpson Penta

QC SUMMARY REPORT

Method Blank

Sample ID **MB-3896** Batch ID: **3896** Test Code: **PCPTS** Units: **µg/g** Analysis Date **4/3/01 9:02:00 PM** Prep Date **3/30/01**
Client ID: Run ID: **ORGC4_010403A** SeqNo: **152181**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	ND	1.0									
Pentachlorophenol	ND	1.0									
Dibromophenol	4.09	1.0	5.00	0	81.9%	45	125	0			

Sample ID **MB-3886** Batch ID: **3886** Test Code: **PCPTW** Units: **µg/L** Analysis Date **3/30/01 6:15:08 PM** Prep Date **3/29/01**
Client ID: Run ID: **ORGC4_010330B** SeqNo: **152271**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	ND	1.0									J
Pentachlorophenol	ND	0.30									
Dibromophenol	4.61	0.10	5.00	0	92.2%	81	116	0			

Sample ID **MBLK-3879** Batch ID: **3879** Test Code: **TPHPTS** Units: **µg/g** Analysis Date **3/31/01 1:42:36 PM** Prep Date **3/28/01**
Client ID: Run ID: **ORGC8_010331A** SeqNo: **151598**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Paint Thinner	0.5046	1.0									J

Sample ID **MBLK** Batch ID: **R10242** Test Code: **TPHPTW** Units: **µg/L** Analysis Date **4/4/01 9:23:58 AM** Prep Date
Client ID: Run ID: **ORGC8_010404A** SeqNo: **152013**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Paint thinner	33.76	50									J

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 10-Apr-01

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0103698
Project: 099136.600, Simpson Penta

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID **LCS-3896** Batch ID: **3896** Test Code: **PCPTS** Units: **µg/g** Analysis Date **4/3/01 9:21:40 PM** Prep Date **3/30/01**
Client ID: Run ID: **ORGC4_010403A** SeqNo: **152182**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.252	1.0	5.00	0	85.0%	69	129	0			
Pentachlorophenol	4.117	1.0	5.00	0	82.3%	66	132	0			
Dibromophenol	4.01	1.0	5.00	0	80.2%	66	120	0			

Sample ID **LCSD-3896** Batch ID: **3896** Test Code: **PCPTS** Units: **µg/g** Analysis Date **4/3/01 9:41:19 PM** Prep Date **3/30/01**
Client ID: Run ID: **ORGC4_010403A** SeqNo: **152183**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.157	1.0	5.00	0	83.1%	69	129	4.25	2.24%	46	
Pentachlorophenol	4.057	1.0	5.00	0	81.1%	66	132	4.12	1.47%	47	
Dibromophenol	3.89	1.0	5.00	0	77.8%	66	120	4.01	3.01%	20	

Sample ID **LCS-3886** Batch ID: **3886** Test Code: **PCPTW** Units: **µg/L** Analysis Date **3/30/01 6:34:46 PM** Prep Date **3/29/01**
Client ID: Run ID: **ORGC4_010330B** SeqNo: **152272**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.778	1.0	5.00	0	95.6%	80	129	0			
Pentachlorophenol	1.663	0.30	1.50	0	111%	78	152	0			
Dibromophenol	4.59	0.10	5.00	0	91.8%	63	123	0			

Sample ID **LCSD-3886** Batch ID: **3886** Test Code: **PCPTW** Units: **µg/L** Analysis Date **3/30/01 6:54:38 PM** Prep Date **3/29/01**
Client ID: Run ID: **ORGC4_010330B** SeqNo: **152273**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.818	1.0	5.00	0	96.4%	80	129	4.78	0.837%	10	
Pentachlorophenol	1.832	0.30	1.50	0	122%	78	152	1.66	9.69%	10	
Dibromophenol	4.62	0.10	5.00	0	92.5%	63	123	4.59	0.765%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0103698
Project: 099136.600, Simpson Penta

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID **LCS-3879** Batch ID: **3879** Test Code: **TPHPTS** Units: **µg/g** Analysis Date **3/31/01 9:37:31 AM** Prep Date **3/28/01**
Client ID: Run ID: **ORGC8_010331A** SeqNo: **151596**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Paint Thinner	9.753	1.0	10.0	0.505	92.5%	70	120	0			

Sample ID **LCSD-3879** Batch ID: **3879** Test Code: **TPHPTS** Units: **µg/g** Analysis Date **3/31/01 10:12:15 AM** Prep Date **3/28/01**
Client ID: Run ID: **ORGC8_010331A** SeqNo: **151597**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Paint Thinner	9.132	1.0	10.0	0.505	86.3%	70	120	9.75	6.57%	0	

Sample ID **LCS** Batch ID: **R10242** Test Code: **TPHPTW** Units: **µg/L** Analysis Date **4/4/01 7:42:28 AM** Prep Date
Client ID: Run ID: **ORGC8_010404A** SeqNo: **152011**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Paint thinner	518.9	50	500	33.8	97.0%	70	120	0			

Sample ID **LCSD** Batch ID: **R10242** Test Code: **TPHPTW** Units: **µg/L** Analysis Date **4/4/01 8:16:17 AM** Prep Date
Client ID: Run ID: **ORGC8_010404A** SeqNo: **152012**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Paint thinner	509.8	50	500	33.8	95.2%	70	120	519	1.76%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata • CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

0103698

LABORATORY NUMBER:

Attention: Frans Lawman
Results & Invoice to: SHN
Address: 812 W. Wabash
Eureka, CA ~~95501~~ 95501
Phone: 707 441-8855
Copies of Report to:
Sampler (Sign & Print): [signature]

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☐ STD (2–3 Wk) ☐ Other:
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By:__/__/__
Final Report: FAX ☐ Verbal ☐ By:__/__/__

PROJECT INFORMATION
Project Number: 09913G.60C
Project Name: Simpson Ranch
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	CONTAINER	PRESERVATIVE	ANALYSIS: PCP/TCP	ANALYSIS: TPH as pentachlorophenate
	S-1	3/22/01		Soil	glass jar	Cool	1	1
	S-2	↓		↓	↓	↓	1	1
	S-3						1	1
	S-4						1	1
	S-5	3/23/01					1	1
	S-6	↓					1	1
	S-7						1	1
	S-8			↓			1	1
	W-1	3/22/01		Water			1	3

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

Cold, intact

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
[signature]	3/23/01 1700	[signature]	3/23/01 1700

SAMPLE DISPOSAL
☐ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus (Hand)

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata • CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

LABORATORY NUMBER: 0103698

Attention: Frans Lawman
Results & Invoice to: SHN
Address: 812 W. Wabash
Eureka, CA. 95501
Phone: 441-8855
Copies of Report to:
Sampler (Sign & Print): [signature]

PROJECT INFORMATION
Project Number: 09136.600
Project Name: Simpson - Punta
Purchase Order Number:

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☐ STD (2–3 Wk) ☐ Other:
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By:__/__/__
Final Report: FAX ☐ Verbal ☐ By:__/__/__

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	CONTAINER	PRESERVATIVE	ANALYSIS: PCP/TCP	ANALYSIS: TPH as paint thinner
	SP-1	3/23/01		SOIL	2	Cool	X	X
	SP-2				2	Cool	X	X
	SP-3				2	Cool	X	X
	SP-4				2	Cool	X	X

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
[signature]	3/23/01, 17:00	[signature] Thompson	3/23/01 1700

SAMPLE DISPOSAL
☐ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

Simpson Timber Company Samoa

Simpson

Simpson Samoa Company
P.O. Box 1089
Arcata, California 95518
Telephone (707) 268-3042
Facsimile (707) 268-3010

RWQCB
REGION 1
FEB - 5 2001
☐ LAM ☐ CRJ ☐
☐ RLT ☒ SAW ☐ KAD
☐ FCR ☐ RSG ☐
KA 3/8/01

January 31, 2001

BY FACSIMILE AND U.S. MAIL

Ms. Kasey Ashley
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Dear Ms. Ashley:

We received your letter to Fred Jacobson dated December 27, 2000, and this letter responds to your requests for additional information about the Simpson Samoa Company ("Simpson") property in Samoa, California.

A. The PCP removal project.

Your letter requested a map showing the location of the PCP-contaminated concrete. Figure 1, enclosed, indicates the location of the PCP-impacted concrete within the planer building, prior to removal of the concrete. Figure 1 also indicates where the removed concrete "rubble" has been placed within the building. The concrete has not yet been disposed of.

You requested all sampling data generated in connection with PCP. All laboratory reports on PCP samples taken to date are enclosed, including the laboratory reports prepared for the wipe samples (reports dated July 26, 1999 and April 20, 2000), and a laboratory report for the soil samples taken after removal of the contaminated concrete (report dated September 26, 2000). We are enclosing a map (Figure 2) indicating the sampling locations for each of these samples, and a table which summarizes the results that correspond to each location.

You also requested "a brief outline of the PCP use at the facility." Simpson has never used PCP, or any similar chemical, at the property. Simpson acquired the property on June 30, 1998 from a subsidiary of Louisiana-Pacific Corporation ("L-P"). At the time of the purchase, Simpson was not aware that wood treatment chemicals, such as PCP, had been used in the planer building.

Simpson conducted the wipe samples upon learning that wood treatment chemicals had been used within the building when it was being operated as a sawmill. The analytical results indicated the existence of PCP in the wood flooring under the dispenser and in the woody debris under the planer. Simpson immediately removed and cleaned the PCP dispenser and removed the contaminated wood flooring material, woody debris and dispenser housing. The wood material and cleaning rinseate were disposed of, and the dispenser unit, which contained its own storage tank, was sold. Simpson representatives notified your agency and the County upon Simpson's discovery of PCP and we have kept you advised of all response actions to date.

Simpson does not have any additional information regarding PCP use at the planer building. We suggest that the Regional Board contact the former property owners if you need additional information about PCP use. (Simpson understands that the former owners of the property include L-P, Georgia-Pacific Corporation and Hammond Lumber). Simpson has not yet disposed of the concrete or the contaminated soil. Simpson is currently considering its options for disposal of the concrete rubble pile, and thereafter will begin the soil excavation and disposal process. As Rex Bones indicated in his November 3, 2000 letter to you, our plan is to excavate approximately 40 cubic yards of subsurface soils, backfill the excavation with clean soil and cap the excavation area with concrete. If you need a more detailed work plan from Simpson prior to this excavation activity, please let me know. We intend to provide you with any disposal documentation that is generated as a result of these activities.

B. Historical uses of the property.

Your letter also requested that we provide you with information about the history of operations at the Samoa property. Simpson can only speak to the limited operations that have occurred during its ownership since it has no specific knowledge about operations occurring under prior ownerships. Since July 1, 1998, Simpson Timber Company has leased a portion of the southern end of the property from Simpson Samoa Company and has operated a wood drying operation. The rest of the 270-acre property has not been put to any use. Simpson has obtained permits from the Harbor District and Coastal Commission to dismantle portions of the existing improvements on the property. Certain dismantling activities have already occurred, and others will begin after an asbestos removal project, set to proceed this spring, has concluded. Simpson and the County's Community Development Services agency are conducting a joint study aimed at developing new productive uses for the property. Further, as you are aware, Simpson has been working on investigating and remediating the conditions caused by the underground storage tank and aboveground fueling station at the property. We are happy to provide you with additional information about any of these projects if you are interested.

Simpson does not wish to speculate about the operations that occurred at the property prior to its ownership, and such speculation would not be productive. However, we could arrange to walk through the property and discuss what we do know of the probable historical uses, and can ask Rex Bones, who formerly worked for L-P's Samoa operations, to accompany us. Please let me know if such a meeting would be helpful to you and when you would be available. In the meantime, a site map which labels some of the buildings and indicates their past or present uses is enclosed (Figure 3). If the Regional Board determines that additional information about actual historic uses is needed, we recommend contacting the prior owners listed above.

Frans Lowman of SHN will be consulting Simpson on the PCP issue listed above.

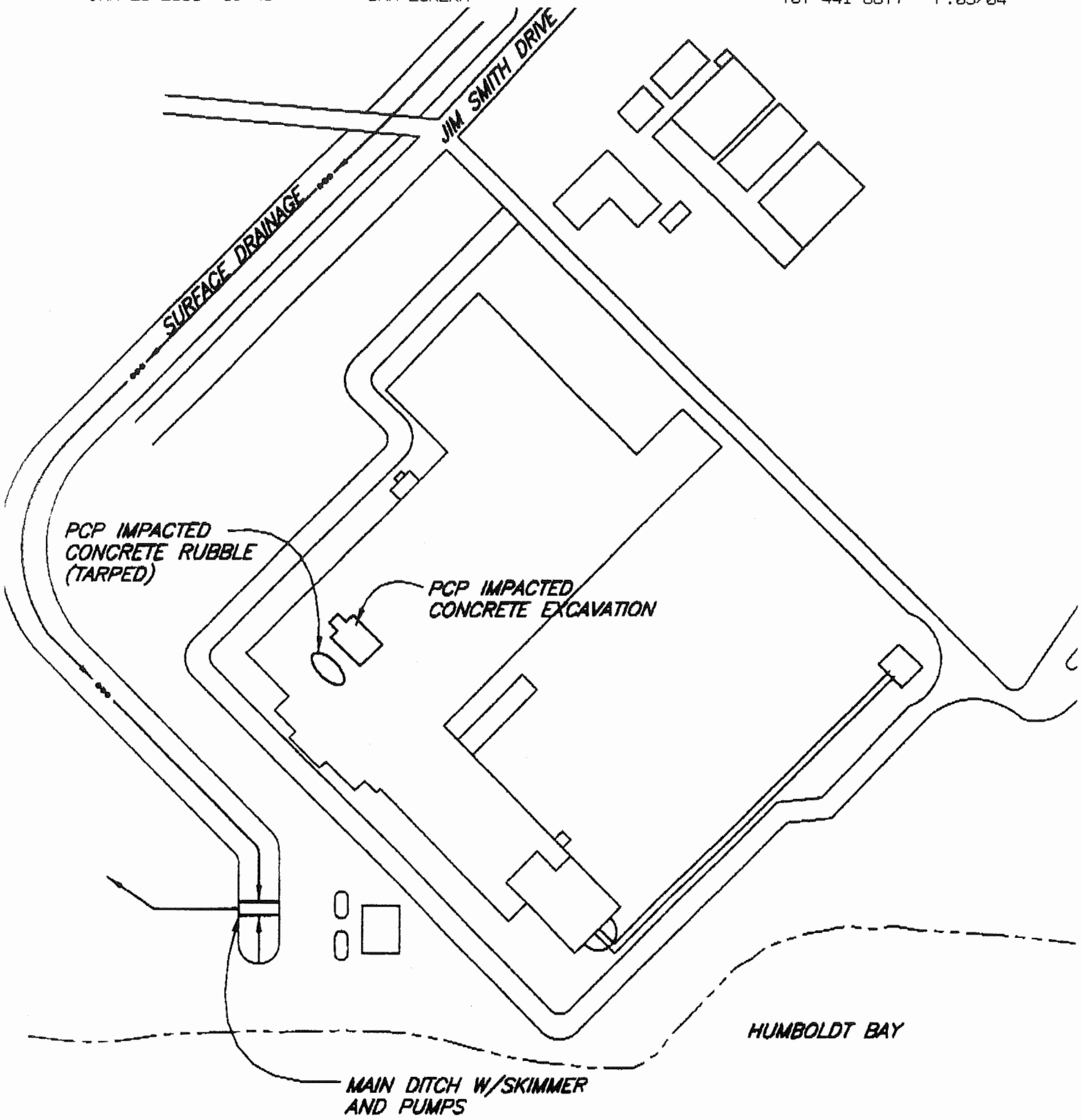
Yours truly,

Rob Ricci

Enclosures

cc: Humboldt County Department of Environmental Health

J. Brown
D. McEntee



SIMPSON SAMOA CORPORATION
SAMOA, CALIFORNIA

ENLARGED PLAN
SAMOA PLANING MILL

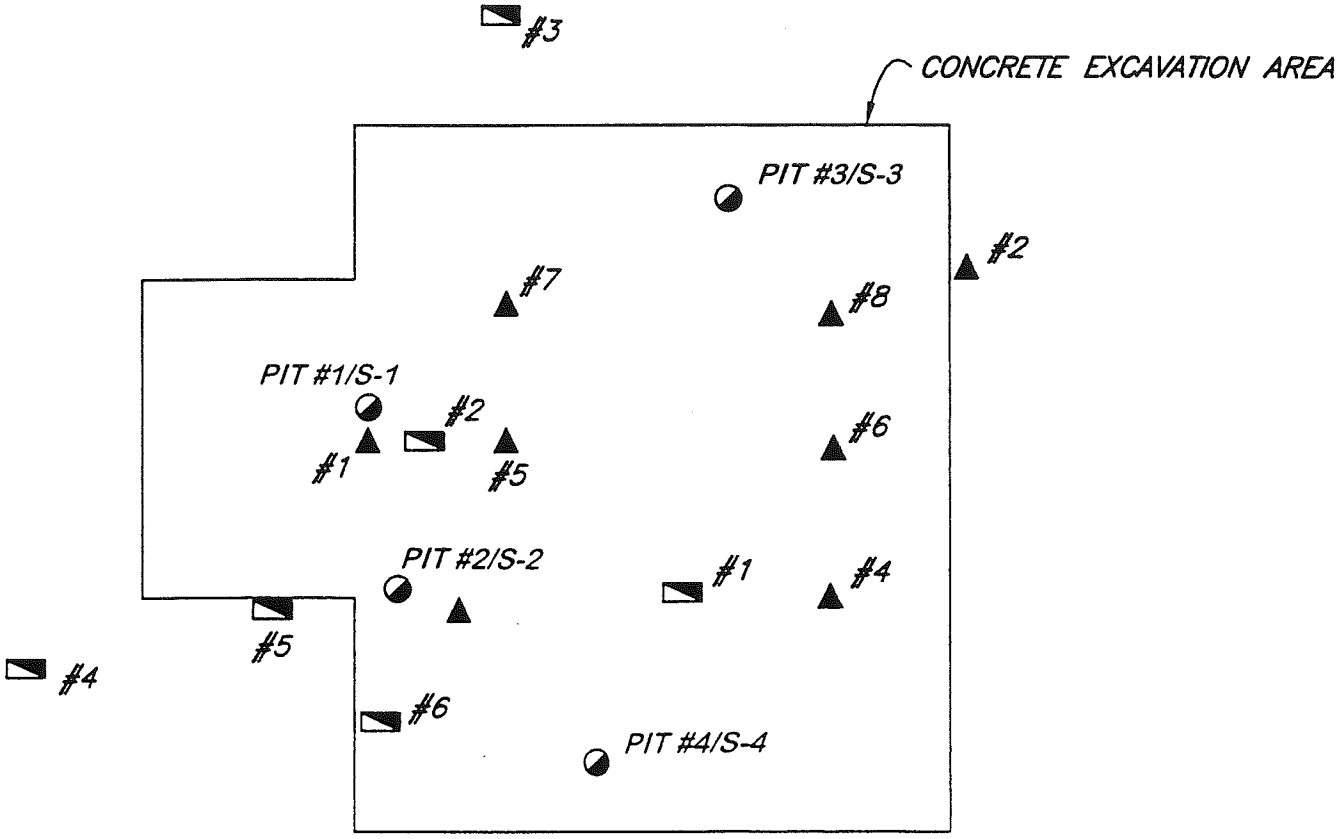
NO SCALE

SHN 099136
JANUARY, 2001

099136_SMILL_SI1.DWG

SHN

FIGURE 1



CONTRACTOR'S YARD

PIT #1/S-1 — SOIL SAMPLING LOCATION AND DESIGNATION

#5 — CONCRETE WIPE SAMPLING LOCATION AND DESIGNATION (04/20/00)

#3 — CONCRETE WIPE SAMPLING LOCATION AND DESIGNATION (07/26/99)

N

NO SCALE

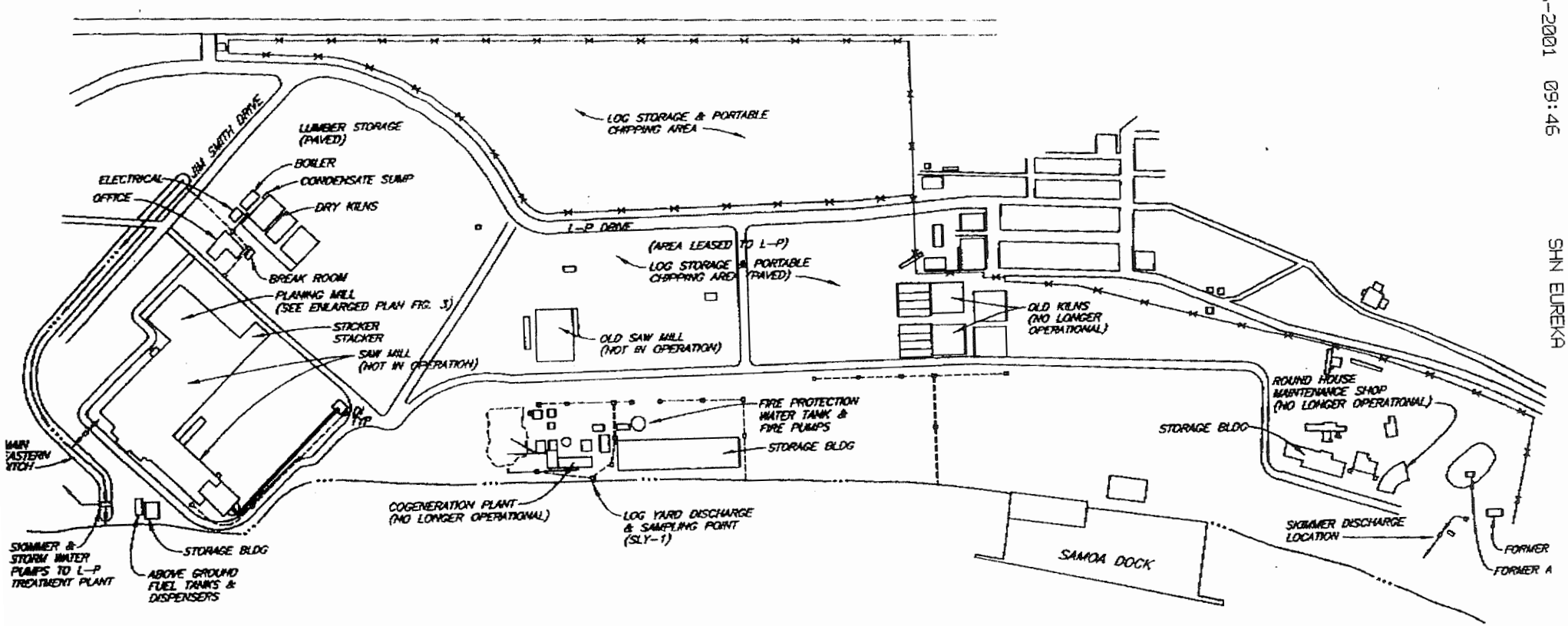
099136_SCSAMP.DWG

SIMPSON SAMOA CORPORATION
SAMOA, CALIFORNIA

SOIL/CONCRETE SAMPLING LOCATIONS

SHN 099136
JANUARY, 2001

FIGURE 8



HUMBOLDT BAY

NO SCALE

SIMPSON SAMOA CORPORAT
SAMOA, CALIFOR

SITE M
SAMOA PLANING M

SHN 099
JANUARY, 2
FIGUR

Fig 3

TABLE 1

SOIL AND CONCRETE FOUNDATION WIPE ANALYTICAL RESULTS
SIMPSON SAMOA CORPORATION
SAMOA, CALIFORNIA

SAMPLE ID[1]	SAMPLE TYPE	SAMPLE DATE	Pentachlorophenol[2] (in ug/wipe)
Sorter 1 #1	Concrete wipe	07/26/99	0.0098
Sorter 2 #2	Concrete wipe	07/26/99	1.4
Sorter Floor #3	Concrete wipe	07/26/99	3.6
Sorter Floor #4	Concrete wipe	07/26/99	0.089
Sorter Floor #5	Concrete wipe	07/26/99	0.12
Sorter Floor #6	Concrete wipe	07/26/99	0.31
Sorter Floor #7	Concrete wipe	07/26/99	0.052
Sorter Floor #8	Concrete wipe	07/26/99	1.1
Location #1	Concrete wipe	04/20/00	67
Location #2	Concrete wipe	04/20/00	42
Location #3	Concrete wipe	04/20/00	82
Location #4	Concrete wipe	04/20/00	0.65
Location #5	Concrete wipe	04/20/00	4.1
Location #6	Concrete wipe	04/20/00	20
Pit #1	Soil	09/01/00	8.0
Pit #2	Soil	09/01/00	2.2
Pit #3	Soil	09/01/00	<0.1
Pit #4	Soil	09/01/00	1.1
S-1 36"	Soil	09/26/00	4.6
S-2 24"	Soil	09/26/00	<0.1
S-2 36"	Soil	09/26/00	<0.1
S-3 24"	Soil	09/26/00	0.26
S-3 36"	Soil	09/26/00	<0.1

Notes:

1. Random sample locations were chosen in order to collect representative samples from the stained concrete.
2. Concrete wipe sample units are expressed in micrograms per wipe pad. Soil results are in ug/g.

... is being provided by SSC. Please do not

Alpha Analytical Laboratories Inc. 860 Waugh Lane, H-1, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Northcoast Environmental Construction, Inc.
P O Box 5898
Eureka, CA 95502
Attn: Jim Crook

Date Printed
09/13/00
Project No:
Project Id: Simpson Samoa, Reman Floor

Order Number	Receipt Date/Time	Client	Client P.O.	Send Via
A00090705	09/07/00 10:05AM	NORENV		MAIL

Order A00090705 consisted of 4 Samples and 8 Tests.

	METHOD	EXTRACTED	TEST DATE	RESULT	UNITS	PQL
Sample 1 Pit #1						
Sample Type: Soil	Sampled By: Jim Crook			Sampled: 09/01/00 11:00		
Phenols	CANPULP	09/08/00	09/13/00			
2,4,6-Trichlorophenol				ND	mg/kg	.10
2,3,5,6-Tetrachlorophenol				ND	mg/kg	.10
2,3,4,6-Tetrachlorophenol				5.4	mg/kg	.10
2,3,4,5-Tetrachlorophenol				ND	mg/kg	.10
Pentachlorophenol				8.0	mg/kg	.10
Sample 2 Pit #2						
Sample Type: Soil	Sampled By: Jim Crook			Sampled: 09/01/00 11:00		
Phenols	CANPULP	09/08/00	09/12/00			
2,4,6-Trichlorophenol				ND	mg/kg	.10
2,3,5,6-Tetrachlorophenol				ND	mg/kg	.10
2,3,4,6-Tetrachlorophenol				.24	mg/kg	.10
2,3,4,5-Tetrachlorophenol				ND	mg/kg	.10
Pentachlorophenol				2.2	mg/kg	.10
Sample 3 Pit #3						
Sample Type: Soil	Sampled By: Jim Crook			Sampled: 09/01/00 11:00		
Phenols	CANPULP	09/08/00	09/12/00			
2,4,6-Trichlorophenol				ND	mg/kg	.10
2,3,5,6-Tetrachlorophenol				ND	mg/kg	.10
2,3,4,6-Tetrachlorophenol				ND	mg/kg	.10
2,3,4,5-Tetrachlorophenol				ND	mg/kg	.10
Pentachlorophenol				ND	mg/kg	.10

PQL = Practical Quantitation Limit ND - None Detected

Bruce L. Gove
Laboratory Director

Date Printed: 09/13/00

Alpha Analytical Laboratories Inc. 860 Waugh Lane, H-1, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Northcoast Environmental Construction, Inc.
P O Box 5898
Eureka, CA 95502
Attn: Jim Crook

Date Printed
09/13/00
Project No:
Project Id: Simpson Samoa, Reman Floor

Order Number	Receipt Date/Time	Client	Client P.O.	Send Via
A00090705	09/07/00 10:05AM	NORENV		MAIL

	METHOD	EXTRACTED	TEST DATE	RESULT	UNITS	PQL

Order A00090705 consisted of 4 Samples and 8 Tests.

Sample 4 Pit #4
Sample Type: Soil Sampled By: Jim Crook Sampled: 09/01/00 11:00

Phenols	CANPULP	09/08/00	09/12/00			
2,4,6-Trichlorophenol				ND	mg/kg	.10
2,3,5,6-Tetrachlorophenol				ND	mg/kg	.10
2,3,4,6-Tetrachlorophenol				.50	mg/kg	.10
2,3,4,5-Tetrachlorophenol				ND	mg/kg	.10
Pentachlorophenol				1.1	mg/kg	.10

PQL = Practical Quantitation Limit ND - None Detected

Bruce L. Gove
Laboratory Director

Date Printed: 09/13/00

Alpha Analytical Laboratories Inc.
860 Waugh Lane, H-1, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

Order Number: A00090705
September 13, 2000

Sample Notes:

Bruce L. Gove
Laboratory Director

Date Printed: 09/13/00

WORK ORDER
CHAIN OF CUSTODY RECORD

9/13

Alpha Analytical Laboratories Inc. • 860 Waugh Lane, H-1, Ukiah, CA 95482 • (707) 468-0401 • FAX (707) 468-5267

DATE 9-5-00 PAGE 1 OF 1

CLIENT'S NAME: NORTHCOAST ENV. CONST. INC	PROJECT MANAGER: Jim Crook
STREET ADDRESS: 5785 Humb. Hill CITY: Eureka STATE: CA. ZIP: 95503	PHONE NUMBER: 707-442-2032
PROJECT NAME: Simpson Samoa, Roman Floor	FAX NUMBER: 707-269-0891
CONTRACT/PURCHASE ORDER/QUOTE NUMBER	SITE CONTACT: Jim Crook
SIGNATURE OF PERSON AUTHORIZING WORK UNDER TERMS STATED ON REVERSE SIDE OF THIS FORM.	SAMPLED BY: Jim Crook

ANALYSES

TCP-TCP-Cam Pulp

SAMPLE CONDITION ON RECEIPT:

COLD/ICED? YES

BUBBLES OR AIR SPACE? YES all

WERE SAMPLES PRESERVED? _____

SAMPLE NUMBER/IDENTIFICATION	DATE	TIME	LAB SAMPLE NUMBER	SAMPLE TYPE: LIQ	AIR	SOLID	COMP	GRAB	NO. OF CONTS.		EXPLAIN IRREGULARITIES BELOW
Pit # 1	9-1-00	11 AM	A00-0907-5-1			✓			2	✓	@ 24" Deep
" 2	9-1-00	11 AM	-2				✓		2	✓	
" 3	9-1-00	11 AM	-3				✓		2	✓	
" 4	9-1-00	11 AM	-4				✓		2	✓	

RELINQUISHED BY: (SIGNATURE)	RECEIVED BY: (SIGNATURE) Lisa Johnson	DATE 9/7/00	TIME 1005
RELINQUISHED BY: (SIGNATURE)	RECEIVED BY: (SIGNATURE)	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	RECEIVED FOR LABORATORY BY:	SAMPLE CONTROL OFFICER	
METHOD OF SHIPMENT: UPS	AUTHORIZED BY:		

TURN AROUND TIME REQUESTED

5-Day

SPECIAL INSTRUCTIONS

DRIVING TIME | SITE TIME | TOTAL TIME

SAMPLE DESPOSITION:

1. STORAGE TIME REQUESTED _____ DAYS
(SAMPLES WILL BE STORED FOR 30 DAYS WITHOUT ADDITIONAL CHARGES: THEREAFTER STORAGE CHARGES WILL BE BILLED AT THE PUBLISHED RATES.)
2. SAMPLE TO BE RETURNED TO CLIENT? ☐ YES ☐ NO

HAZARDOUS MATERIALS ARE THE PROPERTY OF THE CLIENT. THE CLIENT IS RESPONSIBLE FOR PROPER DISPOSAL OF HAZARDOUS WASTES. CLIENTS NOT PICKING UP HAZARDOUS WASTES MAY BE ASSESSED AN APPROPRIATE FEE.

Alpha Analytical Laboratories Inc. 860 Waugh Lane, H-1, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Northcoast Environmental Construction, Inc.
P O Box 5898
Eureka, CA 95502
Attn: Jim Crook

Date Printed
04/21/00

Project No:
Project Id: Simpson Samoa, Sawmill

Swipe TEST

Order Number	Receipt Date/Time	Client	Client P.O.	Send Via
A00041403	04/14/00 10:25AM	NORENV		MAIL

	METHOD	EXTRACTED	TEST DATE	RESULT	UNITS	PQL

Order A00041403 consisted of 6 Samples and 6 Tests.

Sample 1 Location #1 — See Notes for this Sample at the end of Report.
Sample Type: Wipe — Sampled By: Jim Crook — Sampled: 04/12/00 11:00

Phenols		04/17/00	04/20/00			
2,3,5,6-Tetrachlorophenol				ND	ug/wipe	.50
2,3,4,6-Tetrachlorophenol				34	ug/wipe	.10
2,3,4,5-Tetrachlorophenol				ND	ug/wipe	.10
Pentachlorophenol				67	ug/wipe	.10

Sample 2 Location #2 — See Notes for this Sample at the end of Report.
Sample Type: Wipe — Sampled By: Jim Crook — Sampled: 04/12/00 11:00

Phenols		04/17/00	04/20/00			
2,3,5,6-Tetrachlorophenol				ND	ug/wipe	.50
2,3,4,6-Tetrachlorophenol				18	ug/wipe	.10
2,3,4,5-Tetrachlorophenol				ND	ug/wipe	.10
Pentachlorophenol				42	ug/wipe	.10

Sample 3 Location #3 — See Notes for this Sample at the end of Report.
Sample Type: Wipe — Sampled By: Jim Crook — Sampled: 04/12/00 11:00

Phenols		04/17/00	04/20/00			
2,3,5,6-Tetrachlorophenol				ND	ug/wipe	.50
2,3,4,6-Tetrachlorophenol				39	ug/wipe	.10
2,3,4,5-Tetrachlorophenol				ND	ug/wipe	.10
Pentachlorophenol				82	ug/wipe	.10

Sample 4 Location #4
Sample Type: Wipe — Sampled By: Jim Crook — Sampled: 04/12/00 11:00

PQL = Practical Quantitation Limit ND - None Detected

Bruce L. Gove
Laboratory Director

Date Printed: 04/21/00

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CHEMICAL EXAMINATION REPORT

Northcoast Environmental Construction, Inc.
P O Box 5898
Eureka, CA 95502
Attn: Jim Crook

Date Printed
04/21/00
Project No:
Project Id: Simpson Samoa, Sawmill

Order Number	Receipt Date/Time	Client	Client P.O.	Send Via
A00041403	04/14/00 10:25AM	NORENV		MAIL

	METHOD	EXTRACTED	TEST DATE	RESULT	UNITS	PQL
Order A00041403 consisted of 6 Samples and 6 Tests.						
Phenols		04/17/00	04/20/00			
2,3,5,6-Tetrachlorophenol				ND	ug/wipe	.10
2,3,4,6-Tetrachlorophenol				.18	ug/wipe	.10
2,3,4,5-Tetrachlorophenol				ND	ug/wipe	.10
Pentachlorophenol				.65	ug/wipe	.10
Sample 5 Location #5		See Notes for this Sample at the end of Report.				
Sample Type: Wipe	Sampled By: Jim Crook		Sampled: 04/12/00 11:00			
Phenols		04/17/00	04/20/00			
2,3,5,6-Tetrachlorophenol				ND	ug/wipe	.50
2,3,4,6-Tetrachlorophenol				1.0	ug/wipe	.10
2,3,4,5-Tetrachlorophenol				ND	ug/wipe	.10
Pentachlorophenol				4.1	ug/wipe	.10
Sample 6 Location #6		See Notes for this Sample at the end of Report.				
Sample Type: Wipe	Sampled By: Jim Crook		Sampled: 04/12/00 11:00			
Phenols		04/17/00	04/20/00			
2,3,5,6-Tetrachlorophenol				ND	ug/wipe	.50
2,3,4,6-Tetrachlorophenol				4.1	ug/wipe	.10
2,3,4,5-Tetrachlorophenol				ND	ug/wipe	.10
Pentachlorophenol				20	ug/wipe	.10

PQL = Practical Quantitation Limit ND - None Detected

Bruce L. Gove
Laboratory Director

Date Printed: 04/21/00

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Order Number: A00041403
April 21, 2000

Sample Notes:

Notes for Sample: 1
The PQL for 2,3,5,6,- Tetrachlorophenol are 5X higher than usual due to matrix interferences.
Notes for Sample: 2
The PQL for 2,3,5,6 - Tetrachlorophenol are 5X higher than usual due to matrix interferences.
Notes for Sample: 3
The PQL for 2,3,5,6 - Tetrachlorophenol are 5X higher than usual due to matrix interferences.
Notes for Sample: 5
The PQL for 2,3,5,6 - Tetrachlorophenol are 5X higher than usual due to matrix interferences.
Notes for Sample: 6
The PQL for 2,3,5,6 - Tetrachlorophenol are 5X higher than usual due to matrix interferences.

Bruce L. Gove
Laboratory Director Date Printed: 04/21/00

WORK ORDER
CHAIN OF CUSTODY RECORD

Alpha Analytical Laboratories Inc. • 860 Waugh Lane, H-1, Ukiah, CA 95482 • (707) 468-0401 • FAX (707) 468-5267

DATE 4/12/00 PAGE 1 OF 1

CLIENT'S NAME: NORTHCOAST ENV. CONSL. INC
PROJECT MANAGER: JIM CROOK
STREET ADDRESS: 5695 HEADWOOD HILL RD. CITY: — STATE: — ZIP: 95573
PHONE NUMBER: 707-442-2032
PROJECT NAME: SIMPSON SAMOA, SAW MILL
FAX NUMBER: 707-265-0491
CONTRACT/PURCHASE ORDER/QUOTE NUMBER:
SITE CONTACT: JIM CROOK
SIGNATURE OF PERSON AUTHORIZING WORK UNDER TERMS STATED ON REVERSE SIDE OF THIS FORM: JIM CROOK
SAMPLED BY: JIM CROOK

ANALYSES: PCP-TCP-(TMP PULP)

SAMPLE CONDITION ON RECEIPT:
COLD/ICED? NO
BUBBLES OR AIR SPACE? —/
WERE SAMPLES PRESERVED? —

SAMPLE NUMBER/IDENTIFICATION	DATE	TIME	LAB SAMPLE NUMBER	SAMPLE TYPE: LIQ	AIR	SOLID	COMP	GRAB	NO. OF CONTS.	PCP-TCP-(TMP PULP)	EXPLAIN IRREGULARITIES BELOW
LOCATION # 1	4/12/00	11 AM	A00-0414-03-1					1	1	✓	A00-0413-03-1
2			-2					1	1	✓	
3			-3					1	1	✓	
4			-4					1	1	✓	
5			-5					1	1	✓	
6			-6					1	1	✓	

2" X 2" Swipe areas on all Samples per JC 4/14/00 - 12:15

RELINQUISHED BY: (SIGNATURE) JIM CROOK	RECEIVED BY: (SIGNATURE) Sandie Simmons	DATE 4/14/00	TIME 1025
RELINQUISHED BY: (SIGNATURE)	RECEIVED BY: (SIGNATURE)	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	RECEIVED FOR LABORATORY BY:	SAMPLE CONTROL OFFICER	
METHOD OF SHIPMENT: UPS	AUTHORIZED BY:		

TURN AROUND TIME REQUESTED: 5 DAY

SPECIAL INSTRUCTIONS:

DRIVING TIME | SITE TIME | TOTAL TIME

SAMPLE DESPOSITION:
1. STORAGE TIME REQUESTED _____ DAYS (SAMPLES WILL BE STORED FOR 30 DAYS WITHOUT ADDITIONAL CHARGES: THEREAFTER STORAGE CHARGES WILL BE BILLED AT THE PUBLISHED RATES.)
2. SAMPLE TO BE RETURNED TO CLIENT? ☐ YES ☐ NO

HAZARDOUS MATERIALS ARE THE PROPERTY OF THE CLIENT. THE CLIENT IS RESPONSIBLE FOR PROPER DISPOSAL OF HAZARDOUS WASTES. CLIENTS NOT PICKING UP HAZARDOUS WASTES MAY BE ASSESSED AN APPROPRIATE FEE.

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CHEMICAL EXAMINATION REPORT

Northcoast Environmental Construction, Inc.
P O Box 5898
Eureka, CA 95502
Attn: Jim Crook

Date Printed
10/06/00
Project No:
Project Id: Simpson Samoa, Reman

Order Number	Receipt Date/Time	Client	Client P.O.	Send Via
A00092611	09/26/00 11:00AM	NORENV		MAIL

Order A00092611 consisted of 5 Samples and 10 Tests.

	METHOD	EXTRACTED	TEST DATE	RESULT	UNITS	PQL
Sample 1 S-1 36" Deep				See Notes for this Sample at the end of Report.		
Sample Type: Soil	Sampled By: Jim Crook			Sampled: 09/24/00 15:00		
Phenols	CANPULP	10/02/00	10/04/00			
2,4,6-Trichlorophenol				ND	mg/kg	0.2
2,3,5,6-Tetrachlorophenol				ND	mg/kg	0.2
2,3,4,6-Tetrachlorophenol				2.1	mg/kg	1.0
2,3,4,5-Tetrachlorophenol				ND	mg/kg	0.2
Pentachlorophenol				4.6	mg/kg	1.0
Sample 2 S-2 24" Deep						
Sample Type: Soil	Sampled By: Jim Crook			Sampled: 09/24/00 15:00		
Phenols	CANPULP	10/02/00	10/04/00			
2,4,6-Trichlorophenol				ND	mg/kg	0.1
2,3,5,6-Tetrachlorophenol				ND	mg/kg	0.1
2,3,4,6-Tetrachlorophenol				ND	mg/kg	0.1
2,3,4,5-Tetrachlorophenol				ND	mg/kg	0.1
Pentachlorophenol				ND	mg/kg	0.1
Sample 3 S-3 24" Deep						
Sample Type: Soil	Sampled By: Jim Crook			Sampled: 09/24/00 15:00		
Phenols	CANPULP	10/02/00	10/04/00			
2,4,6-Trichlorophenol				ND	mg/kg	0.1
2,3,5,6-Tetrachlorophenol				ND	mg/kg	0.1
2,3,4,6-Tetrachlorophenol				.13	mg/kg	0.1
2,3,4,5-Tetrachlorophenol				ND	mg/kg	0.1
Pentachlorophenol				.26	mg/kg	0.1

PQL = Practical Quantitation Limit ND - None Detected

Bruce L. Gove
Laboratory Director

Date Printed: 10/06/00

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e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Northcoast Environmental Construction, Inc.
P O Box 5898
Eureka, CA 95502
Attn: Jim Crook

Date Printed
10/06/00
Project No:
Project Id: Simpson Samoa, Reman

Order Number	Receipt Date/Time	Client	Client P.O.	Send Via
A00092611	09/26/00 11:00AM	NORENV		MAIL

	METHOD	EXTRACTED	TEST DATE	RESULT	UNITS	PQL
Order A00092611 consisted of 5 Samples and 10 Tests.						
Sample 4 S-2 36" Deep						
Sample Type: Soil	Sampled By: Jim Crook			Sampled: 09/24/00	15:00	
Phenols	CANPULP	10/02/00	10/04/00			
2,4,6-Trichlorophenol				ND	mg/kg	0.1
2,3,5,6-Tetrachlorophenol				ND	mg/kg	0.1
2,3,4,6-Tetrachlorophenol				ND	mg/kg	0.1
2,3,4,5-Tetrachlorophenol				ND	mg/kg	0.1
Pentachlorophenol				ND	mg/kg	0.1
Sample 5 S-3 36" Deep						
Sample Type: Soil	Sampled By: Jim Crook			Sampled: 09/24/00	15:00	
Phenols	CANPULP	10/02/00	10/04/00			
2,4,6-Trichlorophenol				ND	mg/kg	0.1
2,3,5,6-Tetrachlorophenol				ND	mg/kg	0.1
2,3,4,6-Tetrachlorophenol				ND	mg/kg	0.1
2,3,4,5-Tetrachlorophenol				ND	mg/kg	0.1
Pentachlorophenol				ND	mg/kg	0.1

PQL = Practical Quantitation Limit ND - None Detected

Bruce L. Gove
Laboratory Director

Date Printed: 10/06/00

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860 Waugh Lane, H-1, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

Order Number: A00092611
October 06, 2000

Sample Notes:

Notes for Sample: 1
The PQL's for 2,4,6-trichlorphenol, 2,3,5,6-tetrachlorophenol & 2,3,4,5-tetrachlorophenol are 2X higher than usual due to matrix interferences.

Bruce L. Gove
Laboratory Director

Date Printed: 10/06/00

WORK ORDER
CHAIN OF CUSTODY RECORD

Alpha Analytical Laboratories Inc. • 860 Waugh Lane, H-1, Ukiah, CA 95482 • (707) 468-0401 • FAX (707) 468-5267

DATE 9/24/00 PAGE 1 OF 1

CLIENT'S NAME: NORTHCOAST ENV. CONST.	PROJECT MANAGER: JIM CROOK
STREET ADDRESS: 5595 HUMBOLDT HILL, CITY: CLEARLAKE, STATE: CA, ZIP: 95422	PHONE NUMBER: 707- 942-2032
PROJECT NAME: SIMPSON SAMOA REMAN	FAX NUMBER: 707- 263-0891
CONTRACT/PURCHASE ORDER/QUOTE NUMBER	SITE CONTACT: JIM CROOK
SIGNATURE OF PERSON AUTHORIZING WORK UNDER TERMS STATED ON REVERSE SIDE OF THIS FORM: Jim Crook	SAMPLED BY: JIM CROOK

ANALYSES

SAMPLE CONDITION ON RECEIPT:

COLD/ICED? Yes

BUBBLES OR AIR SPACE? No

WERE SAMPLES PRESERVED? N/A

SAMPLE NUMBER/IDENTIFICATION	DATE	TIME	LAB SAMPLE NUMBER	SAMPLE TYPE: LIQ	AIR	SOLID	COMP	GRAB	NO. OF CONTS.	PCP-TCP-Cu/Ni/Cr/As
S-1 36" Deep	9/24/00	3 PM	A00-0926-11-1			✓			1	✓
S-2 24" [redacted] Deep			-2			✓			1	✓
S-3 24" [redacted] Deep			-3			✓			1	✓
S-2 36" Deep			-4			✓			1	✓
S-3 36" Deep			-5			✓			1	✓
			-6							

EXPLAIN IRREGULARITIES BELOW

RELINQUISHED BY: (SIGNATURE) Jim Crook	RECEIVED BY: (SIGNATURE) Sheri Spoaks	DATE 9/26/00	TIME 11:00
RELINQUISHED BY: (SIGNATURE)	RECEIVED BY: (SIGNATURE)	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	RECEIVED FOR LABORATORY BY:	SAMPLE CONTROL OFFICER	
METHOD OF SHIPMENT	AUTHORIZED BY:		

TURN AROUND TIME REQUESTED

10 Day

SPECIAL INSTRUCTIONS

DRIVING TIME	SITE TIME	TOTAL TIME

SAMPLE DESPOSITION:

1. STORAGE TIME REQUESTED _____ DAYS (SAMPLES WILL BE STORED FOR 30 DAYS WITHOUT ADDITIONAL CHARGES. THEREAFTER STORAGE CHARGES WILL BE BILLED AT THE PUBLISHED RATES.
2. SAMPLE TO BE RETURNED TO CLIENT? ☐ YES ☐ NO

HAZARDOUS MATERIALS ARE THE PROPERTY OF THE CLIENT. THE CLIENT IS RESPONSIBLE FOR PROPER DISPOSAL OF HAZARDOUS WASTES. CLIENTS NOT PICKING UP HAZARDOUS WASTES MAY BE ASSESSED AN APPROPRIATE FEE

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CHEMICAL EXAMINATION REPORT

Northcoast Environmental Construction, Inc.
P O Box 5898
Eureka, CA 95502
Attn: Jim Crook

Date Printed
08/11/99

Project Name: Simpson, Somoa (Sorter

Order Number	Receipt Date/Time	Client	Client P.O.	Send Via	Project No.
A99072718	07/27/99 09:40AM	NORENV		MAIL	

	METHOD	EXTRACTED	TEST DATE	RESULT	UNITS	PQL
Order A99072718 consisted of 8 Samples and 32 Tests.						
Sample 1 Sorter #1						
Sample Type: Soil	Sampled By: Jim Roby			Sampled: 07/26/99 09:00		
Pentachlorophenol	CANPULP	08/04/99	08/10/99	0.0098	ug/Wipe	.005
2,3,4,6-Tetrachlorophenol	CANPULP	08/04/99	08/10/99	ND	ug/Wipe	.005
Sample 2 Sorter #2						
Sample Type: Soil	Sampled By: Jim Roby			Sampled: 07/26/99 09:00		
Pentachlorophenol	CANPULP	08/04/99	08/10/99	1.4	ug/Wipe	.005
2,3,4,6-Tetrachlorophenol	CANPULP	08/04/99	08/10/99	0.29	ug/Wipe	.005
Sample 3 Sorter Floor #3						
Sample Type: Soil	Sampled By: Jim Roby			Sampled: 07/26/99 09:00		
Pentachlorophenol	CANPULP	08/04/99	08/10/99	0.36	ug/Wipe	.005
2,3,4,6-Tetrachlorophenol	CANPULP	08/04/99	08/10/99	0.14	ug/Wipe	.005

PQL - Practical Quantitation Limit ND - None Detected

Bruce L. Gove
Laboratory Director

Date Printed: 08/11/99

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CHEMICAL EXAMINATION REPORT

Northcoast Environmental Construction, Inc.
P O Box 5890
Eureka, CA 95502
Attn: Jim Crook

Date Printed
08/11/99

Project Name: Simpson, Somoa (Sorter

Order Number	Receipt Date/Time	Client	Client P.O.	Send Via	Project No.
A99072718	07/27/99 09:40AM	NORENV		MAIL	

	METHOD	EXTRACTED	TEST DATE	RECULT	UNITS	PQL
Order A99072718 consisted of 8 Samples and 32 Tests.						
Sample 4 Sorter Floor #4						
Sample Type: Soil	Sampled By: Jim Roby			Sampled: 07/26/99 09:00		
Pentachlorophenol	CANPULP	08/04/99	08/10/99	0.085	ug/wipe	.005
2,3,4,6-Tetrachlorophenol	CANPULP	08/04/99	08/10/99	0.032	ug/wipe	.005
Sample 5 Sorter Floor #5						
Sample Type: Soil	Sampled By: Jim Roby			Sampled: 07/26/99 09:00		
Pentachlorophenol	CANPULP	08/04/99	08/10/99	0.12	ug/wipe	.005
2,3,4,6-Tetrachlorophenol	CANPULP	08/04/99	08/10/99	0.081	ug/wipe	.005
Sample 6 Sorter Floor #6						
Sample Type: Soil	Sampled By: Jim Roby			Sampled: 07/26/99 09:00		
Pentachlorophenol	CANPULP	08/04/99	08/10/99	0.11	ug/wipe	.005

PQL - Practical Quantitation Limit ND - None Detected

Bruce L. Gove
Laboratory Director

Date Printed: 08/11/99

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CHEMICAL EXAMINATION REPORT

Northcoast Environmental Construction, Inc.
P O Box 5898
Eureka, CA 95502
Attn: Jim Crook

Date Printed
08/11/99

Project Name: Simpson, Somoa Sorter

Order Number	Receipt Date/Time	Client	Client P.O.	Send Via	Project No.
A99072718	07/27/99 09:40AM	NORENV		MAIL	

	METHOD	EXTRACTED	TEST DATE	RESULT	UNITS	PQL
Order A99072718 consisted of 8 Samples and 32 Tests.						
2,3,4,6-Tetrachlorophenol	CANPULP	08/04/99	08/10/99	0.10	ug/wipe	.005
Sample 7 Sorter Floor #7						
Sample Type: Soil	Sampled By: Jim Roby			Sampled: 07/26/99	09:00	
Pentachlorophenol	CANPULP	08/04/99	08/10/99	0.052	ug/wipe	.005
2,3,4,6-Tetrachlorophenol	CANPULP	08/04/99	08/10/99	0.024	ug/wipe	.005
Sample 8 Sorter Floor #8						
Sample Type: Soil	Sampled By: Jim Roby			Sampled: 07/26/99	09:00	
Pentachlorophenol	CANPULP	08/04/99	08/10/99	1.1	ug/wipe	.005
2,3,4,6-Tetrachlorophenol	CANPULP	08/04/99	08/10/99	0.18	ug/wipe	.005

PQL = Practical Quantitation Limit ND - None Detected

Bruce L. Gove
Laboratory Director

Date Printed: 08/11/99

Alpha Analytical Laboratories Inc. 860 Waugh Lane, H-1, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax (707) 468-5267

Order Number: A99072718
August 11, 1999

Sample Notes:

Bruce L. Gove
Laboratory Director

Date Printed: 08/11/99

WORK ORDER
CHAIN OF CUSTODY RECORD

8/10

Alpha Analytical Laboratories Inc. • 860 Waugh Lane, H-I, Ukiah, CA 95482 • (707) 468-0401 • FAX (707) 468-5267

DATE 7/26/99 PAGE 1 OF 1

CLIENT'S NAME: Nasmussi Env. Const. Inc.
STREET ADDRESS: P.O. Box 5858 CITY: Eureka STATE: CA ZIP: 95502
PROJECT NAME: Simpson, Samoa (Sorter Chain)
CONTRACT/PURCHASE ORDER/QUOTE NUMBER:
SIGNATURE OF PERSON AUTHORIZING WORK UNDER TERMS STATED ON REVERSE SIDE OF THIS FORM:

PROJECT MANAGER: Jim Cook
PHONE NUMBER: 707-442-2032
FAX NUMBER: 707-269-0891
SITE CONTACT: Jim Cook
SAMPLED BY: Jim Cook

ANALYSES: PCB's (EPA 8080)

SAMPLE CONDITION ON RECEIPT:
COLD/ICED? UPS
BUBBLES OR AIR SPACE?
WERE SAMPLES PRESERVED?

SAMPLE NUMBER IDENTIFICATION	DATE	TIME	LAB SAMPLE NUMBER	SAMPLE TYPE (SOIL, WATER, ETC.)	NO. OF CONTAINERS	PCB's (EPA 8080)
Sorter # 1	7/26/99	9 AM	A99-0727-18-1	✓	1	✓
Sorter # 2	7/26/99	9 AM	-2	✓	1	✓
Sorter Floor # 3	7/26/99	9 AM	-3	✓	1	✓
" " 4	7/26/99	9 AM	-4	✓	1	✓
" " 5	7/26/99	9 AM	-5	✓	1	✓
" " 6	7/26/99	9 AM	-6	✓	1	✓
" " 7	7/26/99	9 AM	-7	✓	1	✓
" " 8	7/26/99	9 AM	-8	✓	1	✓

EXPLAIN IRREGULARITIES BELOW

Label says Sorter #7, lid says #8 per Jim R use COC & lid info. 7-27-99 10:30 cwm

RELINQUISHED BY: (SIGNATURE) Jim Cook
RELINQUISHED BY: (SIGNATURE)
RELINQUISHED BY: (SIGNATURE)
METHOD OF SHIPMENT: UPS
SPECIAL INSTRUCTIONS:

RECEIVED BY: (SIGNATURE) Sandi Simmons
RECEIVED BY: (SIGNATURE)
RECEIVED FOR LABORATORY BY:
AUTHORIZED BY:

DATE 7/27/99 TIME 09:40
DATE TIME

TURN AROUND TIME REQUESTED: 10 Day

SAMPLE CONTROL OFFICER

SAMPLE DISPOSITION:
1. STORAGE TIME REQUESTED _____ DAYS
(SAMPLES WILL BE STORED FOR 30 DAYS WITHOUT ADDITIONAL CHARGES. THEREAFTER STORAGE CHARGES WILL BE BILLED AT THE PUBLISHED RATES)
2. SAMPLE TO BE RETURNED TO CLIENT? ☐ YES ☐ NO

HAZARDOUS MATERIALS ARE THE PROPERTY OF THE CLIENT. THE CLIENT IS RESPONSIBLE FOR PROPER DISPOSAL OF HAZARDOUS WASTES. CLIENTS NOT PICKING UP HAZARDOUS WASTES MAY BE ASSESSED AN APPROPRIATE FEE.

DRIVING TIME	SITE TIME	TOTAL TIME

Humboldt County Department of Health and Human Services
DIVISION OF ENVIRONMENTAL HEALTH
100 H Street, Suite 100, Eureka, CA 95501

707-445-6215
Fax 707-441-5699

Toll Free 1-800-963-9241
envhealth@co.humboldt.ca.us

November 12, 2002

Simpson Samoa Company
Fred Jacobson
PO Box 1089
Arcata, CA 95518-1089

Subject: **Simpson Samoa Wood Mill, 1 Jim Smith Avenue, Samoa California**
LOP #12719

Dear Mr. Jacobson:

We have reviewed the information present in our files regarding the soil and groundwater investigation at the former tank site. There appears to be minimal remaining impact or threat to groundwater quality from the fuel release at the site.

We are requesting concurrence from the North Coast Regional Water Quality Control Board (NCRWQCB) with our conclusions that the threat to groundwater quality is minimal, and, with the provision that the information submitted to this agency is accurate and representative of site conditions, no further action is required at this time as set forth in 23 CCR Division 3, Chapter 16, Article 11, §2721(e). Please understand that should new information become available, such as the discovery of a contaminated well or other nearby contamination, the NCRWQCB or the Humboldt County Division of Environmental Health (HCDEH) would be obligated to evaluate the potential role of this site in the contamination investigation. We have enclosed a copy of our letter to the NCRWQCB recommending no further action at your site.

Please note this request for case closure by SHN and concurrence by HCDEH only applies to the former UST. Other ongoing corrective action and non-UST matters at this site will continue under the oversight of the NCRWQCB.

We recommend that the monitoring wells be abandoned after concurrence is received from the NCRWQCB. Once concurrence is received and the wells are destroyed, HCDEH will issue the Remedial Action Completion Certificate.

Please contact me at (707) 268-2239 if you have any questions.

Sincerely,

Robert A Stone, CHMM
Hazardous Materials Specialist
Local Oversight Program

RS: swb

cc: Kasey Ashley, NCRWQCB
Frans Lowman, SHN

12719.008/94.1L

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • 707-441-8855 • Fax 707-441-8877 • info@shn-eureka.com

94.1 mav

Reference: 099136

RECEIVED
SEP 05 2002
HUMBOLDT CO. DIVISION OF ENVIRONMENTAL HEALTH

August 14, 2002

Mr. Mark Verhey, R.G.
Humboldt County Division of Environmental Health
100 H Street, Suite 100
Eureka, CA 95501

SUBJECT: REQUEST FOR CLOSURE, FORMER UST SITE, SIMPSON SAMOA WOOD MILL, SAMOA, CALIFORNIA

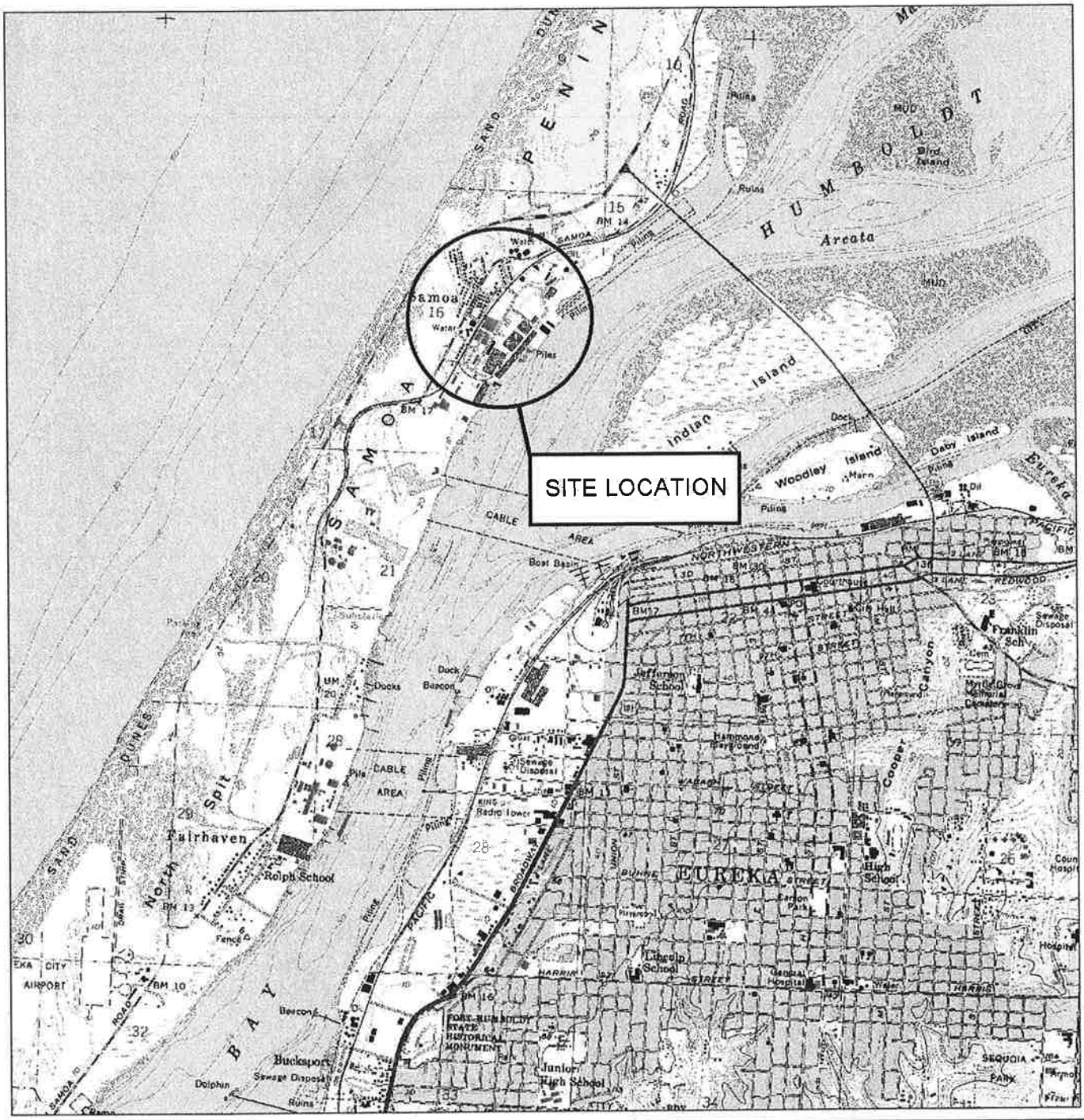
Dear Mr. Verhey:

Site investigation, remediation, and groundwater monitoring activities have been conducted at the site of a former underground storage tank (UST) located at the Simpson Samoa Wood Mill in Samoa, California (site; see Figure 1). Based on the results of these activities, SHN Consulting Engineers & Geologists, Inc. (SHN) is requesting that the site be considered for closure. This request has been prepared on behalf of the Simpson Samoa Corporation (SSC).

The site is the location of a former UST used to store gasoline. The UST was removed on July 12, 1999, by North Coast Environmental Construction, and included one 1,000 gallon UST. Groundwater had entered the excavation at a depth of approximately 3.5 feet below ground surface (BGS). Two soil samples were collected from the east and west sidewalls of the excavation at a depth of approximately 3 feet BGS. Analytical results of the soil samples indicated the presence of total petroleum hydrocarbons as gasoline (TPHG) (990 micrograms per gram (ug/g)), and benzene, toluene, ethylbenzene, and total xylenes (BTEX), including a benzene concentration of 3.1 ug/g. One groundwater sample was collected from the excavation pit. TPHG was detected in the groundwater sample (17,000 micrograms per liter (ug/L)), and BTEX, including a benzene concentration of 2,300 ug/L.

Based on these results, the Humboldt County Division of Environmental Health (HCDEH) requested that a site investigation be conducted.

On November 8, 1999, SHN conducted an initial site investigation, including the drilling and sampling of eight soil borings (borings WP-1 through WP-8, and the installation and sampling of seven well points (WP-1 through WP-7). Analytical results indicated the presence of petroleum hydrocarbon-impacted soil and groundwater in the vicinity of the former UST location. TPHG was found in soil at concentrations up to 4,000 ug/g, and in water at concentrations up to 460,000 ug/L. Based on the results of the November 1999 site investigation, SHN recommended that additional limited excavation be conducted, and groundwater monitoring wells be installed to assess groundwater conditions beneath the site.



SOURCE: EUREKA USGS 7.5 MINUTE QUADRANGLE



QUADRANGLE LOCATION

N

not to scale

SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

SITE LOCATION MAP

SHN 099136

FIGURE 1

SIMPSONSAMOALOCATION

During the period of January 25 through February 2, 2000, NCEC performed an additional excavation of approximately 1,447 tons of soil. The excavation extended approximately 95 feet to the east of the access road that borders the west end of the excavation area. Excavation was stopped at approximately 95 feet to the east of the access road where a concrete foundation was discovered that appeared to have acted as a barrier, since soil contamination was not observed on the east side of the foundation. The approximate limits of the excavated area are shown on Figure 2. During the week of September 13, 2000, 1,447 tons of stockpiled soil was transported from the site for disposal. The soil was transported to TPS Technologies, a soil recycling center located in Richmond, California.

On May 11, 2000, SHN supervised the installation of groundwater monitoring wells MW-1, MW-2, MW-3 and MW-4. Monitoring well locations are shown on Figure 2. On June 8, 2000, each well was developed, and groundwater samples were collected and analyzed for petroleum hydrocarbons, biodegradation indicators, and fuel oxygenates. Only benzene was detected in the groundwater sample collected from monitoring well MW-2, at a concentration of 2.9 ug/L.

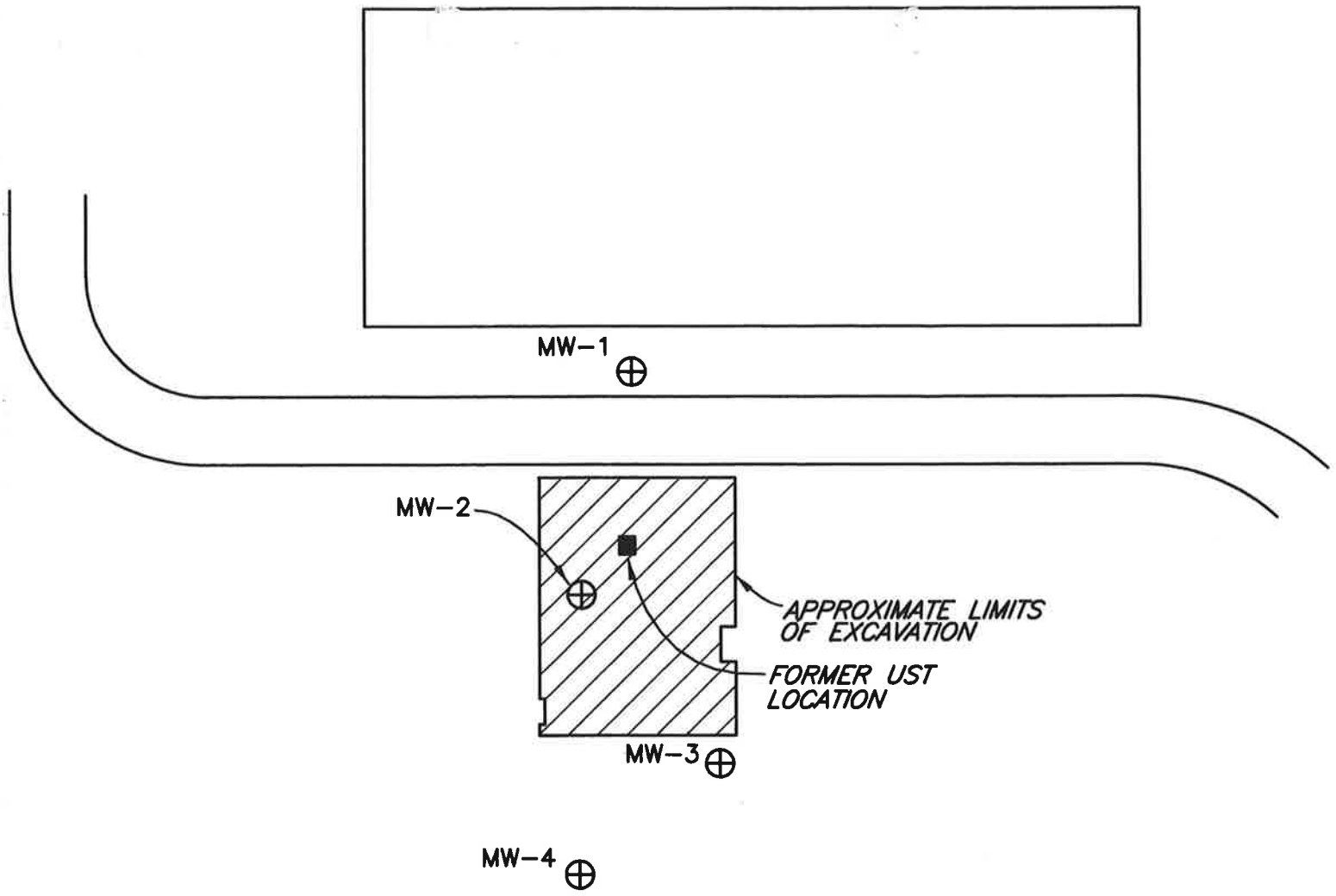
A groundwater monitoring program was implemented at the site, including quarterly groundwater monitoring, and monthly groundwater gauging. Groundwater samples were analyzed for TPHG, BTEX, total petroleum hydrocarbons as diesel (TPHD), total petroleum hydrocarbons as motor oil (TPHMO), total petroleum hydrocarbons as bunker C (TPHC) and fuel oxygenates. Quarterly groundwater monitoring was conducted on six occasions between June 2000 and September 2001.

Results of the groundwater gauging showed that the direction of groundwater flow ranged from a west southwesterly to a southwesterly direction with groundwater gradients that ranged from 0.007 feet per foot (ft/ft) to 0.16 ft/ft. Groundwater contour maps generated from water level gauging data collected between June 2000 and March 2001 is presented in Attachment "A."

TPHG, TPHD, and TPHMO have only been detected on one occasion in one well during the entire monitoring program. These compounds were detected in monitoring well MW-3 during the September 21, 2000, monitoring event at concentrations of 15,000 ug/L, 53 ug/L and 400 ug/L, respectively.

Benzene has been detected in monitoring well MW-2 on two occasions. The first occurrence was a concentration of 2.9 ug/L during the June 8, 2000, monitoring event, and the second occurrence was a concentration of 1.5 ug/L during the September 21, 2000, monitoring event. No other BTEX components have been detected in groundwater samples collected during this monitoring program.

The fuel oxygenate methanol was detected in wells MW-1 and MW-3 during the June 6, 2000, monitoring event. No other fuel oxygenates, including methyl tert butyl ether (MTBE), have been detected in any site wells.



EXPLANATION

⊕ *MONITORING WELL LOCATION AND DESIGNATION*

HUMBOLDT BAY

1"=60'

SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

SITE MAP

SHN 099136

I:/FINICAD/1999/099136/099136-SITEMAP

FIGURE **2**

The only petroleum hydrocarbon that has been detected on more than two occasions and in more than one well is TPHC. It should be noted that TPHC was never stored in the former UST, and has been found in both the upgradient and downgradient wells, and in other areas of the site.

The historical groundwater monitoring results of samples collected during the monitoring program are summarized in Table 1. All historical soil and groundwater analytical results are presented in Attachment B.

TABLE 1
HISTORICAL PETROLEUM HYDROCARBON GROUNDWATER ANALYTICAL RESULTS QUARTERLY SAMPLING
SIMPSON SAMOA CORPORATION, SAMOA, CALIFORNIA
(in ug/L)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	TPHD[2]	TPMO[3]	TPHC[4]	B[5]	T[5]	E[5]	X[5]	MTBE[6]	M[7]
MW-1	06/08/00	<50[8]	NS[9]	NS	NS	<0.50	<0.50	<0.50	<0.50	NS	**290**
	9/21/00	<50	<50	<170	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	12/06/00	<50	<50	<170	**420**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	3/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	9/6/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<5,000
MW-2	06/08/00	<50	NS	NS	NS	**2.9**	<0.50	<0.50	<0.50	NS	<50
	9/21/00	<50	<50	<170	NS	**1.5**	<0.50	<0.50	<0.50	<0.50	<50
	12/06/00	<50	<50	<170	**400**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	3/7/01	<50	<50	<170	**440**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	9/6/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<5,000
MW-3	06/08/00	<50	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	NS	**470**
	9/21/00	**15,000**	**53**	**400**	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	12/06/00	<50	<50	<170	**1,100**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	3/7/01	<50	<50	<170	**910**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	9/6/01	<50	<50	<170	**360**	<0.50	<0.50	<0.50	<0.50	<0.50	<5,000
MW-4	06/08/00	<50	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	NS	<50
	9/21/00	<50	<50	<170	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	12/06/00	<50	<50	<170	**460**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	3/7/01	<50	<50	<170	**360**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	9/6/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<5,000

1) TPHG: Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) TPHD: Total petroleum hydrocarbons as diesel, analyzed in accordance with EPA Method No. 5030.
3) TPMO: Total petroleum hydrocarbons as motor oil, analyzed in accordance with EPA Method No. 5030.
4) TPHC: Total Petroleum hydrocarbons as Bunker C, analyzed in accordance with EPA 8015M
5) BTEX: Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
6) MTBE= Methyl tertiary-Butyl Ether
7) M: Methanol, analyzed in accordance with EPA Method No. 8260B. No other fuel oxygenates were detected using this method.
8) "<" denotes "less than."
9) NS: Not Sampled.

As shown in Table 1, TPHG, TPHD, TPHMO, BTEX, and none of the fuel oxygenates have been detected in any site wells since the September 2000 sampling event. These results indicate that the corrective action conducted at the site has been successful in removing any petroleum hydrocarbons that may have been released from the former UST. Additionally, these results indicate that water quality objectives have been met for TPHG, TPHD, TPHMO, BTEX, and the fuel oxygenates.

Site remediation efforts have been successful in removing petroleum hydrocarbon contamination that resulted from the use of the former UST. The presence of TPHG and BTEX in soil and water samples collected prior to the conduct of any site remediation work indicated that an unauthorized release of these compounds occurred. A comparison of soil and water samples collected in the vicinity of the former UST prior to the conduct of soil excavation to those collected after the excavation work was completed indicate that the excavation program was successful in removing petroleum hydrocarbons related to the use of the former UST.

The only known sensitive receptor within 500 feet of the former UST location is Humboldt Bay. Analytical results of groundwater samples collected from site wells indicate that the bay has not been impacted as a result of the operation of the former UST.

As previously stated, the corrective action conducted at the site has been successful in the removal of petroleum hydrocarbons related to the former UST, and accordingly, SHN requests that the former UST be considered for closure, and that a No Further Action letter be issued for the former UST area.

The HCDEH prepared a memorandum dated April 4, 1996, that outlined information that would be needed as part of a site closure request. This information is presented in Attachment C.

Please do not hesitate to contact me at (707) 441-8855 with any questions you may have.

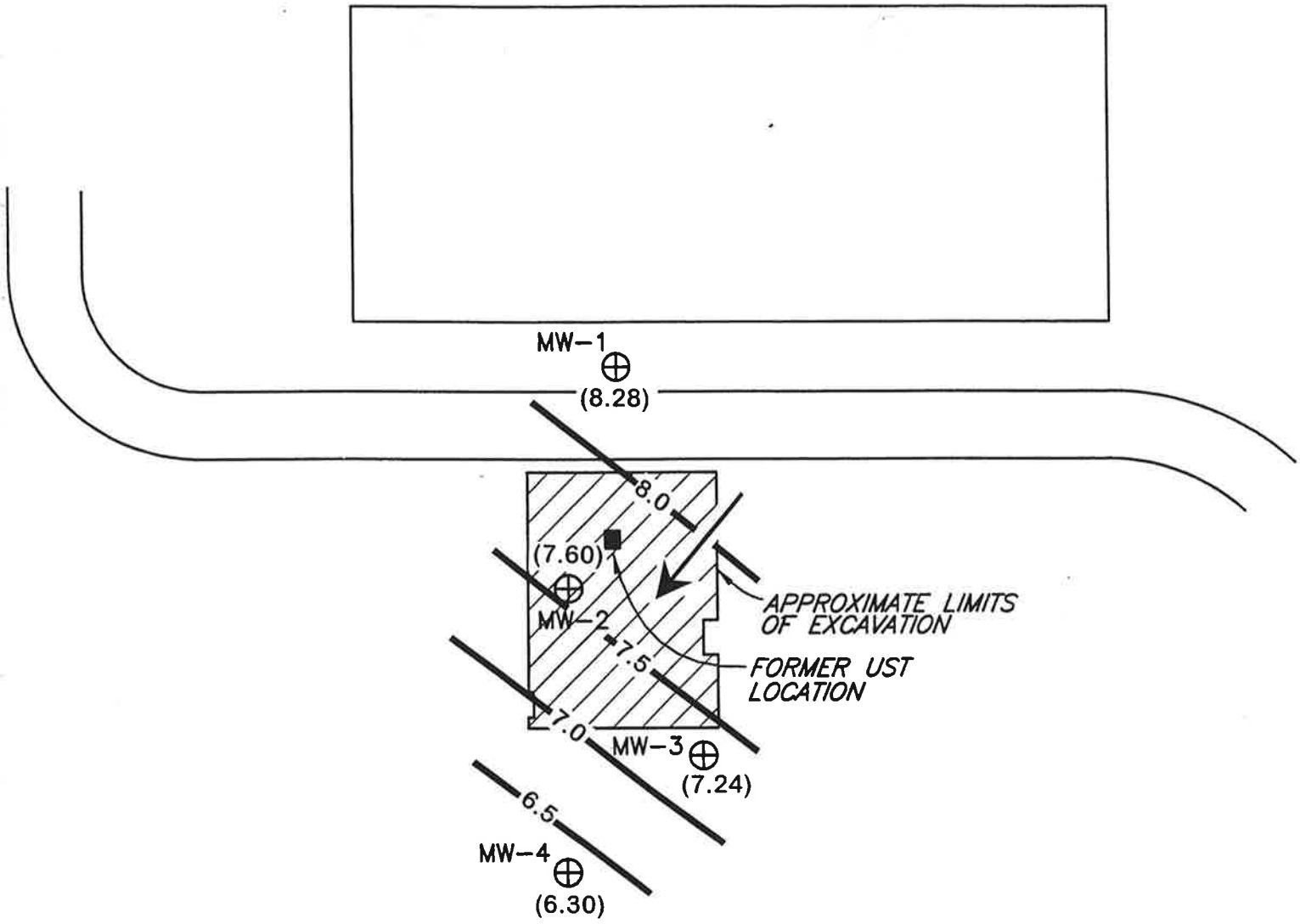
Sincerely,

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.

Frans B. Lowman, R.G.
Project Manager

REGISTERED PROFESSIONAL GEOLOGIST
FRANS BARTON LOWMAN
NO. 6705
Exp. 6/30/03
STATE OF CALIFORNIA

FBL:lms
Attahcments A. Groundwater Contour Maps
B. Historical Soil & Groundwater Analytical Results
C. Information Required For A Site Closure Request
c/w attach: Rob Ricci, Simpson Timber Company
RWQCB



1"=60'

HUMBOLDT BAY

EXPLANATION

⊕ (7.24) MONITORING WELL LOCATION WITH GROUNDWATER ELEVATION, IN FEET MSL

—7.5— CONTOUR OF EQUAL GROUNDWATER ELEVATION, IN FEET MSL

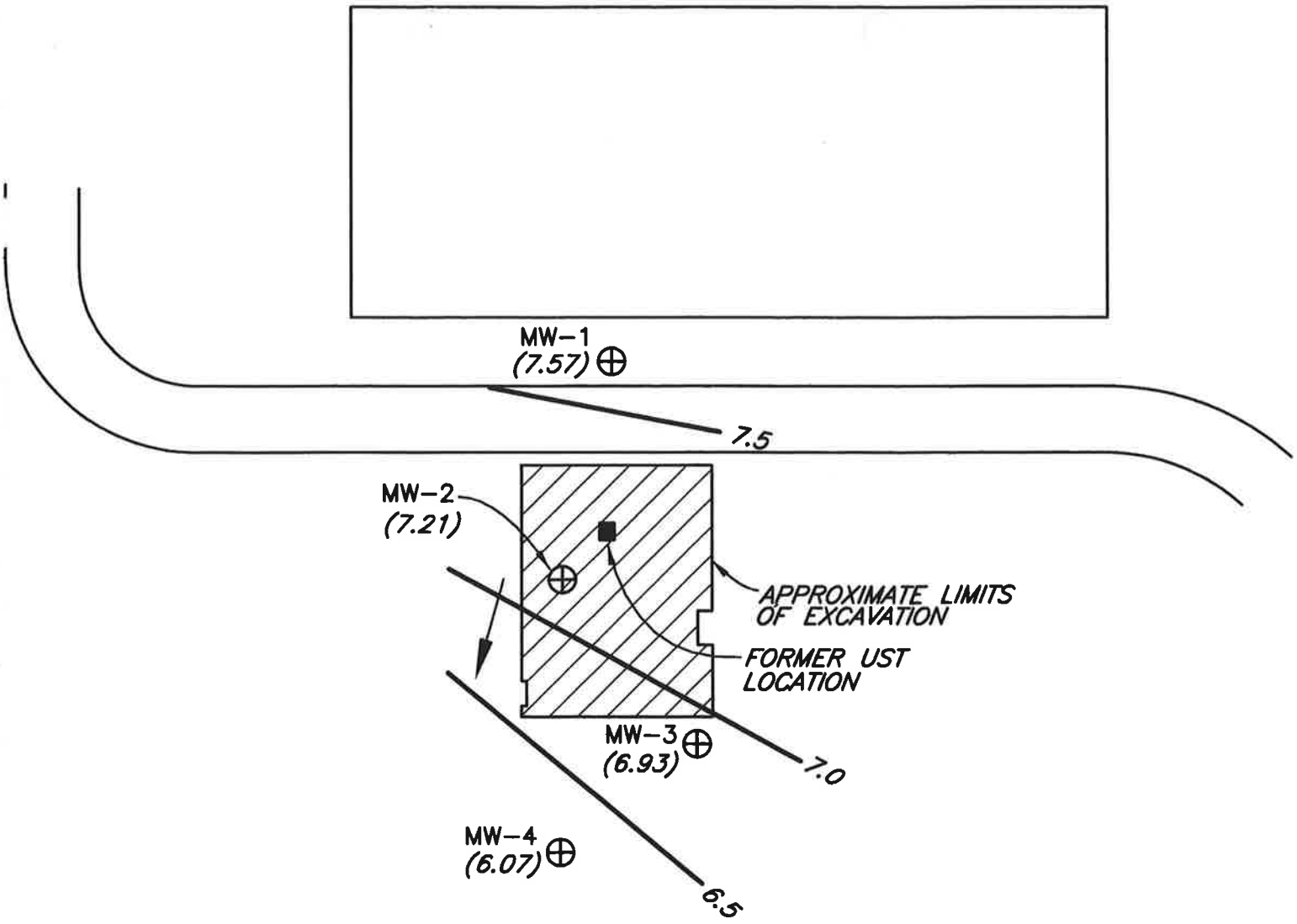
→ ESTIMATED DIRECTION OF GROUNDWATER FLOW

SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

GROUNDWATER CONTOURS JUNE 8, 2000

SHN 099136
JULY, 2000

FIGURE 8



EXPLANATION

- ⊕ MONITORING WELL LOCATION AND DESIGNATION
- (6.07) GROUNDWATER ELEVATION IN FEET ABOVE MSL
- 6.5 — CONTOUR OF EQUAL GROUNDWATER ELEVATION
- ← APPROXIMATE DIRECTION OF GROUNDWATER FLOW



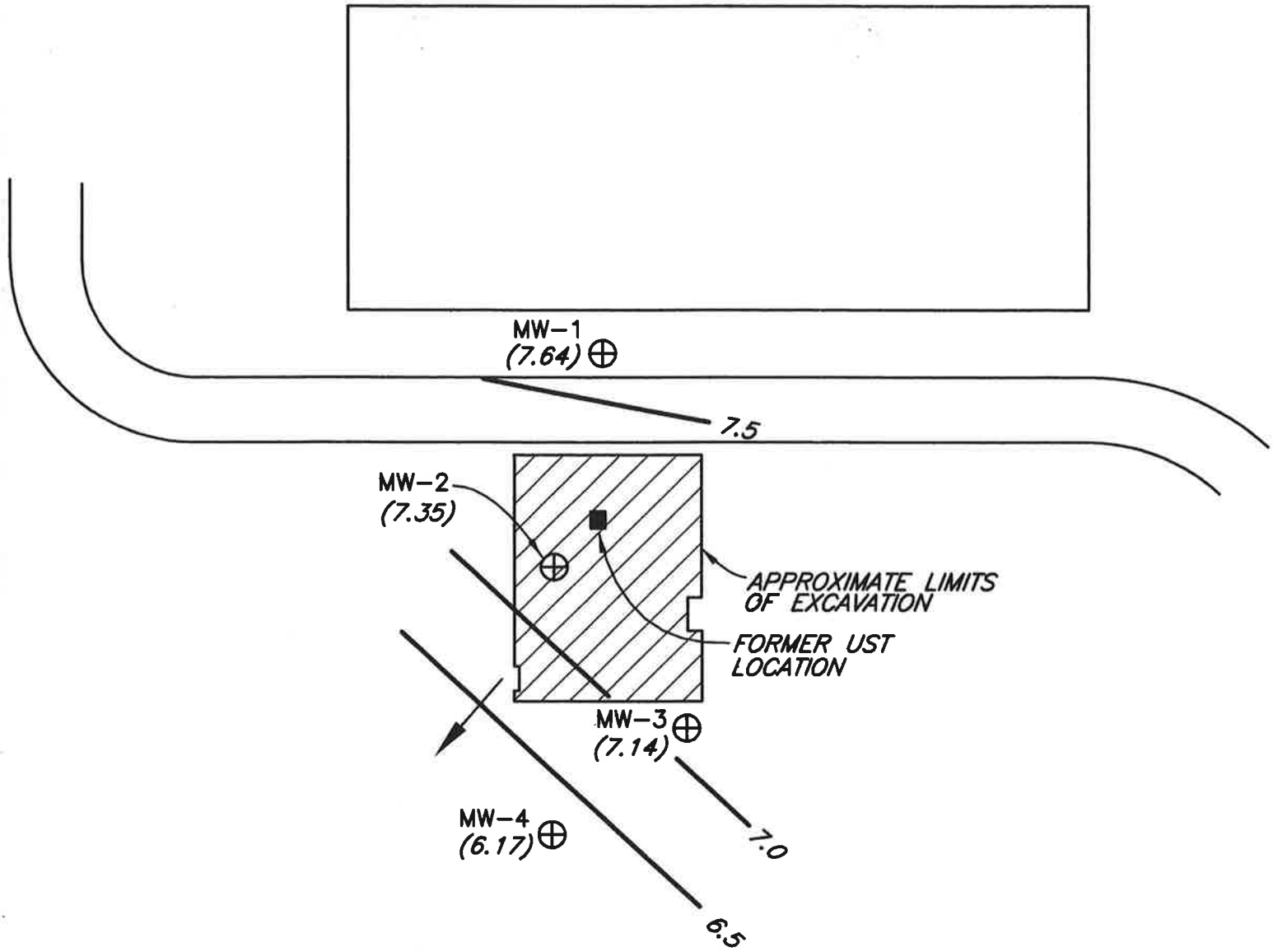
SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

GROUNDWATER CONTOURS SEPTEMBER 21, 2000

SHN 099136
OCTOBER, 2000

FIGURE 3

I:/FINICAD/1999/099136/099136-GWC-SEPT-2000



EXPLANATION

- ⊕ MONITORING WELL LOCATION AND DESIGNATION
- (7.64) GROUNDWATER ELEVATION IN FEET ABOVE MSL
- 6.5 — CONTOUR OF EQUAL GROUNDWATER ELEVATION
- ← APPROXIMATE DIRECTION OF GROUNDWATER FLOW



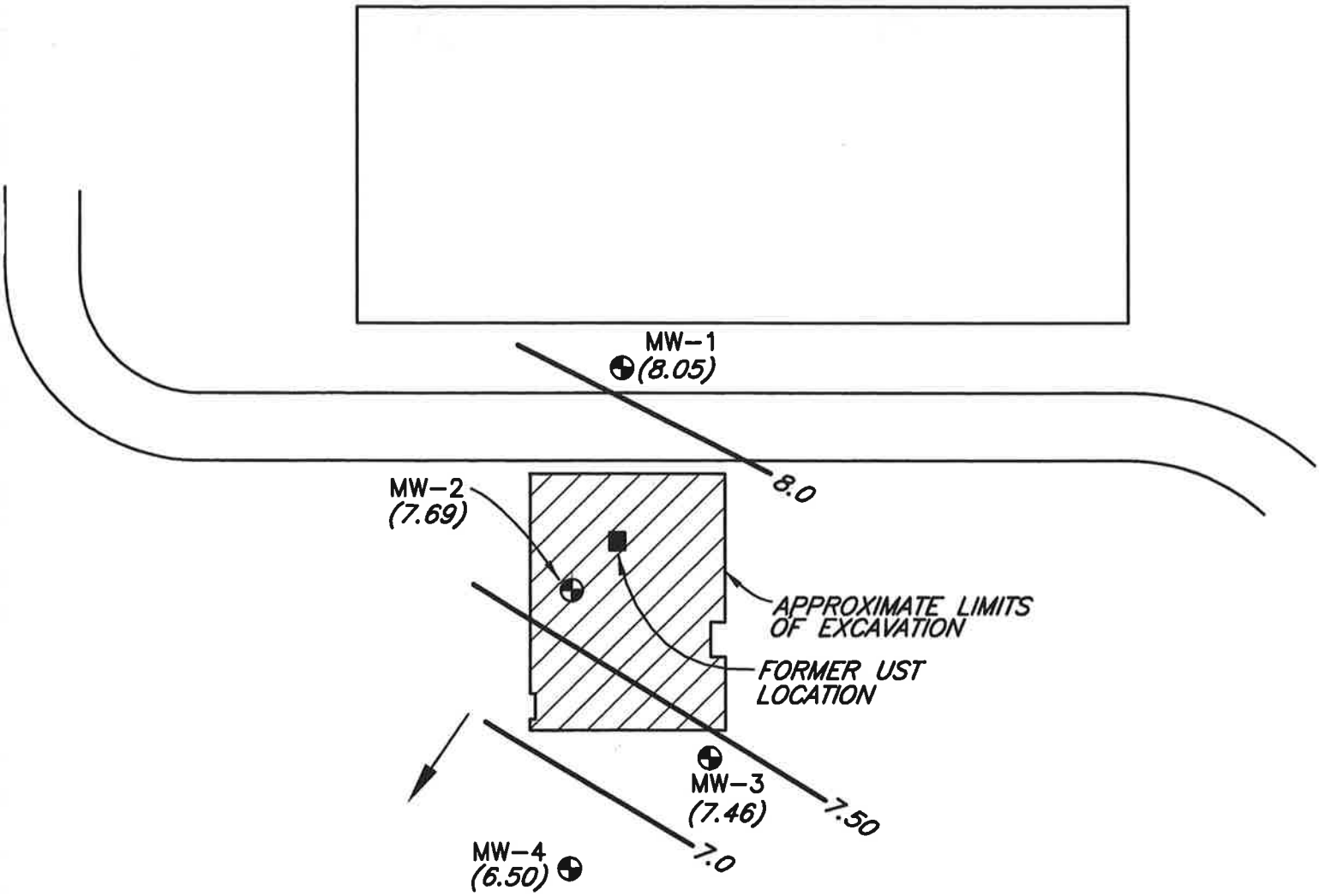
SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

GROUNDWATER CONTOURS DECEMBER 6, 2000

SHN 099136
DECEMBER, 2000

FIGURE 3

I:/FINICAD/1999/099136/099136-GWC-DEC-2000



EXPLANATION

- MONITORING WELL LOCATION AND DESIGNATION
- (6.50) GROUNDWATER ELEVATION IN FEET ABOVE MSL
- 7.0 CONTOUR OF EQUAL GROUNDWATER ELEVATION
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW



SIMPSON SAMOA CORPORATION
UST INVESTIGATION
SAMOA, CALIFORNIA

GROUNDWATER CONTOURS MARCH 7, 2001

SHN 099136
APRIL, 2001

FIGURE 5

I://1999/099136/099136-GWC-MAR-2001

TABLE D1
UST REMOVAL SOIL AND GROUNDWATER ANALYTICAL RESULTS
SIMPSON SAMOA CORPORATION, SAMOA, CA
(SOIL IN UG/G, WATER IN UG/L)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]	TB[4]	M[5]	ETH[6]	LEAD[7]
Soil											
ES-1	07/12/99	990	3.1	<8.0[8]	8.3	1.6	<5.0	NA[9]	NA	NA	18
ES-2	07/12/99	760	0.0085	0.0063	<0.005	0.16	<0.005	0.017	<0.20	0.22	NA
Water											
W-1	07/12/99	17,000	2,300	64	550	67	<5.0	<50	870	<50	NA

1) TPHG: Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX: Benzene, toluene, ethylbenzene, and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE: Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) TB: Tert-butanol, analyzed in accordance with EPA Method No. 8260B.
5) M: Methanol, analyzed in accordance with EPA Method No. 8260B.
6) ETH: Ethanol, analyzed in accordance with EPA Method No. 8260B.
7) Lead: Analyzed in accordance with EPA Method No. 200.9, reported in micrograms per gram.
8) "<" denotes "less than."
9) NA: Not analyzed.

TABLE D2
PRELIMINARY SITE INVESTIGATION SOIL AND GROUNDWATER ANALYTICAL RESULTS
SIMPSON SAMOA CORPORATION, SAMOA, CA
(Soil in ug/g, Water in ug/L)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]	M[4]
Soil								
WP-1(3-3.5)	11/08/99	<1.0[5]	<0.005	<0.005	<0.005	<0.005	<0.05	NA[6]
WP-2(3)	11/08/99	**4,000**	**19**	<50	<80	<20	<20	NA
WP-3(3-4)	11/08/99	**15**	**0.032**	<0.060	<0.020	<0.020	<0.05	NA
WP-4(3.5)	11/08/99	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
WP-5(2-2.5)	11/08/99	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
WP-6(4)	11/08/99	<1.0	<0.005	0.0064	<0.005	**0.0091**	<0.05	NA
WP-7(1.2-2.2)	11/08/99	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
WP-8(3-3.2)	11/08/99	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
Water								
WP-1	11/08/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	**65**
WP-2	11/08/99	**460,000**	**5,900**	**200**	**2,000**	**820**	<50	<5,000
WP-3	11/08/99	**1,200**	**8.7**	**5.0**	**2.3**	**1.8**	<0.50	<50
WP-4	11/08/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50
WP-5	11/08/99	**2,900**	**0.85**	**0.70**	<0.50	**0.69**	<0.50	**140**
WP-6	11/08/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50
WP-7	11/08/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50

1) TPHG: Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX: Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE: Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) M: Methanol, analyzed in accordance with EPA Method No. 8260B.
5) "<": Denotes "less than."
6) NA: Not analyzed.

TABLE D3
SOIL ANALYTICAL RESULTS
EXCAVATION SIDEWALL AND FLOOR SAMPLES
SIMPSON SAMOA CORPORATION, SAMOA, CA
(in ug/g)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]
1	2/03/00	<1.0[4]	<0.005	<0.005	<0.005	<0.005	<0.05
2	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
3	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
4	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
5	2/03/00	4.2	<0.005	<0.005	<0.005	<0.010	<0.05
6	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
7	2/03/00	1.0	0.009	<0.005	<0.005	0.0072	<0.05
8	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
BN	2/03/00	1.1	<0.005	<0.005	<0.005	<0.005	<0.05
BS	2/03/00	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
BE	2/03/00	<1.0	<0.005	<0.005	<0.005	0.0083	<0.05

1) TPHG: Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX: Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE: Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) "<" denotes "less than."

TABLE D4
SOIL ANALYTICAL RESULTS MONITORING WELL INSTALLATION,
SIMPSON SAMOA CORPORATION, SAMOA, CA
(in ug/g)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	B[2]	T[2]	E[2]	X[2]	MTBE[3]
Soil							
MW-1 2.0	05/11/00	<1.0[4]	<0.005	<0.005	<0.005	<0.005	<0.050
MW-2 5.0	05/11/00	5.1	0.57	0.042	0.019	0.042	<0.050
MW-3 4.0	05/11/00	<1.0	0.0061	0.0061	<0.005	<0.005	<0.050
MW-4 3.5	05/11/00	<1.0	<0.005	0.0054	<0.005	0.0062	<0.050

1) TPHG: Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) BTEX: Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
3) MTBE: Methyl tert butyl ether, analyzed in accordance with EPA Method No. 8020.
4) "<" denotes "less than."

TABLE D5
HISTORICAL PETROLEUM HYDROCARBON GROUNDWATER ANALYTICAL RESULTS
QUARTERLY SAMPLING
SIMPSON SAMOA CORPORATION, SAMOA, CA
(in ug/L)

SAMPLE LOCATION	SAMPLE DATE	TPHG[1]	TPHD[2]	TPMO[3]	TPHC[4]	B[5]	T[5]	E[5]	X[5]	MTBE[6]	M[7]
MW-1	06/08/00	<50[8]	NS[9]	NS	NS	<0.50	<0.50	<0.50	<0.50	NS	**290**
	9/21/00	<50	<50	<170	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	12/06/00	<50	<50	<170	**420**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	3/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	9/6/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<5,000
MW-2	06/08/00	<50	NS	NS	NS	**2.9**	<0.50	<0.50	<0.50	NS	<50
	9/21/00	<50	<50	<170	NS	**1.5**	<0.50	<0.50	<0.50	<0.50	<50
	12/06/00	<50	<50	<170	**400**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	3/7/01	<50	<50	<170	**440**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	9/6/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<5,000
MW-3	06/08/00	<50	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	NS	**470**
	9/21/00	**15,000**	**53**	**400**	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	12/06/00	<50	<50	<170	**1,100**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	3/7/01	<50	<50	<170	**910**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	9/6/01	<50	<50	<170	**360**	<0.50	<0.50	<0.50	<0.50	<0.50	<5,000
MW-4	06/08/00	<50	NS	NS	NS	<0.50	<0.50	<0.50	<0.50	NS	<50
	9/21/00	<50	<50	<170	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	12/06/00	<50	<50	<170	**460**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	3/7/01	<50	<50	<170	**360**	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	6/7/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	9/6/01	<50	<50	<170	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<5,000

1) TPHG: Total petroleum hydrocarbons as gasoline, analyzed in accordance with EPA Method No. 5030.
2) TPHD: Total petroleum hydrocarbons as diesel, analyzed in accordance with EPA Method No. 5030.
3) TPMO: Total petroleum hydrocarbons as motor oil, analyzed in accordance with EPA Method No. 5030.
4) TPHC: Total Petroleum hydrocarbons as Bunker C, analyzed in accordance with EPA 8015M
5) BTEX: Benzene, toluene, ethylbenzene and total xylenes were analyzed for in accordance with EPA Method No. 8020 or 8260B.
6) MTBE= Methyl tertiary-Butyl Ether
7) M: Methanol, analyzed in accordance with EPA Method No. 8260B. No other fuel oxygenates were detected using this method.
8) "<" denotes "less than."
9) NS: Not Sampled.

TABLE D6
BIODEGRADATION INDICATOR GROUNDWATER ANALYTICAL RESULTS
SIMPSON SAMOA CORPORATION, SAMOA, CA

SAMPLE LOCATION	SAMPLE DATE	NITRATE[1] (mg/L)	SULFATE[2] (mg/L)	IRON[3] (ug/L)	MANGANESE[4] (ug/L)	METHANE[5] (ug/ml)
MW-1	06/08/00	<0.10[6]	**8.7**	**130**	**68**	NS[7]
	9/21/00	<0.10	**6.0**	**510**	**98**	**907**
	12/06/00	<0.10	**8.3**	**670**	**100**	**4.1**
	3/7/01	<0.10	**15**	**1,400**	**87**	**5.0**
MW-2	06/08/00	<0.10	**6.0**	**110**	**49**	NS
	9/21/00	<0.10	**4.0**	**170**	**48**	**14.3**
	12/06/00	<0.10	**3.6**	**200**	**38**	**0.88**
	3/7/01	NS	NS	NS	NS	NS
MW-3	06/08/00	<0.10	**4.8**	<100	**15**	NS
	9/21/00	<0.10	**5.9**	**130**	**33**	**44.7**
	12/06/00	<0.10	**6.4**	<100	**40**	**0.11**
	3/7/01	<0.10	**6.8**	<100	**59**	**0.33**
MW-4	06/08/00	<0.10	**8.7**	<100	**190**	NS
	9/21/00	<0.10	**3.9**	<100	**87**	**1.120**
	12/06/00	<0.10	**4.5**	<100	**95**	**2.6**
	3/7/01	<0.10	**2.9**	<100	**160**	**4.6**

1) Nitrate, analyzed in accordance with EPA Method No. 300.0.
2) Sulfate, analyzed in accordance with EPA Method No. 300.0.
3) Iron (dissolved), analyzed in accordance with EPA Method No. 200.7.
4) Manganese (dissolved), analyzed in accordance with EPA Method No. 200.7.
5) Methane (dissolved), analyzed in accordance with Modified RSK-125.
6) "<" denotes "less than."
7) NS: Not Sampled

TABLE D7
HISTORICAL GROUNDWATER ELEVATION DATA
SIMPSON SAMOA CORPORATION, SAMOA, CA

SAMPLE LOCATION	SAMPLE DATE	DEPTH TO WATER[1] (ft)	WELL ELEVATION[2] (ft msl)	WATER LEVEL ELEVATION[3] (ft msl)
MW-1	6/8/00	2.00	10.28	8.28
	9/21/00	2.71		7.57
	12/06/00	2.64		7.64
	1/5/01	2.71		7.57
	2/5/01	2.38		7.90
	3/7/01	2.23		8.05
	5/7/01	2.75		7.53
	6/7/01	2.94		7.34
	7/16/01	3.12		7.16
	8/6/01	3.22		7.06
	9/6/01	3.35		6.93
MW-2	6/8/00	2.80	10.40	7.60
	9/21/00	3.19		7.21
	12/06/00	3.05		7.35
	1/5/01	3.09		7.31

TABLE D7
HISTORICAL GROUNDWATER ELEVATION DATA
SIMPSON SAMOA CORPORATION, SAMOA, CA

SAMPLE LOCATION	SAMPLE DATE	DEPTH TO WATER[1] (ft)	WELL ELEVATION[2] (ft msl)	WATER LEVEL ELEVATION[3] (ft msl)
MW-2 continued	2/5/01	2.76		7.64
	3/7/01	2.71		7.69
	5/7/01	3.30		7.10
	6/7/01	3.48		6.92
	7/16/01	3.59		6.81
	8/6/01	3.70		6.70
	9/6/01	3.80		6.60
MW-3	6/8/00	2.71	9.95	7.24
	9/21/00	3.02		6.93
	12/06/00	2.81		7.14
	1/5/01	2.86		7.09
	2/5/01	2.59		7.36
	3/7/01	2.49		7.46
	5/7/01	3.04		6.91
	6/7/01	3.14		6.64
	7/16/01	3.54		6.41
	8/6/01	3.52		6.43
	9/6/01	3.59		6.36
MW-4	6/8/00	4.78	11.08	6.30
	9/21/00	5.01		6.07
	12/06/00	4.91		6.17
	1/5/01	4.97		6.11
	2/5/01	4.80		6.28
	3/7/01	4.58		6.50
	5/7/01	5.01		6.07
	6/7/01	5.11		5.97
	7/16/01	5.15		5.93
	8/6/01	5.14		5.94
	9/6/01	5.22		5.86

1) Depth to water measured in feet below top of casing.
2) Top of casing elevation in feet above mean sea level
3) Groundwater elevation in feet above mean sea level.

TABLE D8
HISTORICAL TEMPERATURE, DO, DCO_2, AND ORP MEASUREMENT RESULTS
SIMPSON SAMOA, SIMPSON SAMOA, CALIFORNIA

SAMPLE LOCATION	SAMPLE DATE	DO[1] (ppm)[4]	DCO_2 [2] (ppm)	ORP[3] (mV)[5]
MW-1	9/21/00	0.61	30	-15
	12/06/00	0.69	30	130
	3/7/01	0.67	25	15
	6/7/01	0.10	25	26
	9/6/01	0.64	30	139
MW-2	9/21/00	0.51	20	30
	12/06/00	0.62	20	135
	3/7/01	0.41	20	26
	6/7/01	0.08	30	23
	9/6/01	0.27	25	119
MW-3	9/21/00	0.52	30	25
	12/06/00	0.65	20	113
	3/7/01	0.49	25	39
	6/7/01	0.09	25	-19
	9/6/01	0.12	20	114
MW-4	9/21/00	0.56	30	-25
	12/06/00	0.73	20	140
	3/7/01	0.57	25	25
	6/7/01	0.24	25	-0.05
	9/6/01	0.13	20	122

1) DO: Dissolved oxygen, field measured using portable instrumentation.
2) DCO_2: Dissolved carbon dioxide, field measured using a field test kit.
3) ORP: Oxidation/reduction potential measured using portable instrumentation.
4) ppm: Measurement concentration, in parts per million.
5) mV: millivolts

INFORMATION REQUIRED FOR A SITE CLOSURE REQUEST

In a memorandum dated April 4, 1996, the HCDEH outlined information useful for the process of considering a site for closure. Presented below is the information outlined in the April 4, 1996 memorandum. The information is presented in bullet format, with the information request in *italics,* followed by the requested information. The intent of this information summary is to facilitate the closure process.

- *How many and of what sizes were the tank?.*
  One 1,000-gallon underground storage tank (UST) was used at the site.

- *When were the tanks installed and what did the tanks store?*
  The UST installation date is unknown. The UST was used to store gasoline.

- *How much soil was excavated and stockpiled and where was the soil stockpiled?*
  1,447 tons of soil was excavated from the site during two excavation events. The soil was transported to TPS Technologies, a soil recycling center in Richmond, California for disposal.

- *How much/many tanks, piping, free product, soil, groundwater and barrels was/were disposed?*
  The UST and associated piping was disposed of. Any free product or rinseate generated during the cleaning of the tank was disposed of. All soil was transported to TPS Technologies, a soil recycling center in Richmond, California. Groundwater generated during groundwater monitoring was properly disposed of as documented in the quarterly groundwater monitoring reports.

- *Describe evidence of leakage that was present (i.e. what was the soil and/or groundwater contaminant concentrations in the excavation and stockpiled soil?*
  TPHG concentrations as high as 990 micrograms per gram (ug/g) in soil, and 17,000 micrograms per liter (ug/L) in water were found in soil and groundwater, respectively, collected from the UST pit after the UST had been removed. Concentrations as high as 4,000 ug/g in soil and 460,000 ug/L in groundwater were found in soil and groundwater samples collected during the preliminary site investigation in conducted at the site in November 1999. Historical analytical tables are presented in Appendix C.

- *Briefly address and describe the geological and hydrological profile of the site.*
  Soil samples collected from borings at various locations around the site have indicated the presence of fine grained sand with minor silt, that is overlain by gravely and sandy fill material in some areas.

  Periodic groundwater monitoring of the site have shown that groundwater flows in a southwesterly direction with a gradient beneath the site that is very shallow, ranging from 0.007 ft/ft and 0.016 ft/ft.

- *How many soil borings and monitoring wells were installed?*
  A total of 12 borings were drilled and sampled at the site. Four of the borings were converted in to groundwater monitoring wells.

- *Briefly outline the results of all of the sampling and monitoring regimes conducted at the site (include tables and figures).*

The extents of both petroleum hydrocarbon-impacted soil and groundwater have been defined through the site investigation and remediation activities conducted at the site to date. The information collected to date have demonstrated that groundwater beneath the site is no longer being impacted by petroleum hydrocarbons. TPHG, TPHD, TPHMO and BTEX have not been detected in any groundwater samples collected from site wells after the September 2000 sampling event. Only Bunker C oil (TPHC) related petroleum hydrocarbon compounds have been found in groundwater samples collected since t he September 2000 monitoring event, however, it appears that the TPHC material found in groundwater may actually be related to sediment suspended in the groundwater samples collected from site wells. Historical soil and groundwater analytical results are presented in Appendix C.

- *Include a site map delineating all former tank, monitoring wells, and soil boring locations as well as any other pertinent features.*

See attached figure.

- *Briefly describe any remedial action taken at the site.*

The UST was removed from the site in July 1999, removing the petroleum hydrocarbon source from the site.

1,447 tons of petroleum hydrocarbon-impacted soil was removed from the site by excavation in July and November 1999.

- *What were the maximum and minimum contaminant concentrations in soil and groundwater before and after cleanup?*

Before cleanup: TPHG soil concentrations ranged from less than the detection limit (<1.0 ug/g) to 4,000 ug/g. TPHG concentrations in groundwater ranged from less than the detection limit (<50 ug/L) to 460,000 ug/L.

After cleanup: TPHG soil concentrations ranged from less than the detection limit to 4.2 ug/g. Petroleum hydrocarbons (except Bunker C) have not been detected in any site wells during monitoring events conducted in December 2000, March 2001 or June 2001.

- *Delineate the extent of soil and groundwater contamination, if any, and demonstrate that the contaminant plume is both contained and stable.*

The extent of soil contamination was defined by borings WP-1, WP-5, WP-6, WP-7 and WP-8. The extent of groundwater contamination was defined by well points WP-1, WP-4, WP-6, and WP-7, and monitoring wells MW-1, MW-2, MW-3 and MW-4.

- *Satisfy that source removal (i.e. contaminated soil, tank system, free product etc.) has occurred to the extent practical (in accordance with the State Water Resources Control Board guidelines and the NCRWQCB Basin Plan).*

The UST and all associated piping was removed from the site in July 1999, removing the petroleum hydrocarbon source from the site.

All source area contaminated soil was removed from the site by excavation in July and November 1999. Soil samples collected from the sidewalls, and from the base of the excavations showed that the source area contaminated soil had been removed. All that remained were low level residual contaminant levels.

The extents of both petroleum hydrocarbon-impacted soil and groundwater have been defined through the site investigation/remediation conducted at the site to date. Periodic groundwater monitoring has demonstrated that water quality objectives have been met. Petroleum hydrocarbon concentrations in groundwater samples collected from monitoring wells MW-1, MW-2, MW-3 and MW-4 have shown a continued decreasing concentration trend, with no detectable petroleum hydrocarbon concentrations during the three most recent monitoring events.

- *Address the presence of residual contaminant plume/s*

Residual petroleum hydrocarbon-impacted soil may still remain as shown by low level TPHG concentrations. The highest TPHG concentration found in the confirmation soil samples was 4.2 ug/g. The highest TPHG concentration found in soil prior to the conduct of any excavation work was 4,000 ug/g in boring WP-2.

The extent of the petroleum hydrocarbon plume in groundwater appears to have diminished as demonstrated by the three most recent analytical results of groundwater samples collected from monitoring wells MW-1, MW-2, MW-3 and MW-4. Petroleum hydrocarbons were not found in these wells during the last three sampling events.

- *Address the presence of local domestic wells (potable and non-potable) and other sensitive receptors located within 250 feet of the site (i.e. trenches, streams, ponds, wetlands etc.).*

There are no known sensitive receptors within 250 feet of the former UST location.

- *Where applicable briefly address possible conduits to sensitive receptors greater than 250 feet away (i.e. storm drains, sewers etc.).*

The only sensitive receptor is Humboldt Bay, located approximately 300 feet from t he former UST location. There may be drainage ditches that divert storm water runoff towards Humboldt Bay. There are no known potential subsurface conduits to sensitive receptors greater than 250 feet away.

REC'D DEC 18 2002

California Regional Water Quality Control Board
North Coast Region
William R. Massey, Chairman

ston H. Hickox
Secretary for Environmental Protection

Gray Davis
Governor

Internet Address: http://www.swrcb.ca.gov/rwqcb1/
5550 Skylane Boulevard, Suite A, Santa Rosa, California 95403
Phone 1-887-721-9203 Office (707) 576-2220 FAX (707) 523-0135

December 16, 2002

Mr. Bob Stone
Humboldt County Department of Health
Division of Environmental Health
100 H Street, Suite 100
Eureka, CA 95501

Dear Mr. Stone:

Subject: **Site Closure**

File: Simpson Samoa Wood Mill, 1 Jim Smith Avenue, Samoa, California
Case No. 1THU719, LOP No. 12719

I received the letter dated November 13, 2002 requesting concurrence with case closure. Based on the information contained in the letter and file I concur with closure of the subject underground storage tank site.

Sincerely,

Kasey Ashley

Kasey Ashley
Engineering Geologist, RG

KA: tmk/kasimpwood

cc: Frans Lowman, SHN Consulting Engineers and Geologists, 812 West Wabash, Eureka, CA 95501-2138
Rob Ricci, Simpson Timber Company, P.O. Box 1089, Arcata, CA 95518-1089
Pontini Estate, Attn: Sue Pontini, Executrix, c/o Fred Pontini, 4815 Fieldbrook Road, Arcata, CA 95501
Pontini Estate, Attn: Ron Pontini, 2143 Golf Course Drive, Bayside, CA 95524

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California Environmental Protection Agency

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☐ NPQ ☐ RSG ☐ EJL

Reference: 099136.600

June 11, 2002

Ms. Kasey Ashley
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Blvd, Suite A
Santa Rosa, CA 95403

SUBJECT: SECOND QUARTER 2002 MONITORING REPORT AND REQUEST FOR CLOSURE, SAMOA WOOD MILL FORMER PENTACHLOROPHENOL APPLICATION AREA, SIMPSON SAMOA CORPORATION, SAMOA, CALIFORNIA; RWQCB CASE NO. 1NHU764

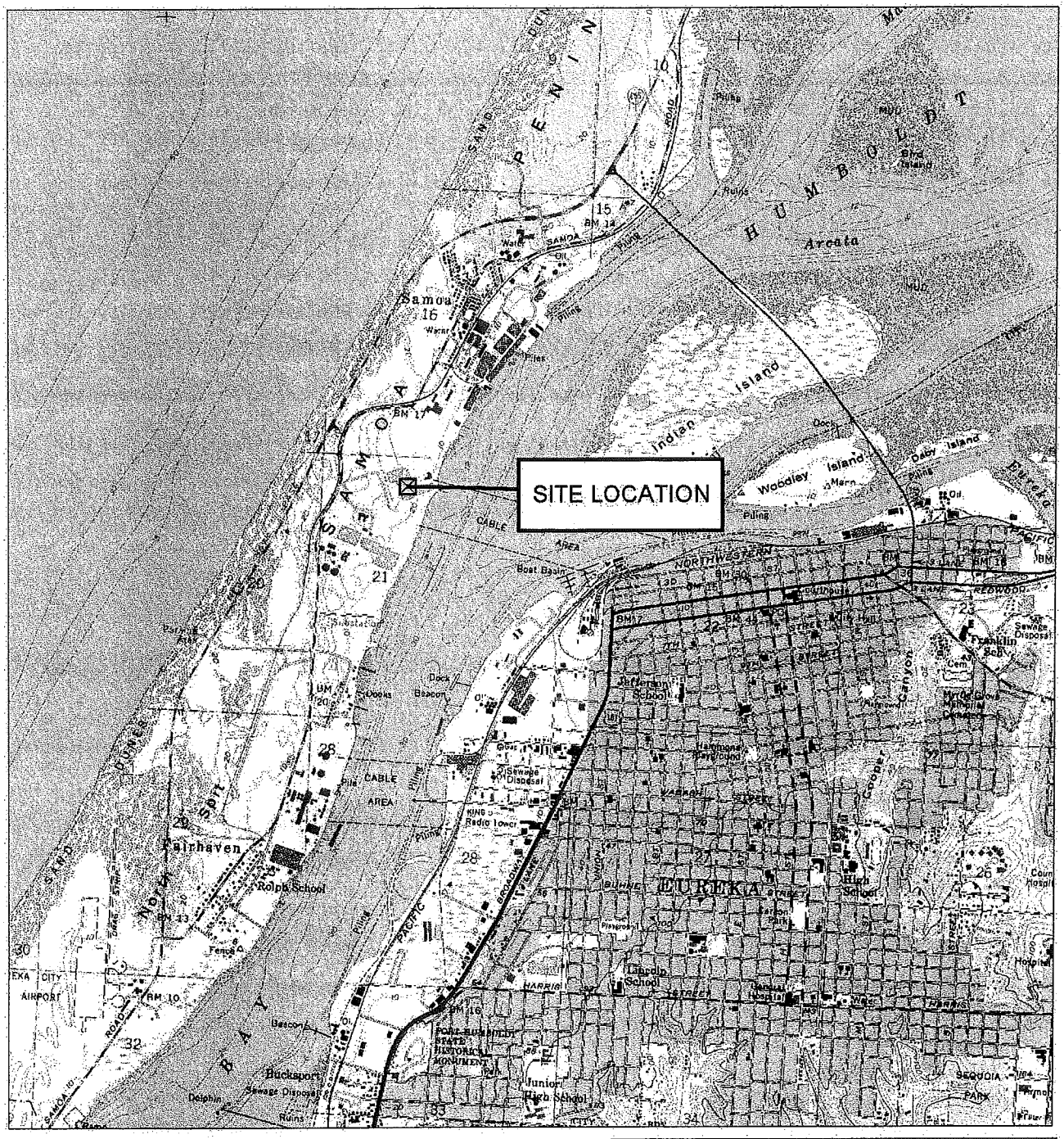
Dear Ms. Ashley:

SHN Consulting Engineers & Geologists, Inc. (SHN) is submitting this quarterly groundwater monitoring report, second quarter 2002, conducted at the former pentachlorophenol (PCP) application area of the Simpson Samoa Corporation Wood Mill, located in Samoa, (Humboldt County), California (Figure 1). SHN conducted the monitoring event on May 28, 2002, in accordance with the California Regional Water Quality Control Board, North Coast Region (RWQCB) Monitoring and Reporting Program No. R1-2002-0034.

BACKGROUND

Simpson Samoa Corporation (SSC) has performed an aggressive remedial action program to address contamination resulting from the application of PCP to lumber as a wood preservative. The PCP was applied utilizing a spray application system. It appears that PCP had migrated through existing seams and cracks in the concrete floor to soils beneath the floor. In May 2000, approximately 40 cubic yards of PCP-stained concrete were removed from the former wood treatment area and stockpiled on site. During the week of March 12, 2001, the PCP-stained concrete was transported to Chem Waste, a Class I landfill located in Kettleman Hills, California, for disposal. Following the concrete removal, samples were collected from the exposed soil. Analytical results of the soil samples collected revealed the presence of PCP at concentrations as high as 8.0 micrograms per gram (ug/g).

In March 2001, SHN supervised the excavation of approximately 120 cubic yards of soil from the exposed area beneath the former concrete floor. Soil was excavated to a depth of approximately five feet below the ground surface (BGS); however, one area was excavated to a depth of approximately 10 feet BGS, where the highest PCP concentration was detected during the initial sampling event. The excavation was terminated at 10 feet BGS due to the presence of groundwater.



SOURCE: EUREKA USGS 7.5 MINUTE QUADRANGLE



QUADRANGLE LOCATION

N

not to scale

SIMPSON SAMOA CORPORATION
WOOD MILL PCP INVESTIGATION
SAMOA, CALIFORNIA

SITE LOCATION MAP

SHN 099136.600

SHN

FIGURE 1

simpson-woodmill-site

Once the soil removal activities were completed, soil samples were collected from the sidewalls and floor of the excavation, and submitted to an analytical laboratory for chemical analysis.

Four soil samples were collected from the excavation sidewalls, and three soil samples were collected from the excavation floor. Each soil sample was analyzed for PCP and Tetrachlorophenol (TCP), in general accordance with the Canadian Pulp Report Method, and Total Petroleum Hydrocarbons as paint thinner (TPHPT), in general accordance with EPA Method No. 5035. TPHPT has been utilized in the past as a carrier for PCP, and as such, may be present with PCP. No detectable concentrations of PCP, TCP, or TPHPT were present in any of the excavation sidewall and floor soil samples that were submitted for laboratory analysis.

A temporary well point (WP-1) was installed through an undisturbed soil bench that was excavated, in order to collect a groundwater sample. The groundwater sample was analyzed for PCP/TCP, in general accordance with the Canadian Pulp Report Method, and TPHPT, in general accordance with EPA Method No. 5030. Both PCP and TCP were detected in the groundwater sample collected from well point WP-1, at concentrations of 270 micrograms per liter (ug/L) and 67 ug/L, respectively. TPHPT, however, was not detected in the groundwater sample collected from well point WP-1. Based on the laboratory test results from the groundwater sample, the RWQCB requested that groundwater monitoring wells be installed at the site. Soil that was excavated from the exposed area was subsequently transported offsite for disposal in December 2001.

On November 5 and 6, 2001, SHN supervised the installation of four groundwater monitoring wells (PMW-1 through PMW-4) at the former PCP application area. Groundwater samples were then collected from the wells subsequent to their development. The samples were analyzed for PCP/TCP, in general accordance with the Canadian Pulp Report Method. In addition, the groundwater sample collected from well PMW-1 was analyzed for total petroleum hydrocarbons as diesel (TPHD), in general accordance with EPA Method 3510, and dioxins and furans, in general accordance with EPA Method 8280. Laboratory analyses of the groundwater samples collected revealed no detectable concentrations of any of these constituents.

Quarterly groundwater monitoring has been conducted at the site since November 2001 in accordance with RWQCB Monitoring and Reporting Program No. R1-2002-0034.

OBJECTIVE

The objective of this monitoring program is to assess current groundwater conditions beneath the site.

SCOPE OF WORK

This scope of work is intended to meet the objective of the monitoring program. As part of the monitoring program, four groundwater monitoring wells were gauged for depth to water, purged and sampled. All work was conducted in accordance with the approved site safety plan developed for the site.

Monitoring Well Sampling

Groundwater samples were collected from four monitoring wells located within the former PCP application area on May 28, 2002. Prior to sample collection, each well was checked for free product, measured for depth to groundwater, and monitored for dissolved oxygen (DO), oxidation-reduction potential (ORP), and dissolved carbon dioxide (DCO_2). DO and ORP were measured using portable electronic instrumentation. DCO_2 was measured using a field test kit. Electrical conductivity, pH, and temperature were monitored periodically during purging activities using portable electronic instrumentation.

A groundwater sample was then collected from each well using a disposable polyethylene bailer, and transferred into laboratory-supplied bottles. The water samples were labeled, stored in an iced cooler, and transported to the laboratory under proper chain-of-custody documentation. Each groundwater sample was analyzed for PCP and TCP as discussed in the Laboratory Analysis section. The analysis was conducted under the supervision of North Coast Laboratories (NCL) located in Arcata, California. Groundwater monitoring data sheets are included in Attachment 1.

Waste Handling

Approximately 12 gallons of purge and decontamination water that was generated during the May 28, 2002, monitoring event were transported to the SHN purge water storage facility for testing and discharge, under permit, to the City of Eureka Municipal Sewer System. A copy of the purge water discharge receipt will be provided once the discharge process is complete. Attachment 2 in this report contains a discharge receipt for the approximate 13 gallons of purge water that were generated during the February 2002 monitoring event.

Equipment Decontamination Procedures

All well purging equipment was cleaned by washing with Liquinox® soap, then triple rinsed with distilled water. All water samples were collected using pre-cleaned, disposable bailers, and transferred into laboratory-supplied containers.

Laboratory Analysis

All groundwater samples were analyzed for PCP and TCP in general accordance with the Canadian Pulp Report Method.

GROUNDWATER MONITORING RESULTS

Site Hydrology

Depth to groundwater measurements were collected from each monitoring well. Groundwater elevation data are presented in Table 1. Previous groundwater monitoring data indicated that there may be some influence on the water table from tidal fluctuations in Humboldt Bay. Accordingly, depth to water measurements were collected during the approximate low tide, and approximate high tide on May 28, 2002. A review of the groundwater data collected during this monitoring event indicates there is some influence on the water table by daily tidal fluctuations in Humboldt Bay, primarily near well PMW-3. Site maps showing the groundwater configuration during each water level gauging event are shown in Figures 2 and 3. Historical groundwater elevation data are presented in Attachment 3.

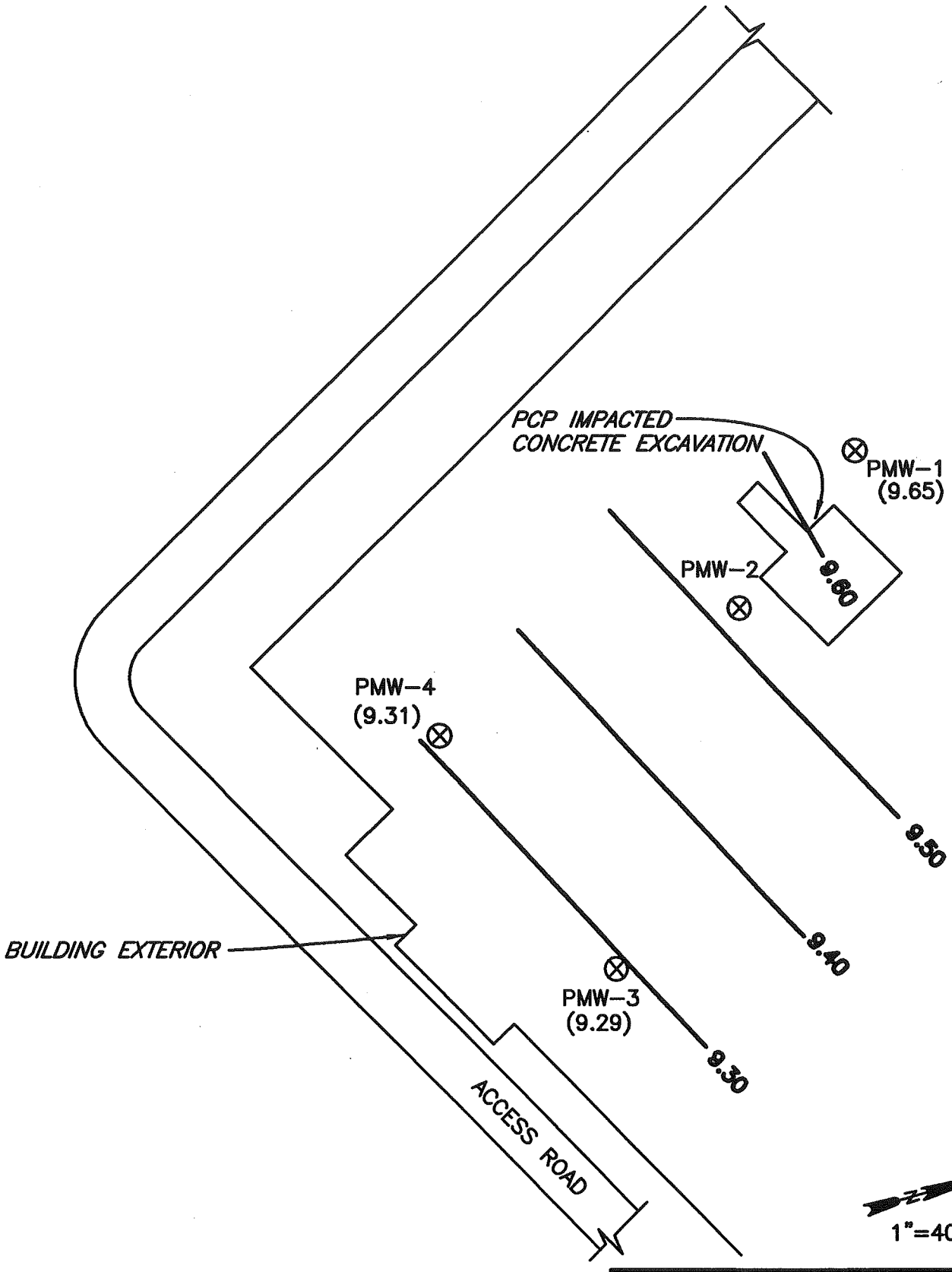
TABLE 1
GROUNDWATER ELEVATION DATA, MAY 28, 2002
SIMPSON SAMOA CORPORATION WOOD MILL
SAMOA, CALIFORNIA

WELL DESIGNATION	WELL TOC ELEVATION[1]	DEPTH TO GROUNDWATER[2]	GROUNDWATER ELEVATION[3]
PMW-1	20.00	10.35 (L)[4] 10.40 (H)[5]	9.65 9.60
PMW-2	19.85	10.55 (L) 10.60 (H)	9.30 9.25
PMW-3	19.95	10.66 (L) 10.63 (H)	9.29 9.32
PMW-4	19.90	10.59 (L) 10.61 (H)	9.31 9.29

1) Top of casing elevations estimated relative to a common datum.
2) Depth to water measured in feet below top of casing (TOC).
3) Groundwater elevation related to a common datum.
4) (L):Water level measured during approximate low tide.
5) (H): Water level measured during approximate high tide.

Groundwater Analytical Results

Groundwater analytical results are summarized in Table 2. PCP/TCP were not detected in any site well during the May 28, 2002, monitoring event. Historical analytical data are presented in Attachment 4. The complete North Coast Laboratories analytical report and corresponding chain-of-custody are included in Attachment 4.



EXPLANATION

PMW-4 ⊗ MONITORING WELL LOCATION AND DESIGNATION

(9.31) GROUNDWATAER ELEVATION

—9.30— GRIOUNDWATER CONTOUR LINE

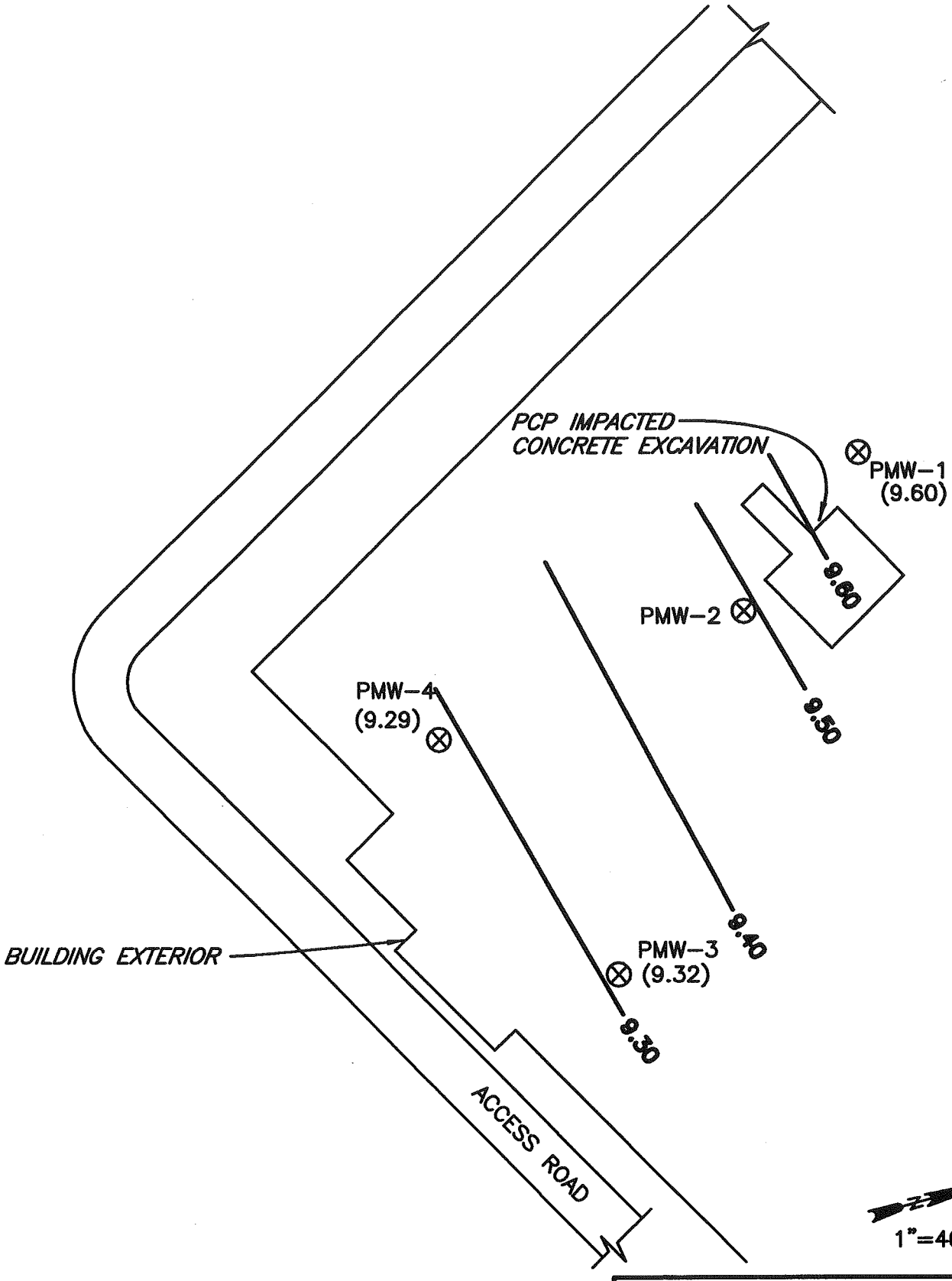
SIMPSON SAMOA CORPORATION
WOOD MILL PCP INVESTIGATION
SAMOA, CALIFORNIA

GROUNDWATER CONTOUR MAP
LOW TIDE
MAY 28, 2002

SHN 099136.600
JUNE,2002

FIGURE 2

099136.600-GWC-5-2002



EXPLANATION

PMW-4 ⊗ MONITORING WELL LOCATION AND DESIGNATION

(9.31) GROUNDWATAER ELEVATION

—9.30— GRIOUNDWATER CONTOUR LINE

SIMPSON SAMOA CORPORATION
WOOD MILL PCP INVESTIGATION
SAMOA, CALIFORNIA

GROUNDWATER CONTOUR MAP HIGH TIDE MAY 28, 2002

SHN 099136.600
JUNE,2002

FIGURE 3

099136.600-GWC-5-2002

TABLE 2
GROUNDWATER ANALYTICAL RESULTS, MAY 28, 2002
SIMPSON SAMOA CORPORATION WOOD MILL
SAMOA, CALIFORNIA
(in ug/L)

SAMPLE LOCATION	PCP[1]	TCP[1]
PMW-1	<0.30	<1.0
PMW-2	<0.30	<1.0
PMW-3	<0.30	<1.0
PMW-4	<0.30	<1.0

1) Pentachlorophenol (PCP) and Tetrachlorophenol (TCP) analyzed in general accordance with the Canadian Pulp Report Method.

DO, DCO_2, and ORP Monitoring

DO, DCO_2, and ORP were measured in each groundwater monitoring well before sampling, and the measurement results are presented in Table 3. DO concentrations ranged from 1.12 parts per million (ppm) in well PMW-1, to 1.89 ppm in well PMW-2, and are sufficient to support biodegradation. ORP measurements ranged from 119 millivolts (mV) in well PMW-2, to 189 mV in well PMW-4, indicating that aerobic conditions are present in groundwater beneath the site. DCO_2 concentrations ranged from 25 ppm in well PMW-2, to 40 ppm in well PMW-1.

TABLE 3
TEMPERATURE, DO, DCO_2, AND ORP MEASUREMENT RESULTS, MAY 28, 2002
SIMPSON SAMOA CORPORATION WOOD MILL
SAMOA, CALIFORNIA

SAMPLE LOCATION	TEMPERATURE (^{0}F)[1]	DO[2] (ppm)[3]	DCO_2[4] (ppm)	ORP[5] (mV)[6]
PMW-1	58.0	1.12	40	188
PMW-2	57.7	1.89	25	119
PMW-3	58.2	1.25	30	174
PMW-4	59.1	1.38	35	189

1) ^{0}F: Temperature measured in degrees Fahrenheit.
2) DO: Dissolved oxygen, field measured using portable instrumentation.
3) ppm: Measurement concentration, in parts per million.
4) DCO_2: Dissolved carbon dioxide, measured using a field test kit.
5) ORP: Oxidation/reduction potential measured using portable instrumentation.
6) mV: millivolts

CONCLUSIONS AND RECOMMENDATIONS

No detectable concentrations of PCP or TCP were present in water samples that were collected from the existing wells located in the former PCP application area during this monitoring event. Groundwater continues to flow in a southerly direction and appears to be influenced by tidal fluctuations in Humboldt Bay.

PCP and TCP have not been detected in any of the site monitoring wells since quarterly groundwater monitoring was implemented in November 2001. Soil impacted with PCP/TCP was excavated and disposed offsite. Prior to backfilling the excavation, soil samples were collected from the sidewalls and base of the excavation. No detectable concentrations of PCP, TCP were present in any of the excavation sidewall and floor soil samples that were submitted for laboratory analysis.

Groundwater monitoring data collected to date indicates that the soil excavation program was successful in removing PCP/TCP material that had impacted soils beneath the former application area. No sensitive receptors appear to have been impacted. Based on the information collected to date, SHN recommends that the site be considered for closure. No further activities will take place at the site until a response to this request is received.

If you have any questions regarding the work completed, please call John Aveggio or me at 707/441-8855.

Sincerely,

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.



Frans B. Lowman, R.G.
Project Manager

FBL/SLD:lms
Attachments:
1. Field Data Sheets
2. Discharge Receipt
3. Historical Data
4. Laboratory Analytical Reports

c w/ attach: HCDEH
Mr. Rob Ricci- Simpson Samoa Corporation

ATTACHMENT 1

FIELD DATA SHEETS

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash * Eureka, CA 95501-2138 * 707/441-8855 * FAX: 707/441-8877 * shninfo@shn-engr.com

DAILY FIELD REPORT

Job No. 099136.600

Page of

Project Name: Simpson Samoa Wood Mill	Client/Owner: Simpson	Daily Field Report Sequence No	
General Location Of Work	Owner/Client Representative: Simpson	Date: 5/28/02	Day Of Week: Tue.
General Contractor	Grading Contractor	Project Engineer: Frans Lowman	
Type Of Work: Quarterly Sampling	Grading Contractor, Superintendent, Or Foreman	Supervisor	
Source & Description Of Fill Material	Weather: Partly Cloudy	Technician: Dustin Tibbets	
	Key Persons Contacted (Civil Engr, Architect, Developer, Etc)		

Describe Equipment Used For Hauling, Spreading, Watering, Conditioning, & Compacting

0900 On site / Began taking water levels.
0928 Began taking DT water levels DO readings.
1008 Began purging MW-2 with a dispassable bailer. All purge water was caugth in 5 gal. buckets.
1035 Sampled MW-2 with its dispassable bailer. Lock up well. MW-2.
1045 Began purging MW-3 with a dispassable bailer. All purge water was caugth in 5 gal buckets.
1110 Sampled MW-3 with its dispassable bailer. MW-3
1120 Began purging MW-4 with a dispassable bailer. All purge water was caugth in 5 gal buckets.
1145 Sampled MW-4 with its dispassable bailer MW-4
1158 Began purging MW-1 with a dispassable bailer. All purge water was caugth in 5 gal buckets.
1220 Sampled MW-1 with its dispassable bailer. MW-1
1230 Cleaned and loaded up.
1248 Off site to Lab.
1510 Back on site to take high tide water levels
1545 Lock up all wells
1548 Off site.

Copy given to:

Reported By: Dustin Tibbets

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash * Eureka, CA 95501-2138 * 707/441-8855 * FAX: 707/441-8877 * shninfo@shn-engr.com

GROUNDWATER ELEVATIONS

JOB NO.: 099136.600 NAME: Dustin Tibbetts

CLIENT: Simpson Samoa Wood Mill DATE: 5/28/02

LOCATION: WEATHER: Partly Cloudy

WELL NO.	TIME OF READING	MEAS. OF ELEVATION	DEPTH TO WATER IN FT.	WATER SUR. ELEVATION
MW-1	0918	20.00	10.35	9.65
MW-2	0910	19.85	10.55	9.30
MW-3	0913	19.95	10.66	9.29
MW-4	0915	19.90	10.59	9.31
MW-1	1544	20.00	10.40	9.60
MW-2	1535	19.85	10.60	9.25
MW-3	1537	19.95	10.63	9.32
MW-4	1541	19.90	10.61	9.29

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • Tel: 707/441-8855 • FAX: 707/441-8877 • E-mail: shninfo@shn-engr.com

FIELD SAMPLING LOG

Project #:	099136.600	Date:	5/28/02
Client:	Simpson Samoa Wood Mill	Sampler:	Dustin Tibbets
Well No.:	MW-2	Water Elevation	
Total Depth:	14.98	Depth To Water	10.55
Ht Of Water Column:	4.43	x (0.16) = Casing Volume	.71 x 3 = 2.13

CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
	1.89		13.5	0940	0 gal			
25		119		1016	.25 gal			
				1018	.75 gal	499	59.2°	6.70
				1021	1.5 gal	492	57.9°	6.64
				1024	2.25 gal	483	57.7°	6.69
	No Flow Through Cell							

TOTAL 2.25 gal.
Initial Water Volume .75 gal.

Sampling Equipment: Disposable Bailer
Sample Time: 1035 MW-2
Sample Analysis:
Laboratory: NCL
Remarks:

Recharged to 10.58 at sample time.

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FIELD SAMPLING LOG

Project #:	099136.600	Date:	5/28/02
Client:	Simpson Samoa Wood Mill	Sampler:	Dustin Tibbets
Well No.:	MW-3	Water Elevation	
Total Depth:	14.60	Depth To Water	10.66
Ht Of Water Column:	3.94	x (0.16) = Casing Volume	.63X3= 1.89

CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
	1.25		13.29	0947	0 gal.			
30		174		1048	.25 gal			
				1053	.75 gal.	419	58.3°	6.65
				1057	1.50 gal.	420	57.9°	6.64
				1101	2.25 gal.	411	58.2°	6.71
	No Flow Through Cell							

TOTAL 2.25 gal.

Initial Water Volume .75 gal.

Sampling Equipment: Disposable Bailer

Sample Time: 1110 MW-3

Sample Analysis:

Laboratory: NCL

Remarks:

Recharged to 10.71 at sample time.

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FIELD SAMPLING LOG

Project #:	099136.600	Date:	5/28/02
Client:	Simpson Samoa Wood Mill	Sampler:	Dustin Tibbets
Well No.:	MW-4	Water Elevation	
Total Depth:	14.86	Depth To Water	10.59
Ht Of Water Column:	4.27	x (0.16) = Casing Volume	.68 x 3 = 2.05

CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
	1.38		13.44	0954	0 gal.			
35		189		1124	.25 gal.			
				1128	.75 gal.	510	59.1°	6.73
				1132	1.5 gal.	519	59.°	6.81
				1135	2.25 gal.	527	59.1°	6.75
	No Flow Through Cell							

TOTAL 2.25 gal.

Initial Water Volume .75 gal.

Sampling Equipment: Disposable Bailer

Sample Time: 1145 MW-4

Sample Analysis:

Laboratory: NcL

Remarks:

Recharged to 10.64 at sample time.

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FIELD SAMPLING LOG

Project #:	099136.600	Date:	5/28/02
Client:	Simpson Samoa Wood Mill	Sampler:	Dustin Tibbetts
Well No.:	MW-1	Water Elevation	
Total Depth:	14.89	Depth To Water	10.35
Ht Of Water Column:	4.54	x (0.16) = Casing Volume	.73X3=2.18

CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
	1.12		13.38	1000	0 gal			
40		188		1202	.25 gal			
				1205	.75 gal	461	58.4°	6.71
				1210	1.5 gal	466	58.1°	6.70
				1213	2.25 gal	463	58°	6.72
					gal			
	No Flow Through Cell							

TOTAL 2.25 gal

Initial Water Volume .75 gal

Sampling Equipment: Disposable Bailer

Sample Time: 1220 MW-1

Sample Analysis:

Laboratory: NCL

Remarks:

Recharged to 10.39 at sample time

ATTACHMENT 2

DISCHARGE RECEIPT

Client Name: **SIMPSON SAMOA WOODMILL**

The water from your site: **1 JIM SMITH DRIVE SAMOA, CA.**
RWQCB CASE # 1NHU764

SHN ref # **099136.600** Collected On: **2/19/02**

Has been tested and certified as acceptable to be discharged into the City of Eureka municipal sewer system.

Amount Discharged: **13 GALLONS**

Date Discharged: **4/17/02**

Certified by: **DAVID R. PAINE**

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
City of Eureka Wastewater Discharge Permit #65

ATTACHMENT 3

HISTORICAL DATA

TABLE 3-1
NEAR SURFACE SOIL ANALYTICAL RESULTS, FORMER PCP WOOD TREATMENT AREA
SIMPSON SAMOA CORPORATION
SAMOA, CALIFORNIA

SAMPLE LOCATION	SAMPLE DATE	PCP[1] (in ug/g)
Pit #1	09/01/00	**8.0**
Pit #2	09/01/00	**2.2**
Pit #3	09/01/00	<0.1
Pit #4	09/01/00	**1.1**
S-1 36"	09/26/00	**4.6**
S-2 24"	09/26/00	<0.1
S-2 36"	09/26/00	<0.1
S-3 24"	09/26/00	**0.26**
S-3 36"	09/26/00	<0.1

1) PCP: pentachlorophenol

TABLE 3-2
EXCAVATION PIT SOIL AND GROUNDWATER ANALYTICAL RESULTS, FORMER PCP WOOD TREATMENT AREA
SIMPSON SAMOA CORPORATION
SAMOA, CALIFORNIA
(soil – ug/g, water – ug/L)

SAMPLE LOCATION	SAMPLE DATE	PCP[1]	TCP[2]	TPHPT[3]
Soil				
S-1	3/22/01	<1.0	<1.0	<1.0
S-2	3/22/01	<1.0	<1.0	<1.0
S-3	3/22/01	<1.0	<1.0	<1.0
S-4	3/22/01	<1.0	<1.0	<1.0
S-5	3/22/01	<1.0	<1.0	<1.0
S-6	3/22/01	<1.0	<1.0	<1.0
S-7	3/22/01	<1.0	<1.0	<1.0
S-8	3/22/01	<1.0	<1.0	<1.0
SP-1	3/22/01	**3.9**	<1.0	<1.0
SP-2	3/22/01	<1.0	<1.0	<1.0
SP-3	3/22/01	<1.0	<1.0	<1.0
SP-4	3/22/01	<1.0	<1.0	<1.0
Water				
W-1	3/22/01	**270**	**67**	<50

1) PCP: pentachlorophenol
2) TCP: tetrachlorophenol
3) TPHPT: total petroleum hydrocarbons as paint thinner

TABLE 3-3
SUMMARY OF GROUNDWATER ELEVATIONS, FORMER PCP WOOD TREATMENT AREA
SIMPSON SAMOA CORPORATION
SAMOA, CALIFORNIA

WELL ID	ELEVATION	DATE	DEPTH TO WATER	GROUNDWATER ELEVATION
PMW-1	20.00	11/19/2001	10.07	9.93
		2/19/2002	9.13	10.87
		5/28/2002	10.35 (L)	9.65 (L)
		5/28/2002	10.40 (H)	9.60 (H)
PMW-2	19.85	11/19/2001	10.03	9.82
		2/19/2002	9.33	10.52
		5/28/2002	10.55 (L)	9.30 (L)
		5/28/2002	10.60 (H)	9.25 (H)
PMW-3	19.95	11/19/2001	10.20	9.75
		2/19/2002	9.42	10.53
		5/28/2002	10.66 (L)	9.29 (L)
		5/28/2002	10.63 (H)	9.32 (H)
PMW-4	19.90	11/19/2001	10.17	9.93
		2/19/2002	9.33	10.57
		5/28/2002	10.59 (L)	9.31 (L)
		5/28/2002	10.61 (H)	9.29 (H)

(L): Low Tide
(H): High Tide

TABLE 3-4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS, FORMER PCP WOOD TREATMENT AREA
SIMPSON SAMOA CORPORATION
SAMOA, CALIFORNIA
(in ug/L)

SAMPLE LOCATION	DATE	PCP[1]	TCP[1]	TPHD[2]	DIOXINS/FURANS[3]
PMW-1	11/19/2001	<0.30[4]	<1.0	<50	ND[5]
	2/19/2002	<0.30	<1.0	NA[6]	NA
	5/28/2002	<0.30	<1.0	NA	NA
PMW-2	11/19/2001	<0.30	<1.0	NA	NA
	2/19/2002	<0.30	<1.0	NA	NA
	5/28/2002	<0.30	<1.0	NA	NA
PMW-3	11/19/2001	<0.30	<1.0	NA	NA
	2/19/2002	<0.30	<1.0	NA	NA
	5/28/2002	<0.30	<1.0	NA	NA
PMW-4	11/19/2001	<0.30	<1.0	NA	NA
	2/19/2002	<0.30	<1.0	NA	NA
	5/28/2002	<0.30	<1.0	NA	NA

1) Pentachlorophenol (PCP) and tetrachlorophenol (TCP) analyzed in general accordance with the Canadian Pulp Report Method.
2) Total petroleum hydrocarbons as diesel (TPHD) analyzed in general accordance with EPA Method 3510.
3) Dioxins/Furans analyzed in general accordance with EPA Method 8280. See laboratory analytical results for individual compounds and detection limits.
4) "<" denotes less than
5) ND: Not Detected
6) NA: Not Analyzed

ATTACHMENT 4

LABORATORY ANLYSITICAL REPORTS

REC'D JUN 07 2002

NORTH COAST LABORATORIES LTD.

June 06, 2002

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Attn: Frans Lowman

RE: 099136.600, Simpson Samoa Wood Mill

Order No.: 0205620
Invoice No.: 25130
PO No.:
ELAP No. 1247-Expires July 2002

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW-2
02A	MW-3
03A	MW-4
04A	MW-1

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s) | QA Unit | Jesse G. Chaney, Jr. Laboratory Director

5680 West End Road • Arcata California 95521-9202 • 707-822-4649 • FAX 707-822-6831

Printed on Recycled Paper

North Coast Laboratories, Ltd.

Date: *06-Jun-02*

CLIENT: SHN Consulting Engineers and Geologists
Project: 099136.600, Simpson Samoa Wood Mill
Lab Order: 0205620

CASE NARRATIVE

PCP/TCP:
The relative percent difference (RPD) for the laboratory control samples was above the upper acceptance limit for PCP. This indicates that the results could be variable. Since there were no detectable levels of analyte in the samples, the data were accepted.

NORTH COAST LABORATORIES
5680 West End Road · Arcata, California 95521 · 707-822-4649 · FAX 707-822-6831
Printed on Recycled Paper

Date: 06-Jun-02
WorkOrder: 0205620

ANALYTICAL REPORT

Client Sample ID: MW-2 **Received:** 5/28/02 **Collected:** 5/28/02 10:35
Lab ID: 0205620-01A

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/L	1.0	5/31/02	6/5/02
Pentachlorophenol	ND	0.30	µg/L	1.0	5/31/02	6/5/02
Surrogate: Dibromophenol	98.1	79.8-114	% Rec	1.0	5/31/02	6/5/02

Client Sample ID: MW-3 **Received:** 5/28/02 **Collected:** 5/28/02 11:10
Lab ID: 0205620-02A

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/L	1.0	5/31/02	6/5/02
Pentachlorophenol	ND	0.30	µg/L	1.0	5/31/02	6/5/02
Surrogate: Dibromophenol	96.8	79.8-114	% Rec	1.0	5/31/02	6/5/02

Client Sample ID: MW-4 **Received:** 5/28/02 **Collected:** 5/28/02 11:45
Lab ID: 0205620-03A

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/L	1.0	5/31/02	6/5/02
Pentachlorophenol	ND	0.30	µg/L	1.0	5/31/02	6/5/02
Surrogate: Dibromophenol	96.7	79.8-114	% Rec	1.0	5/31/02	6/5/02

Client Sample ID: MW-1 **Received:** 5/28/02 **Collected:** 5/28/02 12:20
Lab ID: 0205620-04A

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/L	1.0	5/31/02	6/5/02
Pentachlorophenol	ND	0.30	µg/L	1.0	5/31/02	6/5/02
Surrogate: Dibromophenol	99.0	79.8-114	% Rec	1.0	5/31/02	6/5/02

NORTH COAST LABORATORIES
5680 West End Road • Arcata, California 95521 • 707-822-4649 • FAX 707-822-6831
Printed on Recycled Paper

North Coast Laboratories, Ltd.

Date: 06-Jun-02

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0205620
Project: 099136.600, Simpson Samoa Wood Mill

QC SUMMARY REPORT
Method Blank

Sample ID **MB-6541** Batch ID: **6541** Test Code: **PCPTW** Units: **µg/L** Analysis Date **6/4/02 9:35:06 PM** Prep Date **5/31/02**

Client ID: Run ID: **ORGC4_020604B** SeqNo: **252106**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	ND	1.0									
Pentachlorophenol	ND	0.30									
Dibromophenol	4.74	0.10	5.00	0	94.7%	80	114	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 06-Jun-02

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0205620
Project: 099136.600, Simpson Samoa Wood Mill

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID **LCS-6541** Batch ID: **6541** Test Code: **PCPTW** Units: **µg/L** Analysis Date **6/4/02 9:59:03 PM** Prep Date **5/31/02**
Client ID: Run ID: **ORGC4_020604B** SeqNo: **252107**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.322	1.0	5.00	0	86.4%	82	122	0			
Pentachlorophenol	1.525	0.30	1.50	0	102%	89	154	0			
Dibromophenol	4.76	0.10	5.00	0	95.3%	80	114	0			

Sample ID **LCSD-6541** Batch ID: **6541** Test Code: **PCPTW** Units: **µg/L** Analysis Date **6/4/02 10:23:00 PM** Prep Date **5/31/02**
Client ID: Run ID: **ORGC4_020604B** SeqNo: **252108**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.659	1.0	5.00	0	93.2%	82	122	4.32	7.50%	15	
Pentachlorophenol	1.779	0.30	1.50	0	119%	89	154	1.52	15.4%	15	R
Dibromophenol	4.90	0.10	5.00	0	98.0%	80	114	4.76	2.80%	15	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata • CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

LABORATORY NUMBER: 0205620

Attention: Frans Lowmen
Results & Invoice to: SHN
Address: 812 W. Wabash Ave.
Eureka CA 95501
Phone: (707) 441-8855
Copies of Report to:
Sampler (Sign & Print): Dustin Tibbets Dustin Tibbets

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☑ STD (2–3 Wk) ☐ Other:
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By: __/__/__
Final Report: FAX ☐ Verbal ☐ By: __/__/__

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

PROJECT INFORMATION
Project Number: 09936.600
Project Name: Simpson Samoa Wood Mill
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	CONTAINER	PRESERVATIVE	ANALYSIS: RP/TCP
	MW-2	5/28/02	1035	GW	1	a	X
	MW-3	↓	1110	↓	1	a	X
	MW-4		1145		1	a	X
	MW-1		1220		1	a	X

SAMPLE CONDITION/SPECIAL INSTRUCTIONS
No EDF
cold, intact

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Dustin Tibbets Dustin Tibbets	5/28/02	[signature]	5/28/02 1505

SAMPLE DISPOSAL
☐ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

Simpson Timber Co

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • 707-441-8855 • Fax 707-441-8877 • shninfo@shn-engr.com

Samoa

RWQCB
REGION 1
JAN 28 2002
SAW FCR
RLT LGR KAD
NPQ RSG EJL
KA
2/28/02

Reference: 099136.600

January 22, 2002

Ms. Kasey Ashley
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Blvd, Suite A
Santa Rosa, California 95403

SUBJECT: MONITORING WELL INSTALLATION AND QUARTERLY MONITORING REPORT, FORMER PENTACHLOROPHENOL APPLICATION AREA, SIMPSON SAMOA WOOD MILL, SAMOA, CALIFORNIA; RWQCB CASE NO. 1NHU764

Dear Ms. Ashley:

SHN Consulting Engineers & Geologists, Inc. (SHN) is submitting this monitoring well installation and quarterly groundwater monitoring report for the former pentachlorophenol (PCP) application area of the Simpson Samoa Wood Mill, Samoa, Humboldt County, California (Location Map, Figure 1).

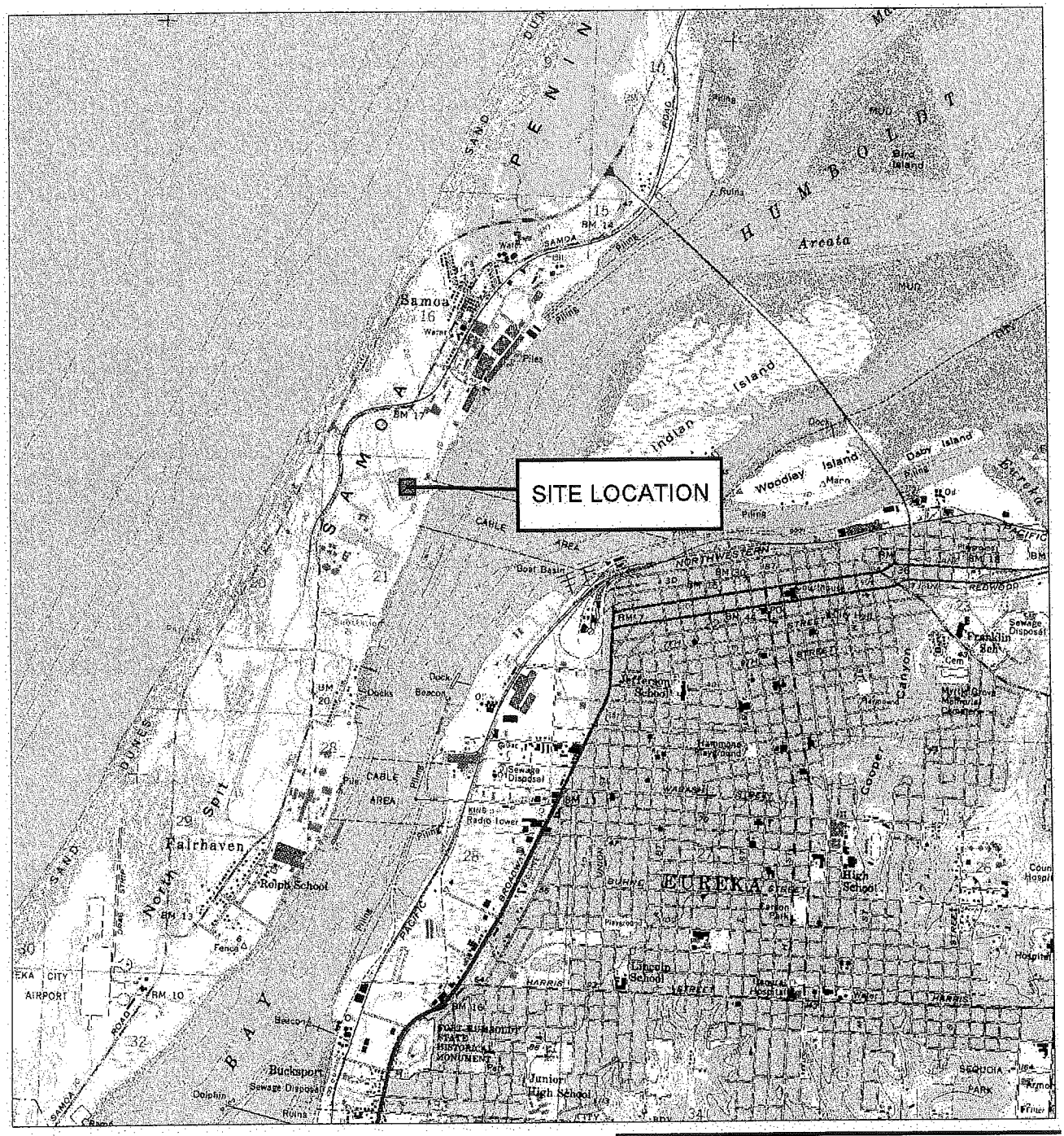
This well installation and groundwater monitoring report includes site information, soil and groundwater assessment activities conducted to date, results from the monitoring well installation, quarterly groundwater monitoring, and sample results.

BACKGROUND

Simpson Samoa Corporation (SSC) has conducted interim remedial action to address PCP contamination that resulted from the application of PCP to lumber as a wood preservative. The PCP was applied using a spray application system. A site map showing the location of the former wood treatment area is presented as Figure 2. It appears that PCP migrated to soils beneath the concrete floor through seams and cracks in the concrete. In May 2000, approximately 40 cubic yards of PCP stained concrete was broken up and stockpiled on site. During the week of March 12, 2001, the PCP-stained concrete was transported to Chem Waste in Kettleman Hills, California for disposal. Chem Waste is a Class I landfill.

Once the concrete flooring was removed, soil samples were collected from the exposed soil beneath the concrete. Analytical results of the soil samples indicated the presence of PCP in the soil as high as 8.0 micrograms per gram (ug/g). Soil sample locations within the exposed area are shown on Figure 2.

In March, 2001, SHN supervised the excavation of approximately 120 cubic yards of soil from the exposed area. Soil was excavated to a depth of approximately five feet below ground surface (BGS) in each area, however, Area I was excavated to a depth of approximately 10 feet BGS



SOURCE: EUREKA USGS 7.5 MINUTE QUADRANGLE



QUADRANGLE LOCATION

N

not to scale

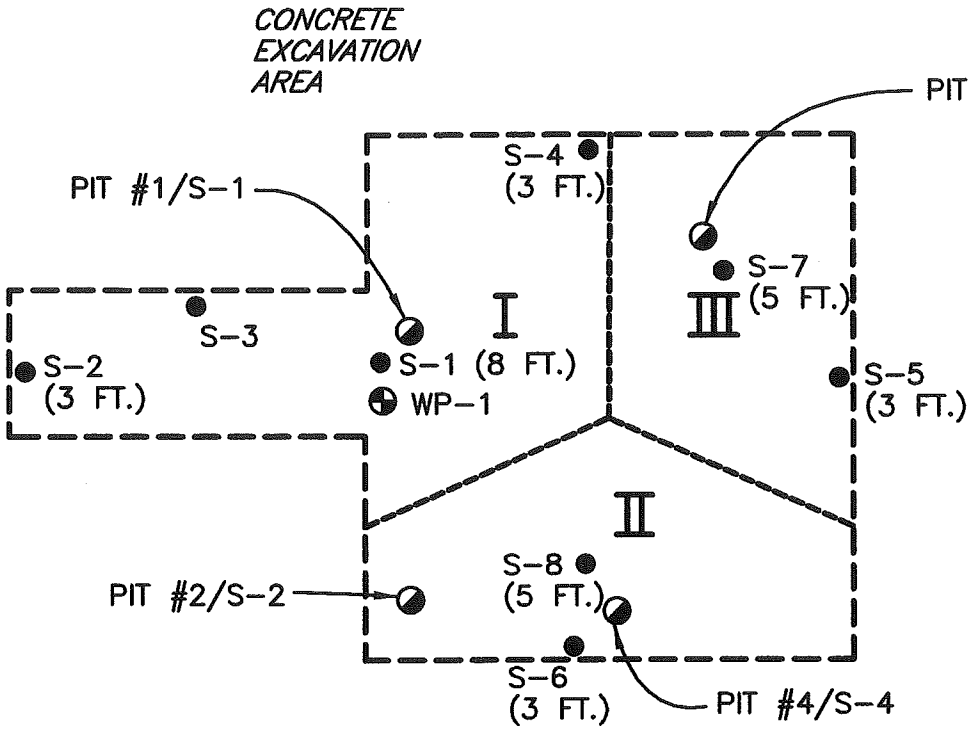
SIMPSON SAMOA CORPORATION
WOOD MILL PCP INVESTIGATION
SAMOA, CALIFORNIA

SITE LOCATION MAP

SHN 099136.600

FIGURE 1

simpson-woodmill-site



EXPLANATION

CONCRETE EXCAVATION AREA LIMITS

II EXCAVATION SUB-AREA AND DESIGNATION

PIT #1/S-1 SOIL SAMPLING LOCATION AND DESIGNATION, SEPTEMBER 2000

S-6 EXCAVATION SAMPLE LOCATION AND DESIGNATION

WP-1 WELL POINT LOCATION AND DESIGNATION

(3 FT.) SAMPLE DEPTH BELOW GROUND SURFACE, IN FEET

NS DEPTH NOT SAMPLED

1"=10'±

099136.600-EXCAVATION-SAMPLING.DWG

SIMPSON SAMOA CORPORATION
WOOD MILL PCP INVESTIGATION
SAMOA, CALIFORNIA

EXCAVATION SAMPLING POINTS

SHN 099136.600
MAY, 2001

FIGURE **2**

beneath former sample location Pit #1/S-1. This was the portion of the excavation pit where previous soil sample analytical results indicated the highest PCP concentration. Excavation was halted at 10 feet BGS due to the presence of groundwater.

Once soil excavation was complete, soil samples were collected from the sidewalls and floor of the excavation and submitted to an analytical laboratory for chemical analysis. Four soil samples were collected from the excavation sidewalls, and three soil samples were collected from the excavation floor. Each soil sample was analyzed for PCP/tetrachlorophenol (TCP) in general accordance with the Canadian Pulp Method, and total petroleum hydrocarbons as paint thinner (TPHPT) in general accordance with EPA Method No. 5035. TPHPT has been used in the past as the carrier for PCP, and may be present along with PCP.

PCP, TCP, and TPHPT were not detected in any of the excavation sidewall and floor soil samples submitted for laboratory analysis.

A temporary well point was installed through an undisturbed soil bench excavated in the central portion of Area I for the collection of a groundwater sample. The groundwater sample was analyzed for PCP/TCP in general accordance with the Canadian Pulp Method and TPHPT in general accordance with EPA Method No. 5030

PCP and TCP were detected in the groundwater sample collected from well point WP-1 at concentrations of 270 micrograms per liter (ug/L) and 67 ug/L, respectively. TPHPT was not detected in the groundwater sample collected from well point WP-1.

Based on the results of the groundwater sample, the RWQCB requested that monitoring wells be installed.

Historical soil sampling data are presented in Attachment 1.

The excavated soil was transported offsite in early December 2001. Documentation for the transport and disposal of the soil will be included in the next quarterly report.

OBJECTIVE

The objective of this site investigation was the installation of groundwater monitoring wells and the subsequent implementation of a groundwater monitoring program. The purpose of the groundwater monitoring program is to assess current groundwater conditions beneath the site and to evaluate the effectiveness of the mitigation efforts completed to date. Quarterly groundwater monitoring and sampling will be conducted throughout one full hydrologic cycle. A description of the monitoring well installation and the results of the first quarterly monitoring event for the site are presented in this report.

SCOPE OF WORK

The scope of work was intended to meet the objective of this investigation. As part of this investigation, four groundwater monitoring wells were installed, developed, gauged for depth to water, and sampled. All work was conducted in accordance with the approved work plan and site safety plan developed for this site.

FIELD PROGRAM

Monitoring Well Installation and Soil Sampling

On November 5 and 6, 2001, SHN supervised the installation of groundwater monitoring wells PMW-1 through PMW-4 (Figure 3). Monitoring wells were drilled by Clear Heart Drilling of Santa Rosa, California to aid in assessing site hydrogeologic conditions. Monitoring wells were installed using a truck mounted hollow stem auger drilling rig. Borings for the monitoring wells were extended to approximately 15 feet BGS.

Soil cuttings from each boring were added to the existing 120 cubic yard stockpile, and subsequently disposed of in December, 2001.

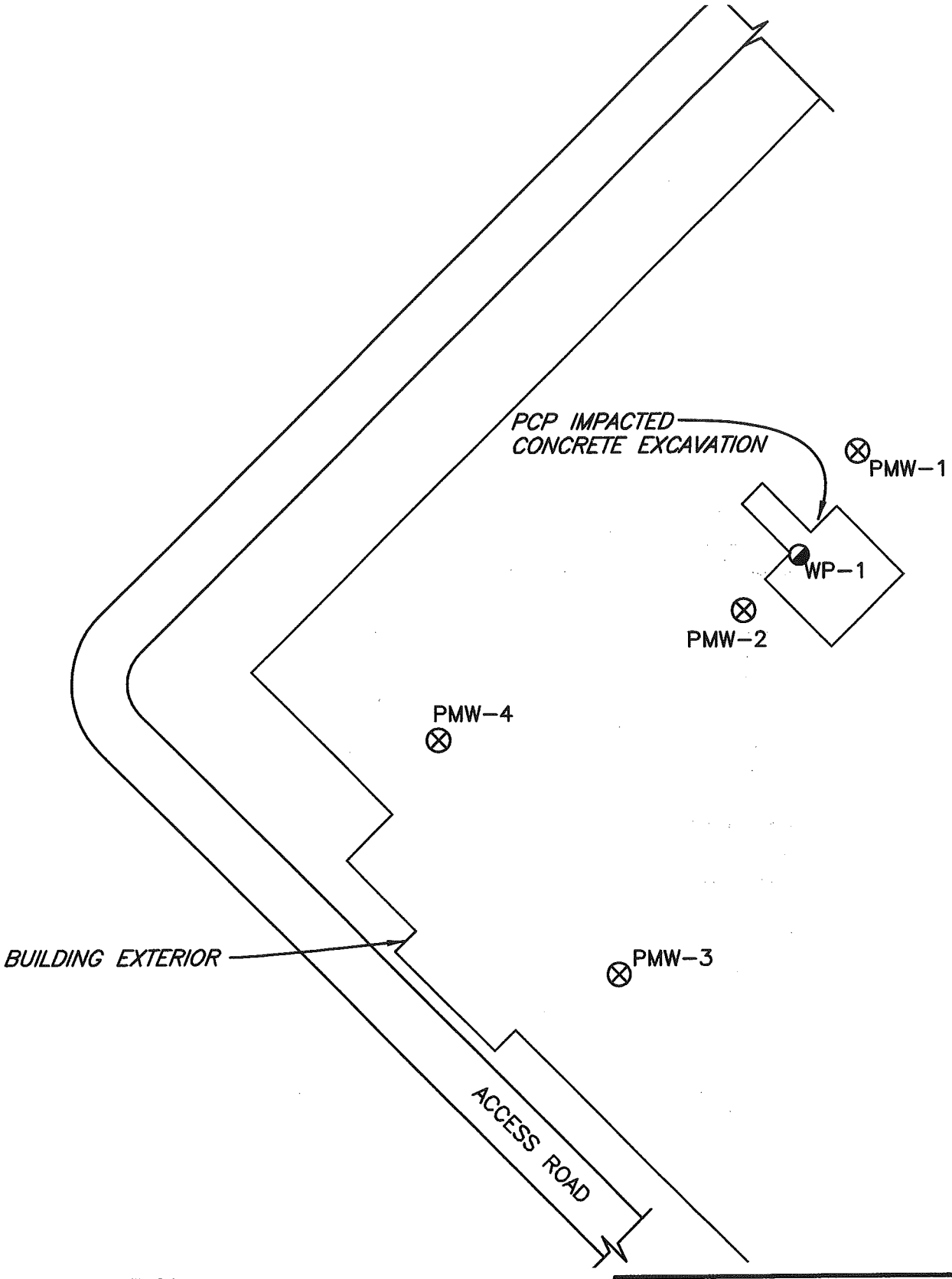
For sample collection, a hollow stainless steel split spoon sampler lined with three 2-inch inside diameter (I.D.) brass tubes was driven into the soil. Samples were collected at 5 and 10 feet BGS. Following retrieval of the sampler, the brass tubes were removed and the center tube was capped on both ends with Teflon® tape and plastic caps. Soils in the remaining sample tubes were used for lithologic descriptions. Each soil sample was labeled with the project name, project number, sample number, sample depth, sample time and date. All samples were placed in Ziploc® bags and stored in an iced cooler. Selected soil samples were submitted to the laboratory for analysis. Each soil sample was analyzed for PCP/TCP. Sample handling, transport, and delivery to the laboratory were documented using Chain-of-Custody procedures.

Monitoring wells PMW-1 through PMW-4 were constructed using 2-inch I.D., schedule 40 PVC blank and 0.010 slot PVC screen. The filter pack (2/12 Monterey sand) was extended from the bottom of the boring to above the screened interval.

A bentonite seal was placed on top of the filter pack, followed by Type I neat cement and finished with concrete. The well heads for wells PMW-1 through PMW-4 were protected using a flush mount christy box. Field notes and soil boring/well construction logs are included in Attachment 2.

Surveying

On November 6, 2001, the monitoring wells were surveyed for relative elevation. An estimated elevation of 20 feet above mean sea level was assumed for monitoring well PMW-1. Survey field notes are included in Attachment 2.



EXPLANATION

WP-1 WELL POINT LOCATION AND DESIGNATION

PMW-4 MONITORING WELL LOCATION AND DESIGNATION

1"=40'

SIMPSON SAMOA CORPORATION
WOOD MILL PCP INVESTIGATION
SAMOA, CALIFORNIA

SITE MAP

SHN 099136.600
DECEMBER, 2001

FIGURE 3

099136.600 SITEMAP

Groundwater Monitoring

On November 19, 2001 groundwater monitoring wells PMW-1 through PMW-4 were developed using surge and purge techniques. Prior to development, each well was measured for depth to water and total depth. Prior to development, groundwater measurements for dissolved oxygen (DO) and oxidation/reduction potential (ORP) were made using portable instrumentation. Dissolved carbon dioxide (DCO_2) was measured using a field test kit. During development, each well was monitored for Electrical Conductivity (EC), temperature, and pH using portable instrumentation. Each groundwater monitoring well was sampled upon completion of well development activities. Field data sheets are included as Attachment 3.

Groundwater samples were collected using disposable polyethylene bailers and transferred into laboratory supplied bottles. Water samples were labeled with the project name, project number, sample number and sample time, placed in an iced cooler and transported to the laboratory under chain-of-custody documentation. Each groundwater sample was analyzed for PCP/TCP by the Canadian Pulp Report Method. In addition, the groundwater sample from PMW-1 was analyzed for total petroleum hydrocarbons as diesel in general accordance with EPA Method 3510, and dioxins and furans in general accordance with EPA Method 8280.

Equipment Decontamination Procedures

All well installation equipment were cleaned with a steam cleaner between wells. All soil sampling, well development, and purging equipment were cleaned by washing with Liquinox soap, then triple rinsed with distilled water. All water samples were collected using pre-cleaned, disposable bailers, and transferred into laboratory supplied containers.

Waste Handling

Soil cuttings from the monitoring well installations were temporarily stored on-site in a visqueen envelope, and subsequently disposed of along with the approximate 120 cubic yard stockpile. Transport and disposal documentation for all the soil will be provided in the next quarterly monitoring report.

Approximately 237 gallons of decontamination and purge water were generated during well installation and groundwater sampling events. The water was transported to the SHN purge water storage facility and will be tested prior to being discharged, under permit, to the City of Eureka's Municipal Sewer System. A discharge receipt will be provided in the next quarterly report.

RESULTS OF THE INVESTIGATION

Subsurface Lithology

Soil borings were logged from cored samples. Surface coverings in the vicinity of the site consist of concrete. The soils underlying the Simpson Samoa Wood Mill site consist of fine to medium grained sand that persisted to the bottom of the borings. Soil boring logs are included in Attachment 2.

Soil Sampling

One soil sample was collected from each boring for laboratory analysis. No constituents were detected in any soil sample above the method detection limits. Soil analytical data for the November 2001 well installation are presented in Table 1. Laboratory analytical reports are included in Attachment 4.

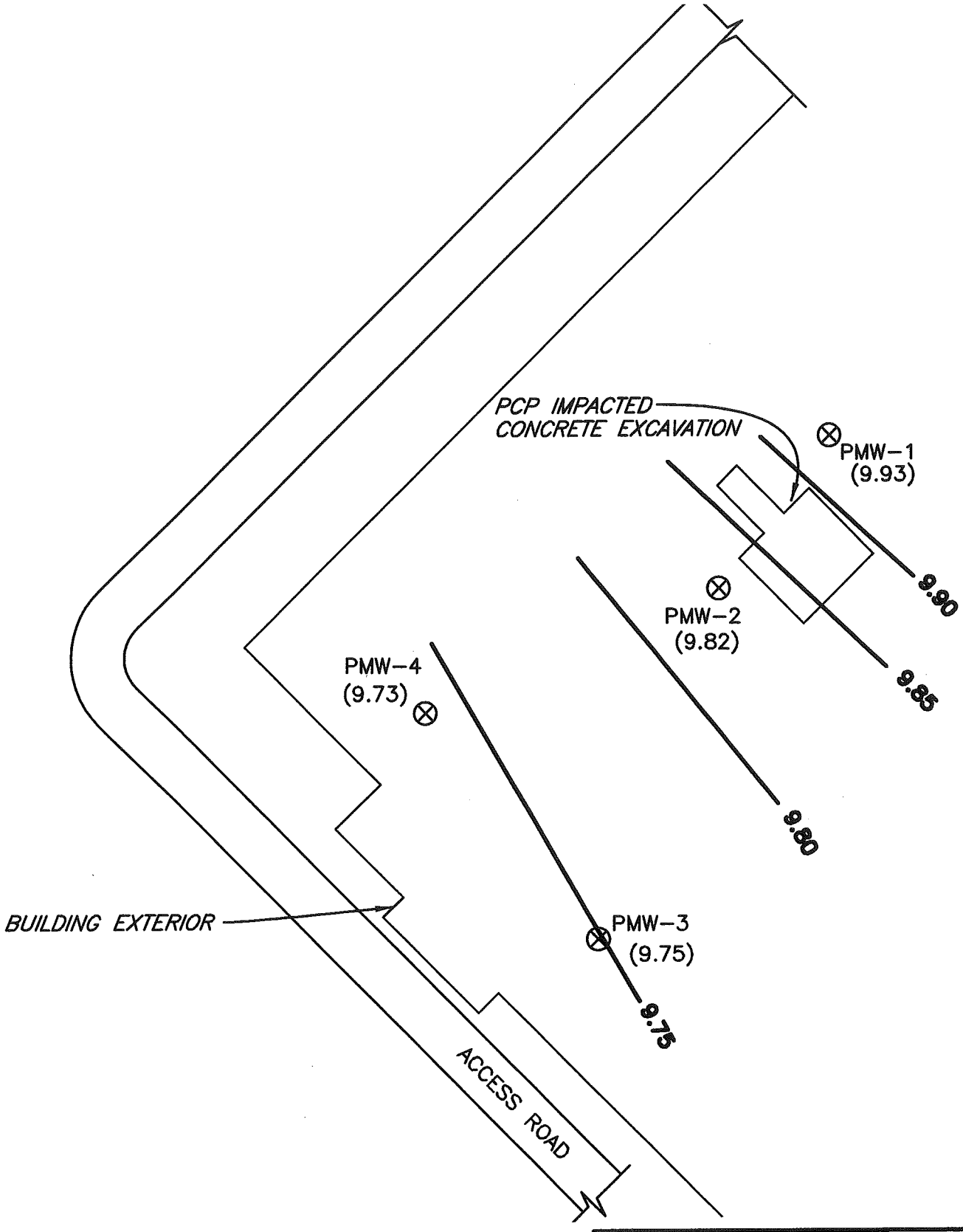
TABLE 1
SOIL ANALYTICAL RESULTS
SIMPSON SAMOA WOOD MILL
SAMOA, CALIFORNIA
(in ug/g)

SAMPLE LOCATION/ DEPTH (ft)	DATE	PCP[1]	TCP[1]
PMW-1 @ 10'	11/5/01	<1.0	<1.0
PMW-2 @ 10'	11/5/01	<1.0	<1.0
PMW-3 @ 10'	11/6/01	<1.0	<1.0
PMW-4 @ 10'	11/6/01	<1.0	<1.0

1) Pentachlorophenol (PCP) and tetrachlorophenol (TCP) analyzed in general accordance with the Canadian Pulp Report Method.

Site Hydrology

Depth to groundwater measurements were collected from each monitoring well. Groundwater elevation data are presented in Table 2. The direction of groundwater flow on November 19, 2001 was to the southeast with an approximate gradient of 0.0014 feet per foot (Figure 4).



EXPLANATION

PMW-4 ⊗ MONITORING WELL LOCATION AND DESIGNATION

(9.75) GROUNDWATAER ELEVATION

9.75 GRIOUNDWATER CONTOUR LINE

1"=40'

SIMPSON SAMOA CORPORATION
WOOD MILL PCP INVESTIGATION
SAMOA, CALIFORNIA

GROUNDWATER CONTOUR MAP
NOVEMBER 19, 2001

SHN 099136.600
DECEMBER, 2001

FIGURE 4

099136.600-GWC-11-2001

TABLE 2
GROUNDWATER ELEVATION DATA, NOVEMBER 19, 2001
SIMPSON SAMOA WOOD MILL
SAMOA, CALIFORNIA

WELL DESIGNATION	WELL TOC ELEVATION[1]	DEPTH TO GROUNDWATER[2]	GROUNDWATER ELEVATION[3]
PMW-1	20.00	10.07	9.93
PMW-2	19.85	10.03	9.82
PMW-3	19.95	10.20	9.75
PMW-4	19.90	10.17	9.73

1) Top of casing elevations estimated relative to a common datum.
2) Depth to water measured in feet below top of casing (TOC).
3) Groundwater elevation related to a common datum.

DO, DCO_2, and ORP Monitoring

DO, DCO_2, and ORP were measured in each of the groundwater monitoring wells before sampling. DO, DCO_2, and ORP measurements from the first quarter 2001 monitoring event are presented in Table 3.

TABLE 3
TEMPERATURE, DO, DCO_2, AND ORP MEASUREMENT RESULTS, NOVEMBER 19, 2001
SIMPSON SAMOA WOOD MILL
SAMOA, CALIFORNIA

SAMPLE LOCATION	TEMPERATURE (^{0}F)[1]	DO[2] (ppm)[3]	DCO_2[4] (ppm)	ORP[5] (mV)[6]
PMW-1	56.8	1.20	30	182
PMW-2	56.4	0.85	25	177
PMW-3	58.6	1.12	25	158
PMW-4	58.6	0.97	50	123

1) ^{0}F =Temperature measured in degrees Fahrenheit.
2) DO = Dissolved oxygen, field measured using portable instrumentation.
3) ppm = Measurement concentration, in parts per million.
4) DCO_2 = Dissolved carbon dioxide, field measured using a field test kit.
5) ORP = Oxidation/reduction potential measured using portable instrumentation.
6) mV = millivolts

Groundwater Analytical Results

Groundwater samples were analyzed for PCP/TCP. In addition, the groundwater sample from monitoring well PMW-1 was analyzed for TPHD, dioxins, and furans. No constituents were detected in any groundwater samples collected above the method detection limits (Table 4). Laboratory analytical reports for groundwater samples are included in Attachment 4.

TABLE 4
GROUNDWATER ANALYTICAL RESULTS, NOVEMBER 19, 2001
SIMPSON SAMOA WOOD MILL
SAMOA, CALIFORNIA
(in ug/L)

SAMPLE LOCATION	TPHD[1]	PCP[2]	TCP[2]	DIOXINS/FURANS[3]
PMW-1	<50[4]	<0.30	<1.0	ND[5]
PMW-2	NA[6]	<0.30	<1.0	NA
PMW-3	NA	<0.30	<1.0	NA
PMW-4	NA	<0.30	<1.0	NA

1) Total petroleum hydrocarbons as diesel (TPHD) analyzed in general accordance with EPA Method 3510.
2) Pentachlorophenol (PCP) and tetrachlorophenol (TCP) analyzed in general accordance with the Canadian Pulp Report Method.
3) Dioxins/Furans analyzed in general accordance with EPA Method 8280. See laboratory analytical results for individual compounds and detection limits.
4) "<" Denotes less than
5) Not Detected (ND)
6) Not Analyzed (NA)

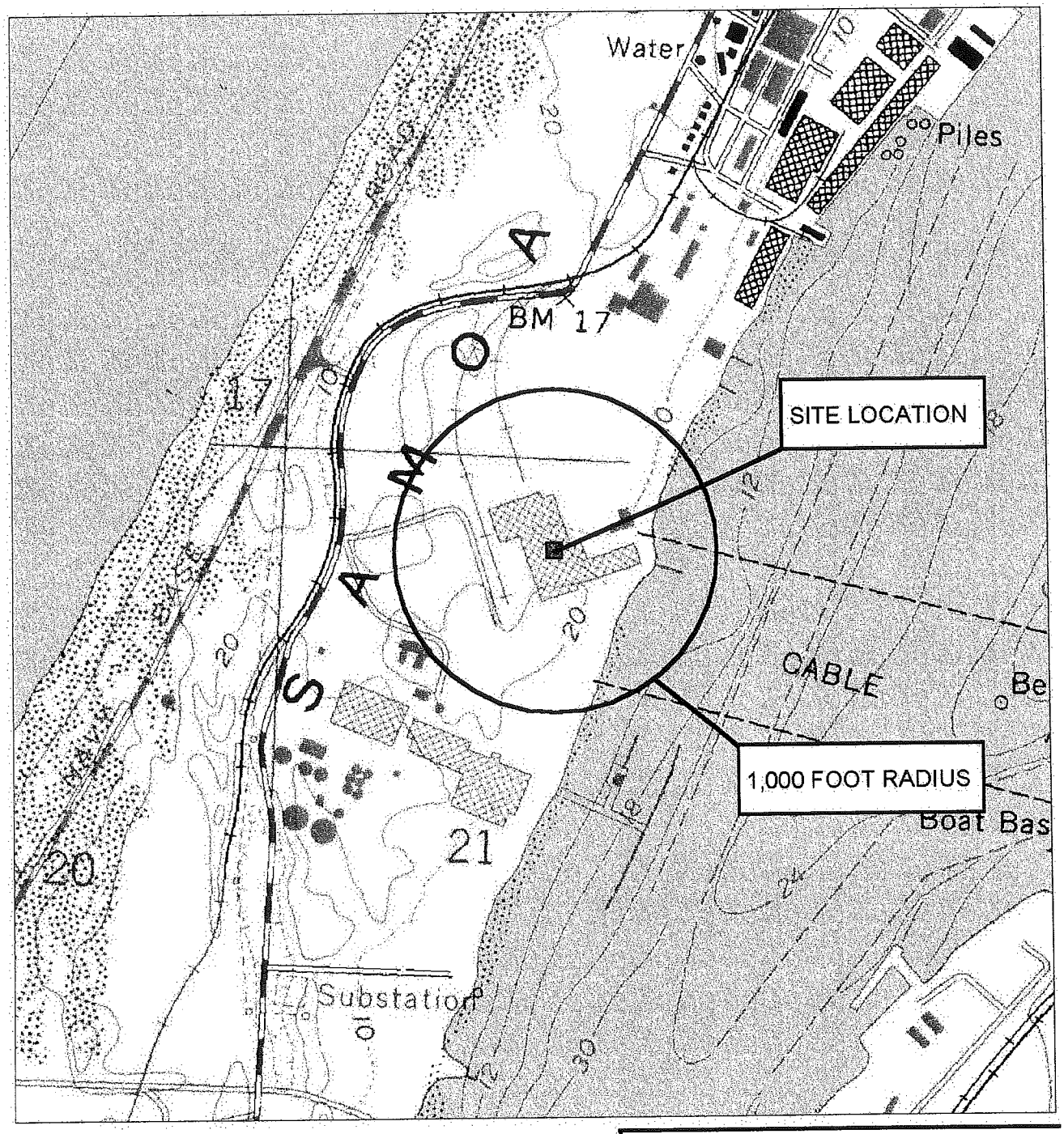
Sensitive Receptor Survey

A sensitive receptor survey was performed for a 1,000 foot radius from the former location of the PCP application area (Figure 5). Data were acquired from site visits, the Geotracker database maintained by the California Environmental Protection Agency State Water Resources Control Board, United State Geological Survey 7.5 minute series topographic maps, and the Department of Water Resources.

No water supply wells are located within the search radius. Water for the site and surrounding area is supplied by the Humboldt Bay Municipal Water District.

Humboldt Bay is located within the search radius. Based on the analytical results of the November 2001 monitoring event, there does not appear to be a threat to this potential receptor.

The site is located within a large warehouse building with a concrete floor. Access to the site is limited to site employees. No residences are located within the search radius.



SOURCE: EUREKA USGS 7.5 MINUTE QUADRANGLE

simpson-woodmill-SRS

SIMPSON SAMOA CORPORATION
WOOD MILL PCP INVESTIGATION
SAMOA, CALIFORNIA

SENSITIVE RECEPTOR SURVEY

SHN 099136.600

FIGURE 5

CONCLUSIONS AND RECOMMENDATIONS

The following conclusions are based on the information presented.

- No constituents were detected in soil samples from the monitoring well boreholes above the method detection limits.
- No constituents were detected in groundwater from the site above the method detection limits.
- No potential impacts to sensitive receptors were identified.

The following recommendations are based on the above conclusions:

Three additional quarterly monitoring events will be performed at the site. Depth to groundwater measurements and groundwater samples will be collected. Groundwater samples will be analyzed for PCP/TCP in general accordance the Canadian Pulp Report Method. A groundwater monitoring report will be prepared for submittal to the RWQCB within 45 days of receipt of the analytical data for each quarterly monitoring event.

If you have any questions regarding the work completed, please call John Aveggio or me at 707/441-8855.

Sincerely,

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.



Frans B. Lowman, R.G.
Project Manager

FBL/RMR:med:tla
Attachments:
1. Historical Data
2. Monitoring Well Installation Field Notes and Soil Boring Logs
3. Groundwater Sampling Data Sheets
4. Laboratory Analytical Reports

c w/ attach: HCDEH
Mr. Rob Ricci- Simpson Samoa Corporation

ATTACHMENT 1

HISTORICAL DATA

TABLE 1
NEAR SURFACE SOIL ANALYTICAL RESULTS
FORMER PCP WOOD TREATMENT AREA
SIMPSON SAMOA CORPORATION
SAMOA, CALIFORNIA

SAMPLE LOCATION	SAMPLE DATE	Pentachlorophenol (in ug/g)
Pit #1	09/01/00	**8.0**
Pit #2	09/01/00	**2.2**
Pit #3	09/01/00	<0.1
Pit #4	09/01/00	**1.1**
S-1 36"	09/26/00	**4.6**
S-2 24"	09/26/00	<0.1
S-2 36"	09/26/00	<0.1
S-3 24"	09/26/00	**0.26**
S-3 36"	09/26/00	<0.1

TABLE 2
EXCAVATION PIT SOIL AND GROUNDWATER ANALYTICAL RESULTS
FORMER PCP WOOD TREATMENT AREA
SIMPSON SAMOA CORPORATION, SAMOA, CALIFORNIA
(soil – ug/g, water – ug/L)

SAMPLE LOCATION	SAMPLE DATE	PCP[1]	TCP[2]	TPHPT[3]
Soil				
S-1	3/22/01	<1.0	<1.0	<1.0
S-2	3/22/01	<1.0	<1.0	<1.0
S-3	3/22/01	<1.0	<1.0	<1.0
S-4	3/22/01	<1.0	<1.0	<1.0
S-5	3/22/01	<1.0	<1.0	<1.0
S-6	3/22/01	<1.0	<1.0	<1.0
S-7	3/22/01	<1.0	<1.0	<1.0
S-8	3/22/01	<1.0	<1.0	<1.0
SP-1	3/22/01	**3.9**	<1.0	<1.0
SP-2	3/22/01	<1.0	<1.0	<1.0
SP-3	3/22/01	<1.0	<1.0	<1.0
SP-4	3/22/01	<1.0	<1.0	<1.0
Water				
W-1	3/22/01	**270**	**67**	<50

1) PCP - pentachlorophenol
2) TCP - tetrachlorophenol
3) TPHPT - total petroleum hydrocarbons as paint thinner

ATTACHMENT 2

MONITORING WELL INSTALLATION FIELD NOTES, SOIL BORING LOGS, AND SURVEY DATA

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-engr.com

DAILY FIELD REPORT

Job No. 09136-600
Page 1 of 1

Project Name: SIMPSON SAMOA WOOD MILL	Client/Owner	Daily Field Report Sequence No	
General Location Of Work: SAMOA	Owner/Client Representative	Date: 11-6-01	Day Of Week: TUES
General Contractor: CLEAR HEART	Grading Contractor	Project Engineer: FRANS LAWMAN	
Type Of Work: MONITORING WELL	Grading Contractor, Superintendent, Or Foreman	Supervisor: B. RUBEN	
Source & Description Of Fill Material: INSTALL	Weather: OVERCAST 55	Technician	
	Key Persons Contacted (Civil Engr, Architect, Developer, Etc)		

Describe Equipment Used For Hauling, Spreading, Watering, Conditioning, & Compacting

7:30 ON-SITE + C.H. ON SITE - SAFETY MEETING
SET UP @ MW-3
8:10 KACEY ASHLEY (RWQCB) ON SITE
8:20 RWQCB OFFSITE
9:20 FINISH @ MW-3 TO MW-4
9:45 START @ MW-4
11:15 FINISH @ MW-4 - NOTCHED ALL WELL'S FOR SURVEY MARKS

1 2 3 4 → N STOCKPILE - SEPARATE PILE FROM EACH WELL IN VISQUEEN ENVELOPE

NEAT CEMENT @ SET BOXES - SURVEY

		RELATIVE ELEVATION	RELATIVE SURVEY	ASSUMED ELEV	RELATIVE GW ELEV
11:30	DTW				
MW-4	10.70	-0.10	5.40	19.90	9.20
MW-3	10.75	-0.05	5.45	19.95	9.20
MW-1	10.55	0	5.50	20.00	9.45
MW-2	10.75	-0.15	5.35	19.85	9.10

12:45 OFF SITE

50 GALLONS OF DECON WATER TO SHN PWST

	Copy given to:	Reported By:

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-engr.com

DAILY FIELD REPORT

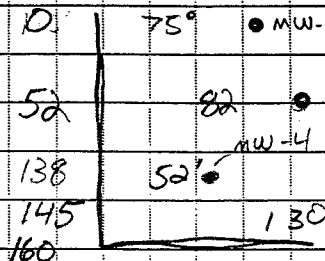
Job No. 099 136.600
Page of

Project Name: SIMPSON SAMOA WOOD MILL	Client/Owner	Daily Field Report Sequence No	
General Location Of Work: SAMOA, CA	Owner/Client Representative	Date: 11-5-01	Day Of Week: MON
General Contractor: CLEAR HEART	Grading Contractor	Project Engineer: FRANS LOWMAN	
Type Of Work: MONITORING WELL	Grading Contractor, Superintendent, Or Foreman	Supervisor: B. RUEBER	
Source & Description Of Fill Material: INSTALL	Weather	Technician	
	Key Persons Contacted (Civil Engr, Architect, Developer, Etc)		

Describe Equipment Used For Hauling, Spreading, Watering, Conditioning, & Compacting

11:30 C.H @ OFFICE - TO SITE
11:55 @ SITE CHECK LOCATIONS & SET UP
12:45 BEGIN CORING @ MW-1

→ N



14:30 FINISH @ MW-1 TO MW-2
14:45 BEGIN @ MW-2
16:10 FINISH @ MW-2 CLEAN UP & SET WELL BOXES & NEAT CEMENT SEAL
17:00 OFF-SITE

	Copy given to:	Reported By:

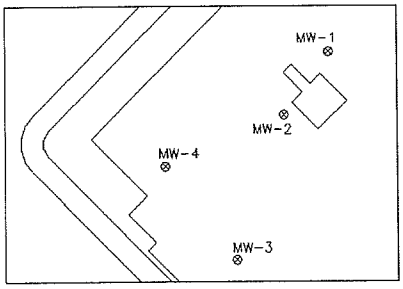
Consulting Engineers & Geologists, Inc.
812 West Wabash, Eureka, CA ph. (707) 441-8855 fax. (707) 441-8877

MONITORING WELL LOG
P MW-1

PROJ. NAME: Simpson Samoa Wood Mill
PROJ. NUMBER: 099136.600
DRILLER: Clear Heart
DRILLING METHOD: HSA-DR10K
SAMPLER TYPE: 2" Split Spoon
LOGGED BY: R. Rueber

LOCATION: Samoa, CA
GROUND ELEV.: --
DEPTH OF BORING/WELL: 15.0/15.0 feet
INITIAL WATER LEVEL: --
STABILIZED WATER LEVEL: 10.55
DATE: 11/5/01

LOCATION MAP



ELEVATION (ft) / DEPTH (FT.)	WATER LEVEL	SAMPLE: BLOWS / 6"	SAMPLE: DRILLING LABORATORY	USCS	LITHOLOGY	SOIL DESCRIPTION	REMARKS	MONITORING WELL CONSTRUCTION
121 — 1								
120 — 0						Concrete.		Flush Mount Christy Box Locking Cap Concrete Seal
119 — -1				SP		SAND, fine to medium, loose, slightly moist, light gray to brown.		Neat Cement
118 — -2								2" SCH.40 PVC Blank
117 — -3								Bentonite Hole Plug
116 — -4								
115 — -5		4						2" SCH. 40, 0.010 Slot PVC Screen
114 — -6		6 8						
113 — -7								
112 — -8								
111 — -9								
110 — -10	▼	13				Becomes medium dense. Becomes wet.		2/12 Monterey Sand
109 — -11		19 34						
108 — -12								
107 — -13								
106 — -14								
105 — -15						Bottom of boring at 15.0 feet.		PVC End Cap
104 — -16								
103 — -17								

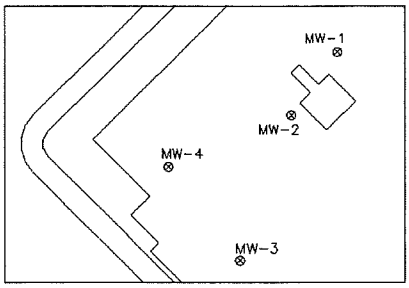
The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time.

FIELD BORING LOG

Consulting Engineers & Geologists, Inc.

812 West Wabash, Eureka, CA ph. (707) 441-8855 fax. (707) 441-8877

MONITORING WELL LOG
P MW-2
LOCATION MAP



PROJ. NAME: Simpson Samoa Wood Mill
PROJ. NUMBER: 099136.600
DRILLER: Clear Heart
DRILLING METHOD: HSA-DR10K
SAMPLER TYPE: 2" Split Spoon
LOGGED BY: R. Rueber

LOCATION: Samoa, CA
GROUND ELEV.: --
DEPTH OF BORING/WELL: 15.0/15.0 feet
INITIAL WATER LEVEL: --
STABILIZED WATER LEVEL: 10.75 feet
DATE: 11/5/01

ELEVATION (ft) / DEPTH (FT.)	WATER LEVEL	SAMPLE BLOWS / 6"	SAMPLE DRILLING LABORATORY	USCS	LITHOLOGY	SOIL DESCRIPTION	REMARKS	MONITORING WELL CONSTRUCTION
121 — 1								
120 — 0						Concrete.		Flush Mount Christy Box Locking Cap Concrete Seal
119 — -1				SP		SAND, fine to medium, loose, slightly moist, light gray to brown.		Neat Cement
118 — -2								2" SCH.40 PVC Blank
117 — -3								Bentonite Hole Plug
116 — -4								
115 — -5		4						2" SCH. 40, 0.010 Slot PVC Screen
114 — -6		6						
113 — -7		8						
112 — -8								
111 — -9								
110 — -10		10				Becomes medium dense.		2/12 Monterey Sand
109 — -11	▼	17				Becomes wet.		
108 — -12		32						
107 — -13								
106 — -14								
105 — -15						Bottom of boring at 15.0 feet.		PVC End Cap
104 — -16								
103 — -17								

The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time.

FIELD BORING LOG

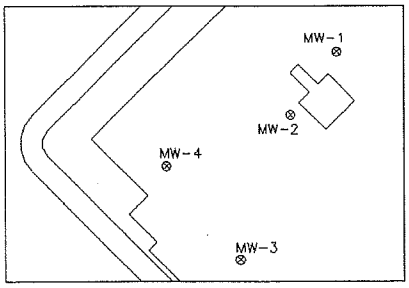
Consulting Engineers & Geologists, Inc.
812 West Wabash, Eureka, CA ph. (707) 441-8855 fax. (707) 441-8877

MONITORING WELL LOG
P MW-3

PROJ. NAME: Simpson Samoa Wood Mill
PROJ. NUMBER: 099136.600
DRILLER: Clear Heart
DRILLING METHOD: HSA-DR10K
SAMPLER TYPE: 2" Split Spoon
LOGGED BY: R. Rueber

LOCATION: Samoa, CA
GROUND ELEV.: --
DEPTH OF BORING/WELL: 15.0/15.0 feet
INITIAL WATER LEVEL: --
STABILIZED WATER LEVEL: 10.75
DATE: 11/6/01

LOCATION MAP



ELEVATION (ft) / DEPTH (FT.)	WATER LEVEL	SAMPLE BLOWS / 6"	SAMPLE DRILLING LABORATORY	USCS	LITHOLOGY	SOIL DESCRIPTION	REMARKS	MONITORING WELL CONSTRUCTION
121 — 1								
120 — 0						Concrete.		Flush Mount Christy Box Locking Cap Concrete Seal
119 — -1				SP		SAND, fine to medium, loose, slightly moist, light gray to brown.		Neat Cement
118 — -2								2" SCH.40 PVC Blank
117 — -3								Bentonite Hole Plug
116 — -4								
115 — -5		6						2" SCH. 40, 0.010 Slot PVC Screen
114 — -6		12						
113 — -7		17						
112 — -8								
111 — -9								
110 — -10		12				Becomes medium dense.		2/12 Monterey Sand
109 — -11	▼	17				Becomes wet.		
108 — -12		28						
107 — -13								
106 — -14								
105 — -15						Bottom of boring at 15.0 feet.		PVC End Cap
104 — -16								
103 — -17								

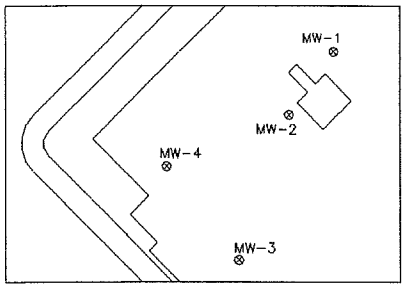
The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time.

FIELD BORING LOG

Consulting Engineers & Geologists, Inc.
812 West Wabash, Eureka, CA ph. (707) 441-8855 fax. (707) 441-8877

MONITORING WELL LOG
P MW-4

LOCATION MAP



PROJ. NAME: Simpson Samoa Wood Mill
PROJ. NUMBER: 099136.600
DRILLER: Clear Heart
DRILLING METHOD: HSA-DR10K
SAMPLER TYPE: 2" Split Spoon
LOGGED BY: R. Rueber

LOCATION: Samoa, CA
GROUND ELEV.: --
DEPTH OF BORING/WELL: 15.0/15.0 feet
INITIAL WATER LEVEL: --
STABILIZED WATER LEVEL: 10.70
DATE: 11/6/01

ELEVATION (ft) / DEPTH (FT.)	WATER LEVEL	SAMPLE BLOWS / 6"	SAMPLE DRILLING LABORATORY	USCS	LITHOLOGY	SOIL DESCRIPTION	REMARKS	MONITORING WELL CONSTRUCTION
121 — 1								
120 — 0				SP		Concrete.		Flush Mount Christy Box Locking Cap Concrete Seal
119 — -1						SAND, fine to medium, loose, slightly moist, light gray to brown.		Neat Cement
118 — -2								2" SCH.40 PVC Blank
117 — -3								Bentonite Hole Plug
116 — -4								
115 — -5		9						2" SCH. 40, 0.010 Slot PVC Screen
114 — -6		12						
113 — -7		15						
112 — -8								
111 — -9								
110 — -10		15				Becomes medium dense.		2/12 Monterey Sand
109 — -11	▼	35				Becomes wet.		
108 — -12		35						
107 — -13								
106 — -14								
105 — -15						Bottom of boring at 15.0 feet.		PVC End Cap
104 — -16								
103 — -17								

The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time.

FIELD BORING LOG

RECEIVED

OCT 16 2001

HUMBOLDT CO. DIVISION OF ENVIRONMENTAL HEALTH

HUMBOLDT COUNTY DIVISION of ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS UNIT
WELL and BORING PERMIT APPLICATION

REC'D OCT 19 2001

Facility ID # RWQCB 1NHU764 Permit # 94.1-E

Facility Name: SIMPSON SAMOA WOOD MILL

Site Address: SAMOA, CALIFORNIA

Site Owner: SIMPSON TIMBER COMPANY Telephone: 2683042

Address: P.O. BOX 1089 ARCATA, CA 95518 AP#:

RP Name: Telephone:

Address:

Consultant: SHN - ROLAND RUEBER Telephone: 441-8855

Address: 812 W. WABASH, EUREKA, CA Reg.#/Type:

Driller: Clear Heart Drilling Telephone: 568-6095

Address: 483 W. College Ave. SR. C-57 Lic.#: 780357

# On-site		# Offsite	
Wells 4	Borings	Wells	Borings

Activity: ☒ Construct ☐ Destroy ☐ Repair/Modify Electrode Type:

Well Type: ☒ Monitoring Well ☐ Injection Well ☐ Vapor Extraction ☐ Geologic Boring
☐ Extraction Well ☐ Piezometer ☐ Vapor Point ☐ Soil Gas Survey
☐ Vadose Well ☐ Cathodic Protection ☐ Direct Push Boring ☐ Temporary Well Point

Investigation Type: ☒ Site Assessment ☐ Disposal Practice ☐ UST ☐ Other*
☐ Surface Contamination ☐ Surface Impoundment ☐ AST
*Specify:

Investigation Phase: ☐ Initial ☒ Subsequent ☐ Remediation ☐ Closure

Suspected Contaminants: PCP

Disposal/Containment for Soil Cuttings: DRUM - PROPER DISPOSAL

Disposal/Containment for Rinsate: DRUM - TO SHN P.W.S.T.

Disposal/Containment for Development Water: DRUM - TO SHN P.W.S.T

tion:

Humboldt County
Department of Public Health № 186170

DATE	NAME	CASH	CHECK
10/17/2001	SHN		308 ** #55716

(on file) at HCDEH)

1 5 & 6, 2001

PROGRAM Construct 4 onsite wells
Simpson Samoa Wood Mill
Simpson Samoa Facility, 1NHU764
file # 94.1

AMOUNT OF ACCT.	
AMOUNT PAID	308 **

rev. 6/98

HUMBOLDT COUNTY DIVISION of ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS UNIT
WELL and BORING PERMIT APPLICATION

Facility ID # 1NHU764 **Permit #** 94.1-E

I hereby agree to comply with all laws, ordinances and regulations of the county of Humboldt and State of California pertaining to water well construction. I will contact the Humboldt County Hazardous Materials Unit at (707) 445-6215 five (5) working days prior to commencing this work. I will furnish to the County of Humboldt, Division of Environmental Health, and the owner a legible copy of the State Water Well Completion Report (form DWR 188) within fifteen (15) days after completion of work to obtain final approval of the well(s). I acknowledge that the application will become a permit ONLY after site approval by the Local Implementing Agency (HCDEH, NCRWQCB, DTSC, EPA). I understand this permit is not transferable and expires one hundred twenty (120) days from the date of issuance.

Certificates of Insurance:

☑ A currently effective General Liability Certificate of Insurance is on file with this office, endorsed to include the Humboldt County Division of Environmental Health as additional named insured.

☑ A currently effective Worker's Compensation Certificate of Insurance is on file with this office, endorsed to include the Humboldt County Division of Environmental Health as additional named insured.

Signature of Well Driller - no proxies - original signature only in blue ink

10-15-01
Date

- **Well identification umber and type must be affixed to exterior surface of security structure.**
- **The applicant is responsible for notifying Underground Services Alert at least 48 hours prior to the scheduled work date.**
- **A State of California Deprtment of Water resources Well Completion Report (Form DWR 1-88) must be filed wthin 15 days of completion of work for all well completions and destructions.**
- **A licsenced california C-57 Well Driller is required for all wells and direct push work.**

FOR OFFICE USE ONLY

Permit Approval: Norman Crawford **Date:** 10/17/2001

Fee: $308 **Date:** 10/17/2001 **Receipt:** 186170

Initial Inspection: _____ **Date:** _____

Final Inspection: _____ **Date:** _____

ATTACHMENT 3

GROUNDWATER SAMPLING DATA SHEETS

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash * Eureka, CA 95501-2138 * 707/441-8855 * FAX: 707/441-8877 * shninfo@shn-engr.com

DAILY FIELD REPORT

Job No. 099136.600
Page 1 of

Project Name: Simpson Samoa Wood Mill	Client/Owner: Simpson	Daily Field Report Sequence No:
General Location Of Work:	Owner/Client Representative: Simpson	Date: 11/19/01 — Day Of Week: Mon.
General Contractor:	Grading Contractor:	Project Engineer: Frans Lowman
Type Of Work: Quarterly Sampling	Grading Contractor, Superintendent, Or Foreman:	Supervisor:
Source & Description Of Fill Material:	Weather: Rain	Technician: Dustin Tibbets
	Key Persons Contacted (Civil Engr, Architect, Developer, Etc):	

Describe Equipment Used For Hauling, Spreading, Watering, Conditioning, & Compacting

0900 On Site
0915 Began taking Total Depths & Water levels
1020 Began taking DO readings
1103 Began Well developing on MW-4 with Well Wizzard development system. Purge water was caught in a 5gal bucket then dumped into 50gal drums. Pump was decon with liquinox and rised with DI water.
1435 Began Well developing on MW-3 with Well Wizzard development system. Purge water was caught in a 5gal bucket then dumped into 50gal drums. Pump was decon with liquinox and rised with DI water.
1515 Began Well developing on MW-1 with Well Wizzard development system. Purge water was caught in a 5gal bucket then dumped into a 50gal drum, Pump was decon with liquinox and rised with DI water.
1652 Began Well developing on MW-2 with Well Wizzard development system. Purge water was caught in a 5gal bucket then dumped into a 50gal drum, Pump was decon with liquinox and rised with DI water.
1835 Sampled MW-4 with its disposable bailer, lock up Well - MW-4
1840 Sampled MW-3 with its disposable bailer, lock up well. - MW-3
1850 Sampled MW-1 with its disposable bailer, lock up well. - MW-1
1905 Sampled MW-2 with its disposable bailer, lock up well. - MW-2
1945 Cleaned up / Off site

Copy given to:

Reported By: Dustin Tibbets

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash * Eureka, CA 95501-2138 * 707/441-8855 * FAX: 707/441-8877 *shninfo@shn-engr.com

DAILY FIELD REPORT

Job No. 099136.600

Page 2 of

Project Name: Simpson Samoa Wood Mill	Client/Owner: Simpson	Daily Field Report Sequence No:	
General Location Of Work:	Owner/Client Representative: Simpson	Date: 11/19/01	Day Of Week: Fri
General Contractor:	Grading Contractor:	Project Engineer: Frans Lowman	
Type Of Work: Quarterly Sampling	Grading Contractor, Superintendent, Or Foreman:	Supervisor:	
Source & Description Of Fill Material:	Weather: Rain	Technician: Dustin Tibbets	
	Key Persons Contacted (Civil Engr, Architect, Developer, Etc):		

Describe Equipment Used For Hauling, Spreading, Watering, Conditioning, & Compacting

Note: All decon and purge water was put into 4 50gal. drums was transported to SHN's 1000 gal. PWST located at ~~#~~ 812 W. Wabash Ave. Eureka CA, 187gal. total.

	Copy given to:	Reported By:

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash * Eureka, CA 95501-2138 * 707/441-8855 * FAX: 707/441-8877 *shninfo@shn-engr.com

GROUNDWATER ELEVATIONS

JOB NO.: 099136.600 | NAME: Dustin Tibbets

CLIENT: Simpson Samoa Wood Mill | DATE: 11/19/01

LOCATION: Samoa CA | WEATHER:

WELL NO.	TIME OF READING	MEAS. OF ELEVATION	DEPTH TO WATER IN FT.	WATER SUR. ELEVATION
MW-1	10.06	20.00	10.07	9.93
MW-2	10.09	19.85	10.03	9.82
MW-3	10.03	19.95	10.20	9.75
MW-4	10.00	19.90	10.17	9.73

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • Tel: 707/441-8855 • FAX: 707/441-8877 • E-mail: shninfo@shn-engr.com

FIELD SAMPLING LOG

Project #:	099136.600	Date:	11/19/01
Client:	Simpson Samoa Wood Mill	Sampler:	Dustin Tibbetts
Well No.:	MW-4	Water Elevation	
Total Depth:	14.86	Depth To Water	10.17
Ht Of Water Column:	4.69	x (0.16) = Casing Volume	.75 X 3 = 2.25

CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
	.97			1030	0 gal.			
50		123		1111	.25 gal.			
				1134	1.5 gal.	434	61.1°	6.63
				1142	5 gal.	450	59.8°	6.93
				1154	10 gal.	395	59.6°	6.69
				1205	15 gal	355	59.6°	6.67
	No Flow Through Cell			1214	20 gal	347	59.2°	6.67
				1224	25 gal	343	58.8°	6.78
				1233	30 gal	338	58.8°	6.70
				1242	35 gal	333	58.4°	6.95
				1250	40 gal	328	58.5°	6.98
				1300	45 gal	333	58.6°	*

TOTAL 45 gal.

Initial Water Volume 1.5 gal.

Sampling Equipment: Disposable Bailer

Sample Time: 1835

Sample Analysis: PCP/TCP

Laboratory: NcL

Remarks: * PH Meter Died.

Recharged To 10.04' at sample time.

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • Tel: 707/441-8855 • FAX: 707/441-8877 • E-mail: shninfo@shn-engr.com

FIELD SAMPLING LOG

Project #:	099136.600	Date:	11/19/01
Client:	Simpson Samoa Wood Mill	Sampler:	Dustin Tibbets
Well No.:	MW-3	Water Elevation	
Total Depth:	14.66	Depth To Water	10.20
Ht Of Water Column:	4.46	x (0.16) = Casing Volume	.71 X 3 = 2.14

CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
	1.12			1038	0 gal.			
25		158		1340	.25 gal			
				1355	1.5 gal.	397	63.7°	6.80
				1403	5 gal.	393	60.7°	6.69
				1410	10 gal.	408	59.7°	6.77
	No Flow Through Cell			1417	15 gal	379	59.2°	6.72
				1424	20 gal	357	58.8°	6.91
				1431	25 gal	356	58.9°	6.90
				1437	30 gal	355	58.7°	6.88
				1444	35 gal	354	58.6°	6.76
				1451	40 gal	353	58.5°	6.92
				1457	45 gal	352	58.6°	6.90

TOTAL 45 gal.

Initial Water Volume 1.5 gal.

Sampling Equipment: Disposable Bailer

Sample Time: 1840

Sample Analysis: PCP/TCP

Laboratory: NCL

Remarks:

Recharged to 10.03 at sample time.

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • Tel: 707/441-8855 • FAX: 707/441-8877 • E-mail: shninfo@shn-engr.com

FIELD SAMPLING LOG

Project #:	099136.600	Date:	11/19/01
Client:	Simpson Samoa Wood Mill	Sampler:	Dustin Tibbets
Well No.:	MW-1	Water Elevation	
Total Depth:	14.89	Depth To Water	10.07
Ht Of Water Column:	4.82	x (0.16) = Casing Volume	.77x3 = 2.31

CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
	1.20			1043	0 gal			
30		182		1535	.25 gal			
				1536	1.5 gal	347	57.1°	6.83
				1541	5 gal	410	57°	6.78
				1547	10 gal	391	57°	6.78
				1554	15 gal	368	56.8°	6.76
	No Flow Through cell			1600	20 gal	356	56.8°	6.75
				1605	25 gal	353	56.6°	6.75 07
				1611	30 gal	353	56.6°	~~6.85~~ 6.88
				1617	35 gal	351	56.8°	6.84
				1623	40 gal	352	56.8°	6.83
				1629	45 gal	354	56.8°	6.89

TOTAL 45 gal

Initial Water Volume 1.5 gal

Sampling Equipment: Disposable Bailer

Sample Time: 1850

Sample Analysis: PCP/TCP, 8280, TPHD3510

Laboratory: NCL

Remarks:

Recharged to 10.03 at sample time

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • Tel: 707/441-8855 • FAX: 707/441-8877 • E-mail: shninfo@shn-engr.com

FIELD SAMPLING LOG

Project #:	099136.600	Date:	11/19/01
Client:	Simpson Samoa Wood Mill	Sampler:	Dustin Tibbets
Well No.:	MW-2	Water Elevation	
Total Depth:	14.89	Depth To Water	10.03
Ht Of Water Column:	4.86	x (0.16) = Casing Volume	.78 X3 = 2.33 gal

CO_2	DO	Eh	DEPTH	TIME	WATER REMOVED	EC	TEMP	pH
	.85			1048	0 gal			
25		177		1652	.25 gal			
				1705	1.5 gal	402	56.4°	6.94
				1711	5 gal	439	56.6°	7.02
				1716	10 gal	396	56.6°	7.08
	No Flow Through Cell			1722	15 gal.	404	56.6°	6.96
				1729	20 gal	384	56.6°	6.93
				1735	25 gal.	377	56.8°	7.05
				1742	30 gal.	375	56.5°	6.98
				1748	35 gal	377	56.8°	7.01
				1753	40 gal.	376	56.6°	6.94
				1800	45 gal	376	56.4°	6.94

TOTAL 45 gal.

Initial Water Volume 1.5 gal.

Sampling Equipment: Disposable Bailer

Sample Time: 1905 MW-2

Sample Analysis: PCP/TCP

Laboratory: NCL

Remarks:

Recharged to 10.16 at sample time.

ATTACHMENT 4

LABORATORY ANALYTICAL REPORTS

REC'D NOV 26 2001

NORTH COAST LABORATORIES LTD.

November 21, 2001

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Attn: Frans Lowman

RE: 099136.600, Simpson Samoa Woodmill

Order No.: 0111162
Invoice No.: 20472
PO No.:
ELAP No. 1247-Expires July 2002

SAMPLE IDENTIFICATION Penta Site

Fraction	Client Sample Description
01A	MW-1 @ 10'
02A	MW-2 @ 10'
03A	MW-3 @ 10'
04A	MW-4 @ 10'

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s)

QA Officer

Jesse G. Chaney, Jr.
Laboratory Director

North Coast Laboratories, Ltd. **Date:** *21-Nov-01*

CLIENT:	SHN Consulting Engineers and Geologists
Project:	099136.600, Simpson Samoa Woodmill
Lab Order:	0111162

CASE NARRATIVE

There were no exceptions to report with regards to the analyses performed.

NORTH COAST LABORATORIES
5680 West End Road • Arcata California 95521 • 707-822-4649 • FAX 707-822-6831

Date: 21-Nov-01

WorkOrder: 0111162

ANALYTICAL REPORT

Client Sample ID: MW-1 @ 10' **Received:** 11/7/01 **Collected:** 11/5/01 13:40

Lab ID: 0111162-01A

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	11/15/01	11/19/01
Pentachlorophenol	ND	1.0	µg/g	1.0	11/15/01	11/19/01
Surrogate: Dibromophenol	93.1	65.5-120	% Rec	1.0	11/15/01	11/19/01

Client Sample ID: MW-2 @ 10' **Received:** 11/7/01 **Collected:** 11/5/01 15:45

Lab ID: 0111162-02A

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	11/15/01	11/19/01
Pentachlorophenol	ND	1.0	µg/g	1.0	11/15/01	11/19/01
Surrogate: Dibromophenol	94.7	65.5-120	% Rec	1.0	11/15/01	11/19/01

Client Sample ID: MW-3 @ 10' **Received:** 11/7/01 **Collected:** 11/6/01 9:00

Lab ID: 0111162-03A

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	11/15/01	11/20/01
Pentachlorophenol	ND	1.0	µg/g	1.0	11/15/01	11/20/01
Surrogate: Dibromophenol	92.7	65.5-120	% Rec	1.0	11/15/01	11/20/01

Client Sample ID: MW-4 @ 10' **Received:** 11/7/01 **Collected:** 11/6/01 10:30

Lab ID: 0111162-04A

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	11/15/01	11/20/01
Pentachlorophenol	ND	1.0	µg/g	1.0	11/15/01	11/20/01
Surrogate: Dibromophenol	93.7	65.5-120	% Rec	1.0	11/15/01	11/20/01

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North Coast Laboratories, Ltd.

Date: 21-Nov-01

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0111162
Project: 099136.600, Simpson Samoa Woodmill

QC SUMMARY REPORT

Method Blank

Sample ID **MB-5295** Batch ID: **5295** Test Code: **PCPTS** Units: **µg/g** Analysis Date **11/19/01 9:16:09 PM** Prep Date **11/15/01**

Client ID: Run ID: **ORGC4_011119A** SeqNo: **209078**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	ND	1.0									
Pentachlorophenol	ND	1.0									
Dibromophenol	4.48	1.0	5.00	0	89.7%	45	125	0			

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 21-Nov-01

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0111162
Project: 099136.600, Simpson Samoa Woodmill

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID **LCS-5295** Batch ID: **5295** Test Code: **PCPTS** Units: **µg/g** Analysis Date **11/19/01 9:41:37 PM** Prep Date **11/15/01**
Client ID: Run ID: **ORGC4_011119A** SeqNo: **209079**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.347	1.0	5.00	0	86.9%	69	129	0			
Pentachlorophenol	4.458	1.0	5.00	0	89.2%	66	132	0			
Dibromophenol	4.64	1.0	5.00	0	92.8%	66	120	0			

Sample ID **LCSD-5295** Batch ID: **5295** Test Code: **PCPTS** Units: **µg/g** Analysis Date **11/19/01 10:07:09 PM** Prep Date **11/15/01**
Client ID: Run ID: **ORGC4_011119A** SeqNo: **209080**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.506	1.0	5.00	0	90.1%	69	129	4.35	3.60%	46	
Pentachlorophenol	4.636	1.0	5.00	0	92.7%	66	132	4.46	3.93%	47	
Dibromophenol	4.71	1.0	5.00	0	94.2%	66	120	4.64	1.55%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata • CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

LABORATORY NUMBER: 011162

Attention: FRANS LOWMAN
Results & Invoice to: SHN
Address: 812 W. WABASH
EUREKA, CA
Phone: 441-8855
Copies of Report to:
Sampler (Sign & Print): R Bruder

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☑ STD (2–3 Wk) ☐ Other:
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☒ Verbal ☐ By:__/__/__
Final Report: FAX ☐ Verbal ☐ By:__/__/__

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

PROJECT INFORMATION

Project Number: 0991316-600
Project Name: SIMPSON SAMOA WOOD MILL
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	CONTAINER	PRESERVATIVE	ANALYSIS: PCP / TCP (CANADIAN TILLP) (REPORT)
	MW-1 @ 10'	11-5-01	1340	SOIL	1		X
	MW-2 @ 10'	11-5-01	1545	SOIL	1		X
	MW-3 @ 10'	11-6-01	900	SOIL	1		X
	MW-4 @ 10'	11-6-01	1032	SOIL	1		X

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
R Bruder	11-7-01		11:45 11-07-01

SAMPLE DISPOSAL
☒ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

*__MATRIX:__ DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

... RE...UIRED TO CLIENT

NORTH COAST LABORATORIES LTD.

November 30, 2001

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Attn: Frans Lowman

RE: 099136.600, Simpson Samoa Wood Mill

Order No.: 0111516
Invoice No.: 20680
PO No.:
ELAP No. 1247-Expires July 2002

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW-1
01B	MW-1
02A	MW-2
03A	MW-3
04A	MW-4

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s) | QA Unit | Jesse G. Chaney, Jr. Laboratory Director

5680 West End Road • Arcata California 95521-9202 • 707-822-4649 • FAX 707-822-6831

North Coast Laboratories, Ltd. **Date:** *03-Dec-01*

CLIENT: SHN Consulting Engineers and Geologists
Project: 099136.600, Simpson Samoa Wood Mill
Lab Order: 0111516

CASE NARRATIVE

PCP/TCP:
The relative percent difference (RPD) for the laboratory control samples is above the upper acceptance limit for PCP. This indicates that the results could be variable. Since there were no detectable levels of analyte in the sample, the data were accepted.

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Date: 30-Nov-01
WorkOrder: 0111516

ANALYTICAL REPORT

Client Sample ID: MW-1 **Received:** 11/20/01 **Collected:** 11/19/01 0:00
Lab ID: 0111516-01A

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/L	1.0	11/20/01	11/21/01
Pentachlorophenol	ND	0.30	µg/L	1.0	11/20/01	11/21/01
Surrogate: Dibromophenol	83.8	63.3-123	% Rec	1.0	11/20/01	11/21/01

Client Sample ID: MW-1 **Received:** 11/20/01 **Collected:** 11/19/01 0:00
Lab ID: 0111516-01B

Test Name: TPH as Diesel **Reference:** EPA 3510/GCFID

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel	ND	50	µg/L	1.0	11/27/01	11/30/01
Surrogate: N-Tricosane	82.7	69.9-145	% Rec	1.0	11/27/01	11/30/01

Client Sample ID: MW-2 **Received:** 11/20/01 **Collected:** 11/19/01 0:00
Lab ID: 0111516-02A

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/L	1.0	11/20/01	11/21/01
Pentachlorophenol	ND	0.30	µg/L	1.0	11/20/01	11/21/01
Surrogate: Dibromophenol	84.5	63.3-123	% Rec	1.0	11/20/01	11/21/01

Client Sample ID: MW-3 **Received:** 11/20/01 **Collected:** 11/19/01 0:00
Lab ID: 0111516-03A

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/L	1.0	11/20/01	11/21/01
Pentachlorophenol	ND	0.30	µg/L	1.0	11/20/01	11/21/01
Surrogate: Dibromophenol	86.6	63.3-123	% Rec	1.0	11/20/01	11/21/01

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Date: 30-Nov-01
WorkOrder: 0111516

ANALYTICAL REPORT

Client Sample ID: MW-4 **Received:** 11/20/01 **Collected:** 11/19/01 0:00
Lab ID: 0111516-04A

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/L	1.0	11/20/01	11/21/01
Pentachlorophenol	ND	0.30	µg/L	1.0	11/20/01	11/21/01
Surrogate: Dibromophenol	85.2	63.3-123	% Rec	1.0	11/20/01	11/21/01

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North Coast Laboratories, Ltd.

Date: 30-Nov-01

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0111516
Project: 099136.600, Simpson Samoa Wood Mill

QC SUMMARY REPORT
Method Blank

Sample ID **MB-5330** Batch ID: **5330** Test Code: **PCPTW** Units: **µg/L** Analysis Date **11/21/01 7:20:24 AM** Prep Date **11/20/01**
Client ID: Run ID: **ORGC4_011120B** SeqNo: **210322**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	ND	1.0									
Pentachlorophenol	ND	0.30									
Dibromophenol	4.35	0.10	5.00	0	87.1%	63	123	0			

Sample ID **MB-5359** Batch ID: **5359** Test Code: **TPHDIW** Units: **µg/L** Analysis Date **11/29/01 10:59:30 PM** Prep Date **11/27/01**
Client ID: Run ID: **ORGC5_011129A** SeqNo: **211075**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	ND	50									
N-Tricosane	43.3	0.10	50.0	0	86.5%	70	145	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 30-Nov-01

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0111516
Project: 099136.600, Simpson Samoa Wood Mill

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID **LCS-5330** Batch ID: **5330** Test Code: **PCPTW** Units: **µg/L** Analysis Date **11/21/01 7:44:05 AM** Prep Date **11/20/01**
Client ID: Run ID: **ORGC4_011120B** SeqNo: **210323**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.556	1.0	5.00	0	91.1%	80	129	0			
Pentachlorophenol	1.851	0.30	1.50	0	123%	78	152	0			
Dibromophenol	4.26	0.10	5.00	0	85.3%	63	123	0			

Sample ID **LCSD-5330** Batch ID: **5330** Test Code: **PCPTW** Units: **µg/L** Analysis Date **11/21/01 8:07:49 AM** Prep Date **11/20/01**
Client ID: Run ID: **ORGC4_011120B** SeqNo: **210324**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.565	1.0	5.00	0	91.3%	80	129	4.56	0.189%	10	
Pentachlorophenol	1.616	0.30	1.50	0	108%	78	152	1.85	13.6%	10	R
Dibromophenol	4.25	0.10	5.00	0	85.0%	63	123	4.26	0.356%	20	

Sample ID **LCS-5359** Batch ID: **5359** Test Code: **TPHDIW** Units: **µg/L** Analysis Date **11/29/01 10:09:24 PM** Prep Date **11/27/01**
Client ID: Run ID: **ORGC5_011129A** SeqNo: **211073**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	445.0	50	500	0	89.0%	59	142	0			
N-Tricosane	44.8	0.10	50.0	0	89.6%	70	145	0			

Sample ID **LCSD-5359** Batch ID: **5359** Test Code: **TPHDIW** Units: **µg/L** Analysis Date **11/29/01 10:34:24 PM** Prep Date **11/27/01**
Client ID: Run ID: **ORGC5_011129A** SeqNo: **211074**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel	459.0	50	500	0	91.8%	59	142	445	3.09%	20	
N-Tricosane	46.8	0.10	50.0	0	93.6%	70	145	44.8	4.30%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

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707-822-4649 Fax 707-822-6831

Chain of Custody

01115 16

LABORATORY NUMBER:

Attention: Frans Lowman
Results & Invoice to: SHN
Address: 812 Wabash Ave.
Eureka CA 95501
Phone: 441-8855
Copies of Report to: _____
Sampler (Sign & Print): Dustin Tibbets

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☑ STD (2–3 Wk) ☐ Other: _____
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By: __/__/__
Final Report: FAX ☐ Verbal ☐ By: __/__/__

PROJECT INFORMATION
Project Number: 09913.600
Project Name: Simpson Samoa Wood Mill
Purchase Order Number: _____

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	CONTAINER	PRESERVATIVE	ANALYSIS: EPA TCP – (CPW)	8280 Complete	TPHD 3510	Pesticides
	MW-1	11/19					X	X	X	
	MW-2	↓					X			
	MW-3						X			
	MW-4	↓								

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Dustin Tibbets Dustin Tibbets	11/20/01 0800	K. Thompson	11/20/01 1045

SAMPLE DISPOSAL
☐ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

REC'D DEC 2 6 2001

SEVERN TRENT SERVICES

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605-1500

Tel: 916 373 5600
Fax: 916 371 8420
www.stl-inc.com

December 13, 2001

STL SACRAMENTO PROJECT NUMBER: **G1K240127**
PO/CONTRACT:

Loretta Tomlin
North Coast Labs
5680 West End Road
Arcata, CA 95521

Dear Ms. Tomlin,

This report contains the analytical results for the sample received under chain of custody by STL Sacramento on November 21, 2001. This sample is associated with your 0111520 project.

The test results in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4384.

Sincerely,

Karen M. Dahl
Project Manager

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G1K240127

WATER, 8280, Dioxins/Furans, HRGC/LRMS

The LCS shows a high recovery for the internal standard 13C-OCDD. Since the recoveries on the LCS are acceptable and the associated sample results are all 'ND', no further corrective action was performed. There should be no impact on the data.

There were no other anomalies associated with this project.

STL Sacramento

Quality Control Definitions

QC Parameter	Definition
QC Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Duplicate Control Sample (DCS)	Consist of a pair of LCSs analyzed within the same QC batch to monitor precision and accuracy independent of sample matrix effects. This QC is performed only if required by client or when insufficient sample is available to perform MS/MSD.
Duplicate Sample (DU)	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Laboratory Control Sample (LCS)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. An LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried through the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank (MB)	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate Spike	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.

Source: STL Sacramento Laboratory Quality Manual

STL Sacramento Certifications:
Alaska (UST-055), Arizona (#AZ00616), Arkansas, California (NELAP # 01119CA) (ELAP #I-2439), Connecticut (#PH-0691), Florida (E87570), Hawaii, Louisiana (AI # 30612), New Jersey (Lab ID 44005), Nevada (#CA 044), New York (LAB ID 11666 serial # 107407), Oregon (LAB ID CA 044), South Carolina (LAB ID 87014, Cert. # 870140), Utah (E-168), Virginia (#00178), Washington (# C087), West Virginia (# 9930C), Wisconsin (Lab 998204680), USNAVY, USACE, USDA Foreign Plant (Permit # 37-82605), USDA Foreign Soil (Permit # S-46613)..

SAMPLE SUMMARY

G1K240127

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
EPF4F	001	0111520-1A	11/19/01	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

NORTH COAST LABORATORIES LTD.

Sub-Contract
Chain of Custody Record

Date Shipped: 11/20/01 **Carrier:** Airborne

Air Bill #: _____ **Cooler #:** _____

Subcontractor:	Severn Trent Laboratories (West Sac' 880 Riverside Parkway West Sacramento, CA 95605	**Send Results to:**	North Coast Labs 5680 West End Road Arcata, CA 95521 Attn: Loretta Tomlin (707) 822-4649
Phone:	916-373-5600		
Attention Line:	Sample Control		

K. Thompson	11/20/01 1500	Megan Burcet	11-21-01 1815
Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time
Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time
Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time

Analysis Request

NCL Sample #:	Sample ID:	Date Sampled:	Analysis:	Sample Condition:
0111520-1A	MW-1	11/19/01	Poly-Chlorinated-Dibenzo-p-Dioxin/Furan(LRMS)/Aqueous	

RB

Special Instructions: Please include QC Data

Date Due: 12/2/12 **Rush Charges Authorized:** NO **Preservative:** None

Return Chain of Custody to NCL

Printed on Recycled Paper

SEVERN TRENT SERVICES

LOT RECEIPT CHECKLIST

STL Sacramento

CLIENT North Coast PM KD LOG # 12754

LOT# (QUANTIMS ID) 61K240127 QUOTE# 29173 LOCATION W122

	Initials	Date
DATE RECEIVED 11-21-01 TIME RECEIVED 1030	LB	11-21-01

DELIVERED BY
- ☐ FEDEX ☐ CA OVERNIGHT ☐ CLIENT
- ☒ AIRBORNE ☐ GOLDENSTATE ☐ DHL
- ☐ UPS ☐ BAX GLOBAL ☐ GO-GETTERS
- ☐ STL COURIER ☐ B & B ☐ OTHER_____

CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☒ N/A

CUSTODY SEAL #(S) _____

SHIPPPING CONTAINER(S) ☐ STL ☒ CLIENT ☐ N/A

TEMPERTURE RECORD (IN °C) IR 1☐ 2☒ ☐ OTHER_____

COC #(S) _____

TEMPERATURE BLANK _____

AMBIENT TEMPERATURE 5°

COLLECTOR'S NAME: ☐ Verified from COC ☒ Not on COC

pH MEASURED ☐ YES ☐ ANOMALY ☒ N/A

LABELED BY.....

LABELS CHECKED BY.....

SHORT HOLD TEST NOTIFICATION

SAMPLE RECEIVING
WETCHEM ☒ N/A

☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL ☒ N/A

☒ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES ☐ N/A

☐ Clouseau ☐ TEMPERATURE EXCEEDED (2 °-6 °C) ☒ N/A

☐ WET ICE ☐ BLUE ICE ☐ GEL PACK

☐ PM NOTIFIED ☐ NO COOLING AGENTS USED

Notes: _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA *																				
VOAh *																				
___AGB																				
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PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

* Number of VOA's with air bubbles present / total number of VOA's

NORTH COAST LABS

Client Sample ID: 0111520-1A

Trace Level Organic Compounds

Lot-Sample #...: G1K240127-001 Work Order #...: EPF4F1AA Matrix.....: WATER
Date Sampled...: 11/19/01 Date Received..: 11/21/01
Prep Date.....: 11/28/01 Analysis Date..: 11/30/01
Prep Batch #...: 1333345
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	0.19	ng/L	SW846 8280
Total TCDD	ND	0.19	ng/L	SW846 8280
1,2,3,7,8-PeCDD	ND	0.83	ng/L	SW846 8280
Total PeCDD	ND	0.83	ng/L	SW846 8280
1,2,3,4,7,8-HxCDD	ND	0.33	ng/L	SW846 8280
1,2,3,6,7,8-HxCDD	ND	0.31	ng/L	SW846 8280
1,2,3,7,8,9-HxCDD	ND	0.30	ng/L	SW846 8280
Total HxCDD	ND	0.30	ng/L	SW846 8280
1,2,3,4,6,7,8-HpCDD	ND	0.64	ng/L	SW846 8280
Total HpCDD	ND	0.64	ng/L	SW846 8280
OCDD	ND	0.43	ng/L	SW846 8280
2,3,7,8-TCDF	ND	0.54	ng/L	SW846 8280
Total TCDF	ND	0.54	ng/L	SW846 8280
1,2,3,7,8-PeCDF	ND	0.37	ng/L	SW846 8280
2,3,4,7,8-PeCDF	ND	0.35	ng/L	SW846 8280
Total PeCDF	ND	0.35	ng/L	SW846 8280
1,2,3,4,7,8-HxCDF	ND	0.16	ng/L	SW846 8280
1,2,3,6,7,8-HxCDF	ND	0.14	ng/L	SW846 8280
2,3,4,6,7,8-HxCDF	ND	0.17	ng/L	SW846 8280
1,2,3,7,8,9-HxCDF	ND	0.16	ng/L	SW846 8280
Total HxCDF	ND	0.14	ng/L	SW846 8280
1,2,3,4,6,7,8-HpCDF	ND	0.31	ng/L	SW846 8280
1,2,3,4,7,8,9-HpCDF	ND	0.40	ng/L	SW846 8280
Total HpCDF	ND	0.31	ng/L	SW846 8280
OCDF	ND	0.29	ng/L	SW846 8280

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	94	(40 - 120)
13C-2,3,7,8-TCDF	95	(40 - 120)
13C-1,2,3,6,7,8-HxCDD	89	(40 - 120)
13C-1,2,3,4,6,7,8-HpCDF	110	(40 - 120)
13C-OCDD	112	(40 - 120)

QC DATA ASSOCIATION SUMMARY

G1K240127

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8280		1333345	

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G1K240127 Work Order #...: EPNFH1AA Matrix.....: WATER
MB Lot-Sample #: G1K290000-345

Prep Date.....: 11/28/01
Analysis Date..: 11/30/01 Prep Batch #...: 1333345
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	0.19	ng/L	SW846 8280
Total TCDD	ND	0.19	ng/L	SW846 8280
1,2,3,7,8-PeCDD	ND	0.57	ng/L	SW846 8280
Total PeCDD	ND	0.57	ng/L	SW846 8280
1,2,3,4,7,8-HxCDD	ND	0.29	ng/L	SW846 8280
1,2,3,6,7,8-HxCDD	ND	0.27	ng/L	SW846 8280
1,2,3,7,8,9-HxCDD	ND	0.26	ng/L	SW846 8280
Total HxCDD	ND	0.26	ng/L	SW846 8280
1,2,3,4,6,7,8-HpCDD	ND	0.22	ng/L	SW846 8280
Total HpCDD	ND	0.22	ng/L	SW846 8280
OCDD	ND	0.29	ng/L	SW846 8280
2,3,7,8-TCDF	ND	0.50	ng/L	SW846 8280
Total TCDF	ND	0.50	ng/L	SW846 8280
1,2,3,7,8-PeCDF	ND	0.28	ng/L	SW846 8280
2,3,4,7,8-PeCDF	ND	0.26	ng/L	SW846 8280
Total PeCDF	ND	0.26	ng/L	SW846 8280
1,2,3,4,7,8-HxCDF	ND	0.16	ng/L	SW846 8280
1,2,3,6,7,8-HxCDF	ND	0.14	ng/L	SW846 8280
2,3,4,6,7,8-HxCDF	ND	0.17	ng/L	SW846 8280
1,2,3,7,8,9-HxCDF	ND	0.16	ng/L	SW846 8280
Total HxCDF	ND	0.14	ng/L	SW846 8280
1,2,3,4,6,7,8-HpCDF	ND	0.18	ng/L	SW846 8280
1,2,3,4,7,8,9-HpCDF	ND	0.24	ng/L	SW846 8280
Total HpCDF	ND	0.18	ng/L	SW846 8280
OCDF	ND	0.17	ng/L	SW846 8280

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	98	(40 - 120)
13C-2,3,7,8-TCDF	97	(40 - 120)
13C-1,2,3,6,7,8-HxCDD	92	(40 - 120)
13C-1,2,3,4,6,7,8-HpCDF	114	(40 - 120)
13C-OCDD	115	(40 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G1K240127 **Work Order #...:** EPNFH1AC **Matrix.....:** WATER
LCS Lot-Sample#: G1K290000-345
Prep Date.....: 11/28/01 **Analysis Date..:** 11/30/01
Prep Batch #...: 1333345
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	**25.0**	**25.7**	**ng/L**	**103**	**SW846 8280**
1,2,3,7,8-PeCDD	**62.5**	**69.1**	**ng/L**	**110**	**SW846 8280**
1,2,3,6,7,8-HxCDD	**62.5**	**64.8**	**ng/L**	**104**	**SW846 8280**
1,2,3,4,6,7,8-HpCDD	**62.5**	**69.6**	**ng/L**	**111**	**SW846 8280**
OCDD	**125**	**118**	**ng/L**	**95**	**SW846 8280**
2,3,7,8-TCDF	**25.0**	**25.5**	**ng/L**	**102**	**SW846 8280**
1,2,3,7,8-PeCDF	**62.5**	**69.3**	**ng/L**	**111**	**SW846 8280**
1,2,3,6,7,8-HxCDF	**62.5**	**64.7**	**ng/L**	**103**	**SW846 8280**
1,2,3,4,6,7,8-HpCDF	**62.5**	**63.3**	**ng/L**	**101**	**SW846 8280**
OCDF	**125**	**114**	**ng/L**	**92**	**SW846 8280**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	101	(40 - 120)
13C-2,3,7,8-TCDF	100	(40 - 120)
13C-1,2,3,6,7,8-HxCDD	104	(40 - 120)
13C-1,2,3,4,6,7,8-HpCDF	106	(40 - 120)
13C-OCDD	125 *	(40 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G1K240127 Work Order #...: EPNFH1AC Matrix.....: WATER
LCS Lot-Sample#: G1K290000-345
Prep Date.....: 11/28/01 Analysis Date..: 11/30/01
Prep Batch #...: 1333345
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	**103**	**(74 - 129)**	**SW846 8280**
1,2,3,7,8-PeCDD	**110**	**(70 - 132)**	**SW846 8280**
1,2,3,6,7,8-HxCDD	**104**	**(63 - 131)**	**SW846 8280**
1,2,3,4,6,7,8-HpCDD	**111**	**(66 - 137)**	**SW846 8280**
OCDD	**95**	**(69 - 135)**	**SW846 8280**
2,3,7,8-TCDF	**102**	**(71 - 131)**	**SW846 8280**
1,2,3,7,8-PeCDF	**111**	**(62 - 147)**	**SW846 8280**
1,2,3,6,7,8-HxCDF	**103**	**(67 - 136)**	**SW846 8280**
1,2,3,4,6,7,8-HpCDF	**101**	**(72 - 137)**	**SW846 8280**
OCDF	**92**	**(66 - 138)**	**SW846 8280**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	101	(40 - 120)
13C-2,3,7,8-TCDF	100	(40 - 120)
13C-1,2,3,6,7,8-HxCDD	104	(40 - 120)
13C-1,2,3,4,6,7,8-HpCDF	106	(40 - 120)
13C-OCDD	125 *	(40 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata • CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

0111520
~~0111516~~

LABORATORY NUMBER:

Attention: Frans Lowman
Results & Invoice to: SHN
Address: 812 Wabash Ave.
Eureka CA 95501
Phone: 441-8855
Copies of Report to: _____
Sampler (Sign & Print): Dustin Tibbets

PROJECT INFORMATION
Project Number: 099136.600
Project Name: Simpson Samoa Wood Mill
Purchase Order Number: _____

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☑ STD (2–3 Wk) ☐ Other: _____
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By: __/__/__
Final Report: FAX ☐ Verbal ☐ By: __/__/__

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*
	MW-1			

ANALYSIS: RCP/TCP – (CPM) (Cam 17 Metals) 8260 TPHD 3510 8270

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Dustin Sibbets Out, Tibbets	11/20/01 0800	[signature]	11/20/01 1045

SAMPLE DISPOSAL
☐ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

Case Closure Summary
Leaking Underground Fuel Storage Tank Program

I. Agency Information

Agency Name: Humboldt County LOP	Address: 100 H Street, Suite 100
City/State/Zip: Eureka, California 95501	Phone: 707.445.6215
Responsible Staff Person: Robert Stone	Title: Hazardous Materials Specialist

II. Case Information

Site facility name: LP Samoa Pulp Mill Chip Dump				
Site facility address: 1 LP Drive				
RB LUSTIS Case No:	Local File No: 89.1		LOP Case No: 12745	
URF filing date: 12/7/00	Sweeps No:			
Responsible Party (ies)	Address			Phone Number
Louisana Pacific Carol Romero	P.O.Box 158 Samoa 95564			
Tank No	**Size (gallons)**	**Contents**	**Closed in place/removed**	**Date**
1	550	hydraulic oil	remove	12/7/00

III. Release and Site Characterization Information

Cause and type of release: tank system failure		
Site characterization complete? ☒ Yes ☐ No	Date approved by oversight agency: 5/03	
Monitoring wells installed? ☐ Yes ☒ No	Number:	Proper screen interval? ☐ Yes ☐ No
Highest GW depth below ground surface: 9	Lowest depth: 13	Flow direction: ESE
Most sensitive current use: MUN		
Drinking water wells affected? ☐ Yes ☒ No	Aquifer name:	
Surface water affected? ☐ Yes ☐ No	Nearest affected SW name:	
Offsite beneficial use impacts (location):		
Report(s) on file? ☒ Yes ☐ No	Where is report filed? HCEHD and NCRWQCB	

Treatment and Disposal of Affected Material

Material	Amount (units)	Action (Treatment/disposal & destination)	Date
Tank	1	recycle	12/8/00
Piping			
Free Product			
Soil			
Groundwater			
Barrels			

Case Closure Summary
Leaking Underground Fuel Storage Tank Program

III. Release and Site Characterization Information (continued)

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppm)		Contaminant	Soil (ppm)		Water (ppm)	
	Before	After	Before	After		Before	After	Before	After
TPHg					Xylenes				
TPHd	8100		.78	.06	Ethylbenzene				
Benzene					Oil & Grease	22000		36	nd
Toluene					Heavy Metals				
Other	14000.		1.5	nd	Other				

Comments: other:TPHmo
soil excavation to the maximum extent practicable in December 2001

IV. Closure

Completed corrective action protect existing beneficial uses per the RWQCB Basin Plan?	☒ Yes ☐ No
Completed corrective action protect potential beneficial uses per the RWQCB Basin Plan?	☒ Yes ☐ No
Does Corrective action protect public health for current land use?	☒ Yes ☐ No
Site Management Requirements soil management contingency plan and continue with Regional Board oversight	
Should corrective action be reviewed if land use changes?	☒ Yes ☐ No
Monitoring wells decommissioned: ☐ Yes ☐ No **No.decommissioned:** **No. retained:**	
List enforcement actions taken:	
List enforcement actions rescinded:	

V. Local Agency Representative Data

Name: Brian Cox	**Title:** Director
Signature: Brian Cox	**Date:** 9/4/03

VI. RWQCB Notification

Date submitted to RB: 5/27/03	**RB response:** concur	
RWQCB staff name: Kasey Ashley	**Title:** Geologist	**Date:** 6/30/03

VII. Additional Comments, Data, etc.

refer to Regional Board for continued oversight with non-UST related contamination and Stormwater Pollution Prevention requirements
Soil Management Contingency Plan on file

Humboldt County Department of Health and Human Services
DIVISION OF ENVIRONMENTAL HEALTH
100 H Street - Suite 100 - Eureka, CA 95501
Voice: 707-445-6215 - Fax: 707-441-5699 - Toll Free: 800-963-9241
envhealth@co.humboldt.ca.us

Remedial Action Completion Certification

September 4, 2003

Stockton Pacific
Carol Romero
PO Box 218
Samoa, CA 95564

Subject: LP Samoa Pulp Mill Chip Dump, 1 LP Drive, Samoa, California
LOP #12745

Dear Ms. Romero:

This letter confirms the completion of a site investigation and corrective action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. Please contact our office at (707) 445-6215, if you have any questions regarding this matter.

Sincerely,

Brian Cox, R.E.H.S.
Director, Division of Environmental Health
Humboldt County Department of Health

BC: swb

cc: Liz Haven, State Water Resources Control Board, Underground Tank Program
Allan Patton, State Water Resources Control Board, Cleanup Fund Program
Kasey Ashley, NCRWQCB
Thomas Dunbar, North Coast Regional Water Quality Control Board
Orrin Plocher, MFG Consulting Scientists and Engineers

12745.010.RACC/89.1L

Humboldt County Department of Health and Human Services
DIVISION OF ENVIRONMENTAL HEALTH
100 H Street, Suite 100, Eureka, CA 95501

707-445-6215
Fax 707-441-5699

Toll Free 1-800-963-9241
envhealth@co.humboldt.ca.us

Remedial Action Completion Certification

February 11, 2003

Simpson Samoa Company
Rob Ricci
PO Box 1089
Arcata, California 95518-1289

Subject: Simpson Samoa Wood Mill, 1 Jim Smith Avenue
Samoa, California LOP #12719

Dear Rob:

This letter confirms the completion of a site investigation and corrective action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

This notice is issued pursuant to subdivision (h) of the Health and Safety Code. Please contact our office at (707) 445-6215, if you have any questions regarding this matter.

Sincerely,

Brian Cox, R.E.H.S.
Director, Division of Environmental Health
Humboldt County Department of Health

BC: swb

cc: Liz Haven, State Water Resources Control Board, Underground Tank Program
Allan Patton, State Water Resources Control Board, Cleanup Fund Program
Kasey Ashely, North Coast Regional Water Quality Control Board
Frans Lowman, SHN

12719.RACC/94.1L

Case Closure Summary
Leaking Underground Fuel Storage Tank Program

I. Agency Information

Agency Name: Humboldt County LOP	**Address:** 100 H Street, Suite 100
City/State/Zip: Eureka, California 95501	**Phone:** 707.445.6215
Responsible Staff Person: Mark Verhey, RG	**Title:** Registered Geologist

II. Case Information

Site facility name: Simpson Samoa Wood Mill		
Site facility address: 1 Jim Smith Avenue, Samoa, CA 95564		
RB LUSTIS Case No: 1THU719	**Local Case No:** 94.1 L	**LOP Case No:** 12719
URF filing date: 8/23/99	**Sweeps No:** 008880	
Responsible Party (ies)	**Address**	**Phone Number**
Fred Jacobson	PO Box 1089, Arcata, CA 95518-1089	707/443-5032

Tank No	Size (gallons)	Contents	Closed in place/removed	Date
1	1000	TPHg only	removed	7/12/99

III. Release and Site Characterization Information

Cause and type of release: tank system failure (leak)			
Site characterization complete? ☒ Yes ☐ No	**Date approved by oversight agency:**		
Monitoring wells installed? ☒ Yes ☐ No	**Number:** 4	**Proper screen interval?** ☒ Yes ☐ No	
Highest GW depth below ground surface: 2	**Lowest depth:** 5	**Flow direction:** southwest	
Most sensitive current use: drinking			
Drinking water wells affected? ☐ Yes ☒ No	**Aquifer name:**		
Surface water affected? ☐ Yes ☒ No	**Nearest affected SW name:**		
Offsite beneficial use impacts (location):			
Report(s) on file? ☒ Yes ☐ No	**Where is report filed?** HCDEH & NCRWQCB		

Treatment and Disposal of Affected Material

Material	Amount (units)	Action (Treatment/disposal & destination)	Date
Tank Piping Free Product Soil Groundwater Barrels	1000 gal 1600 yd	scrapped at Hansen Scrap Metal, Alton, CA	7/12/99

III. Release and Site Characterization Information (continued)

Case Closure Summary
Leaking Underground Fuel Storage Tank Program

Maximum Documented Contaminant Concentrations - - Before and After Cleanup									
Contaminant	Soil (ppm)		Water (ppm)		Contaminant	Soil (ppm)		Water (ppm)	
	Before	After	Before	After		Before	After	Before	After
TPHg	4000	4.2	460	nd	Xylenes	1.6	nd	0.82	
TPHd					Ethylbenzene	8.3	nd	2.0	
Benzene	19	.009	5.9		Oil & Grease				
Toluene	0.0064	nd	0.2		Heavy Metals	18			
Other	< 5.0		< 0.005		Other				

Comments: Other = MtBE Heavy Metals = lead

V. Closure

Completed corrective action protect existing beneficial uses per the RWQCB Basin Plan? ☒ Yes ☐ No

Completed corrective action protect potential beneficial uses per the RWQCB Basin Plan? ☒ Yes ☐ No

Does Corrective action protect public health for current land use? ☒ Yes ☐ No

Site Management Requirements

Should corrective action be reviewed if land use changes? ☐ Yes ☒ No

Monitoring wells decommissioned: ☒ Yes ☐ No No.decommissioned: 4 No. retained: 0

List enforcement actions taken:

List enforcement actions rescinded:

VI. Local Agency Representative Data

Name: Brian Cox		Title: Director	
Signature: Brian Cox		Date:	02/07/2003

VI. RWQCB Notification

Date submitted to RB: 11/13/02	RB response: cocnur		
RWQCB staff name: Kasey Ashley	Title: Water Resource Control Engr	Date:	12/18/02

VII. Additional Comments, Data, etc.

Second Semi-Annual 2007 Groundwater Monitoring Report and Closure Request

Former Simpson Samoa Corporation Aboveground Diesel Tank Site Samoa, California Case No. 1NHU764

Prepared for:

Samoa Properties
Arcata, California

Consulting Engineers & Geologists, Inc.
812 W. Wabash Avenue
Eureka, CA 95501-2138
707-441-8855

November 2007
000060

Reference: 000060

Second Semi-Annual 2007 Groundwater Monitoring Report and Closure Request

Former Simpson Samoa Corporation Aboveground Diesel Tank Site Samoa, California Case No. 1NHU764

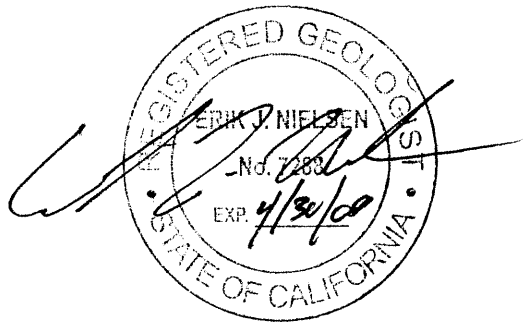
Prepared for:

Samoa Properties
Arcata, California

Prepared by:

Consulting Engineers & Geologists, Inc.
812 W. Wabash Avenue
Eureka, CA 95501-2138
707-441-8855

November 2007



QA/QC:EJN-cm

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B. Historic Monitoring Data
C. Laboratory Analytical Report

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Abbreviations and Acronyms

<	denotes a value that is "less than" the method reporting limit
mV	millivolts
ppm	parts per million
ug/L	micrograms per Liter
AST	Aboveground Storage Tank
DCO_2	Dissolved Carbon Dioxide
DO	Dissolved Oxygen
EC	Electrical Conductivity
EPA	(U.S.) Environmental Protection Agency
LNAPL	Light Non-Aqueous Phase Liquid
MNA	Monitored Natural Attenuation
MSL	Mean Sea Level
MW-#	Monitoring Well-#
ORP	Oxidation-Reduction Potential
RWQCB	California Regional Water Quality Control Board, North Coast Region
SHN	SHN Consulting Engineers & Geologists, Inc.
SSC	Simpson Samoa Corporation
TPHD	Total Petroleum Hydrocarbons as Diesel

1.0 Introduction

This report presents the results of groundwater monitoring activities for the second half of 2007 and a request for closure at the former Simpson Samoa Corporation (SSC) facility (Case No. 1NHU764). The site is located in the community of Samoa in Humboldt County, California (Figure 1). SHN Consulting Engineers & Geologists, Inc. (SHN) performed this work on behalf of Samoa Properties.

2.0 Field Activities

2.1 Monitoring Well Sampling

SHN conducted groundwater monitoring on September 19, 2007. As part of the monitoring program, wells MW-1, MW-3, MW-4, and MW-5 were purged and sampled (see Figure 2). Prior to purging, each monitoring well was measured for depth to water, and checked for the presence of Light Non-Aqueous Phase Liquid (LNAPL) (none was observed). Electrical Conductivity (EC), pH, and temperature were monitored periodically during purging activities using portable instrumentation. All wells were also measured for Dissolved Oxygen (DO), Oxidation-Reduction Potential (ORP), and Dissolved Carbon Dioxide (DCO_2). A groundwater sample was then collected from each well using a disposable polyethylene bailer. The water samples were immediately placed in an ice-filled cooler, and submitted to the laboratory for analyses under appropriate chain-of-custody. Appendix A presents groundwater-monitoring data sheets.

2.2 Laboratory Analysis

Each groundwater sample was analyzed for:

- Total Petroleum Hydrocarbons as Diesel (TPHD) with silica gel column, in general accordance with U.S. Environmental Protection Agency (EPA) Method Nos. 3510/3630/GCFID/8015B.

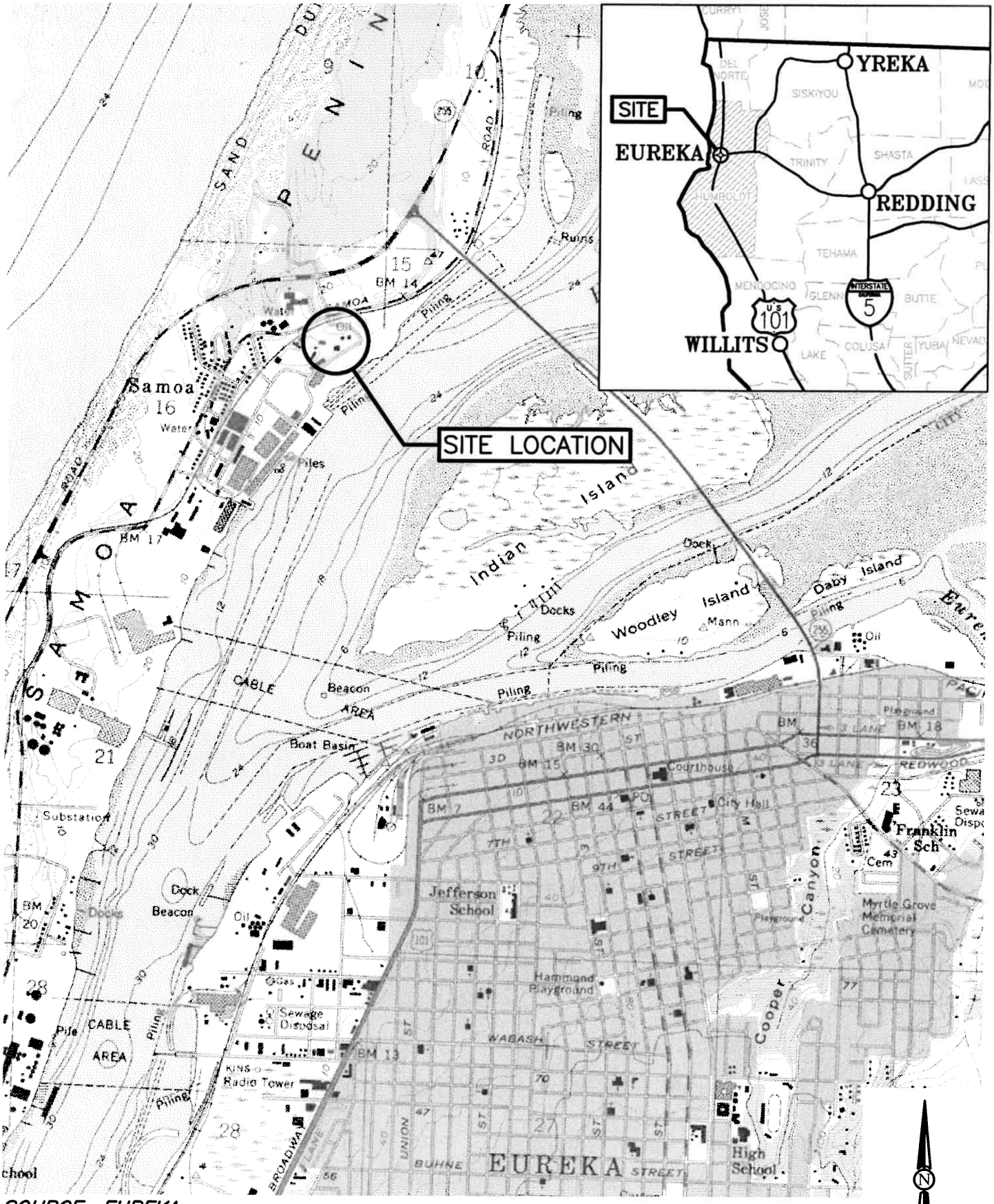
North Coast Laboratories, Ltd., a State-certified analytical laboratory located in Arcata, California, conducted all analyses.

2.3 Equipment Decontamination Procedures

All monitoring and sampling equipment was cleaned prior to being transported to the site. All smaller equipment was cleaned using the triple wash system. The equipment was initially washed in a water solution containing Liquinox® cleaner, followed by two distilled water rinses.

2.4 Investigation-Derived Waste Management

All wastewater generated decontaminating field-sampling equipment, and the well purge water was temporarily stored on site in 5-gallon buckets. The water was then transported to SHN's 1,000-gallon purge water storage tank located at 812 West Wabash Avenue in Eureka, California. Approximately 21 gallons of decontamination and purge water from the September 19, 2007 sampling was discharged, under permit, to the City of Eureka municipal sewer system. A discharge receipt for the September 19, 2007 monitoring event is included in Appendix A. A discharge receipt for the March 2007 sampling event is additionally included in Appendix A.

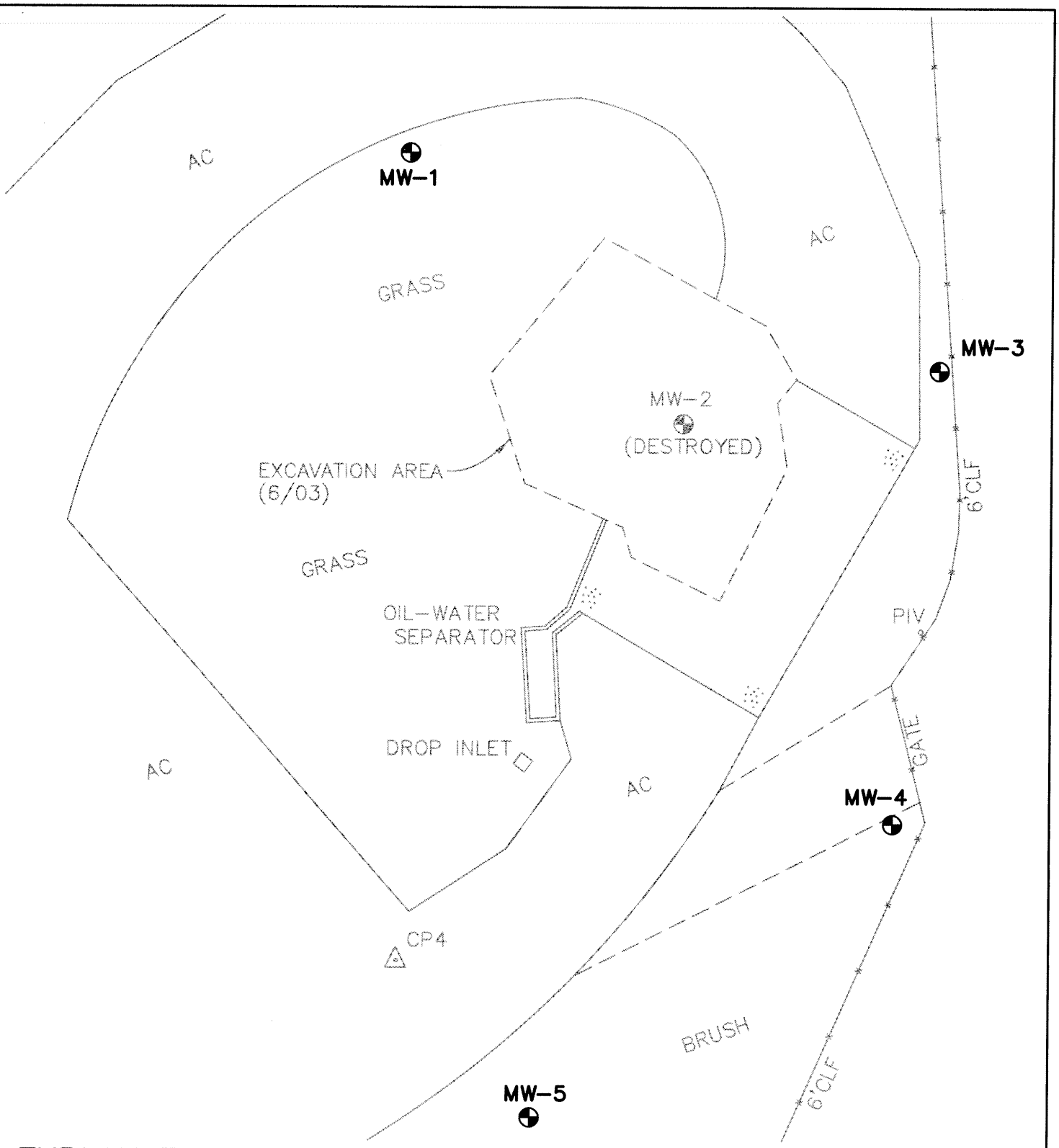


SOURCE: EUREKA USGS 7.5 MINUTE QUADRANGLE

1"=2000'±

SHN Consulting Engineers & Geologists, Inc.	Simpson Samoa Corporation Samoa Diesel AST Investigation Samoa, California	Site Location Map SHN 000060	
	November 2007	000060-LOCATION	Figure 1

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EXPLANATION

MW-3 — *EXISTING MONITORING WELL LOCATION AND DESIGNATION*

N

0 1"=30' 30

Consulting Engineers & Geologists, Inc.

Simpson Samoa Corporation Samoa Diesel AST Investigation Samoa, California		Site Plan SHN 000060
November 2007	000060-SI1	Figure 2

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3.0 Groundwater Monitoring Results

3.1 Hydrogeology

SHN measured depth-to-groundwater in the existing monitoring wells during the second half 2007, monitoring event (Table 1). Well construction details are summarized in Appendix B, Table B-1.

Table 1
Groundwater Elevations, September 19, 2007
Simpson Samoa Former AST Site, Samoa, California

Sample Location	Top of Casing Elevation (feet MSL)[1]	Depth to Water (feet)[2]	Groundwater Elevation (feet MSL)
MW-1	14.74	7.11	7.63
MW-3	12.54	5.14	7.40
MW-4	12.24	4.95	7.29
MW-5	11.98	4.49	7.49

1. MSL: Mean Sea Level
2. Below top of casing

On September 19, 2007, the groundwater flow beneath the site was to the south, with an approximate gradient of 0.003 feet per foot. A potentiometric map for the September 19, 2007, monitoring event is presented as Figure 3. Appendix B, Table B-2 presents historic water level data.

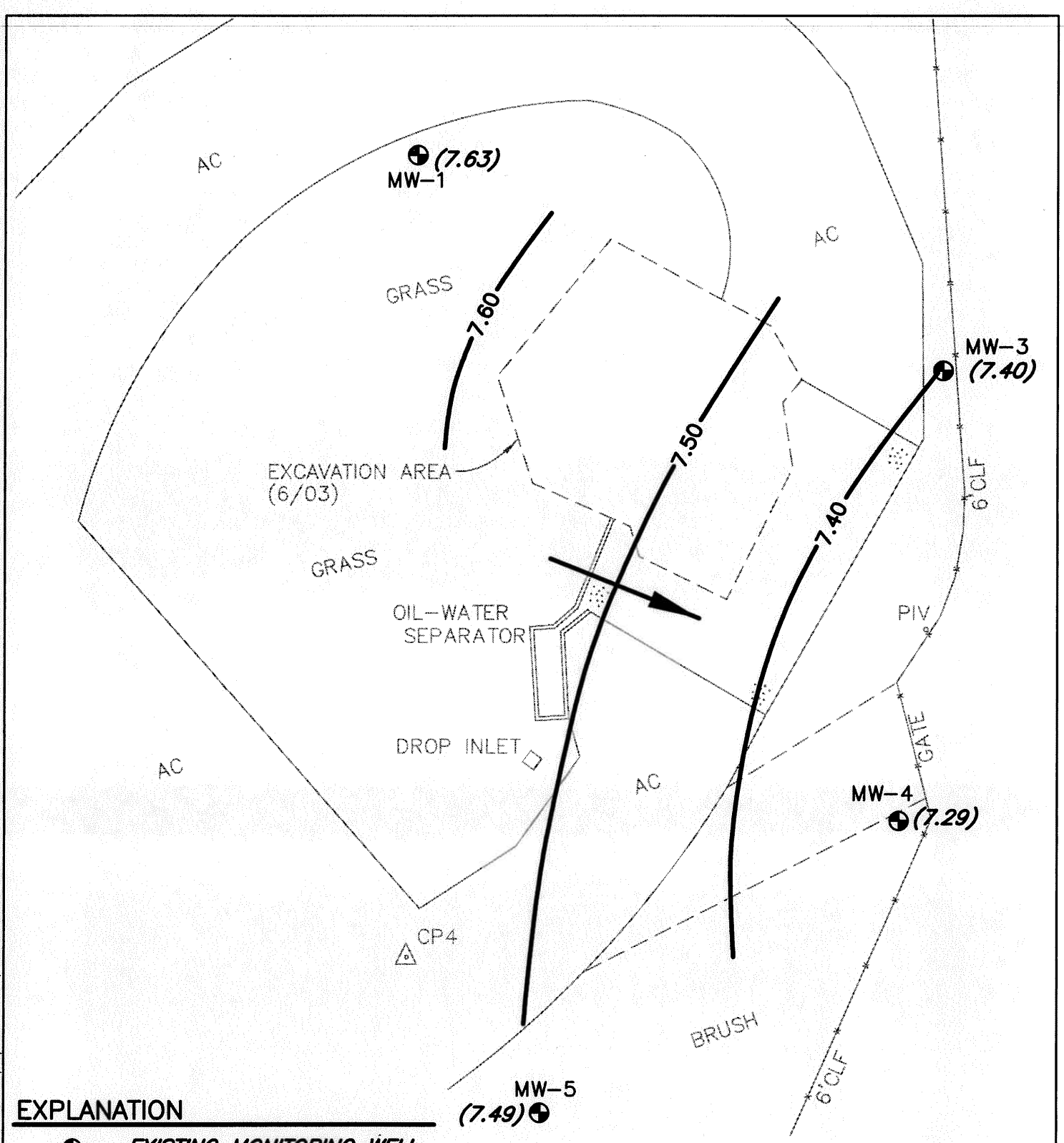
3.2 Groundwater Analytical Results

Table 2 summarizes the laboratory analytical results for the groundwater samples collected during the second half 2007 monitoring event.

Table 2
Groundwater Analytical Results, September 19, 2007
Simpson Samoa Former AST Site, Samoa, California
(in ug/L)[1]

Sample Location	TPHD[2]
MW-1	<50[3]
MW-3	**76**[4]
MW-4	<50
MW-5	<50

1. ug/L: micrograms per Liter
2. TPHD: Total Petroleum Hydrocarbons as Diesel, analyzed in general accordance with U.S. EPA Method Nos. 3510/GCFID/8015B.
3. <: denotes "less than" the stated method reporting limit
4. Sample contains material similar in the diesel range of molecular weights, but the material does not exhibit the peak pattern typical of diesel oil.



EXPLANATION

- MW-3 — EXISTING MONITORING WELL LOCATION AND DESIGNATION
- (7.49) — GROUNDWATER ELEVATION IN FEET ABOVE MSL
- 7.50 — CONTOUR OF EQUAL GROUNDWATER ELEVATION (IN FEET ABOVE MSL)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW

N

0 1"=30' 30

SHN Consulting Engineers & Geologists, Inc.	Simpson Samoa Corporation Samoa Diesel AST Investigation Samoa, California	Groundwater Contours September 19, 2007 SHN 000060
	November 2007	000060-GWC-SEPT-07 — Figure 3

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Figure 4 presents a site map that shows concentrations of TPHD in existing groundwater monitoring wells. Historic groundwater data is included in Appendix B, Table B-3. Appendix C presents the complete analytical test results, chain-of-custody, and laboratory quality control data.

3.3 Field Measured Parameters

DO, DCO_2, and ORP were measured in all 4 monitoring wells prior to sampling, and are summarized in Table 3.

Table 3
DO, DCO_2, and ORP Measurement Results, September 19, 2007
Simpson Samoa Former AST Site, Samoa, California

Sample Location	DO[1] (ppm)[2]	DCO_2[3] (ppm)	ORP[4] (mV)[5]
MW-1	0.46	80	-27
MW-3	0.33	100	-75
MW-4	0.37	45	-28
MW-5	0.36	65	-25

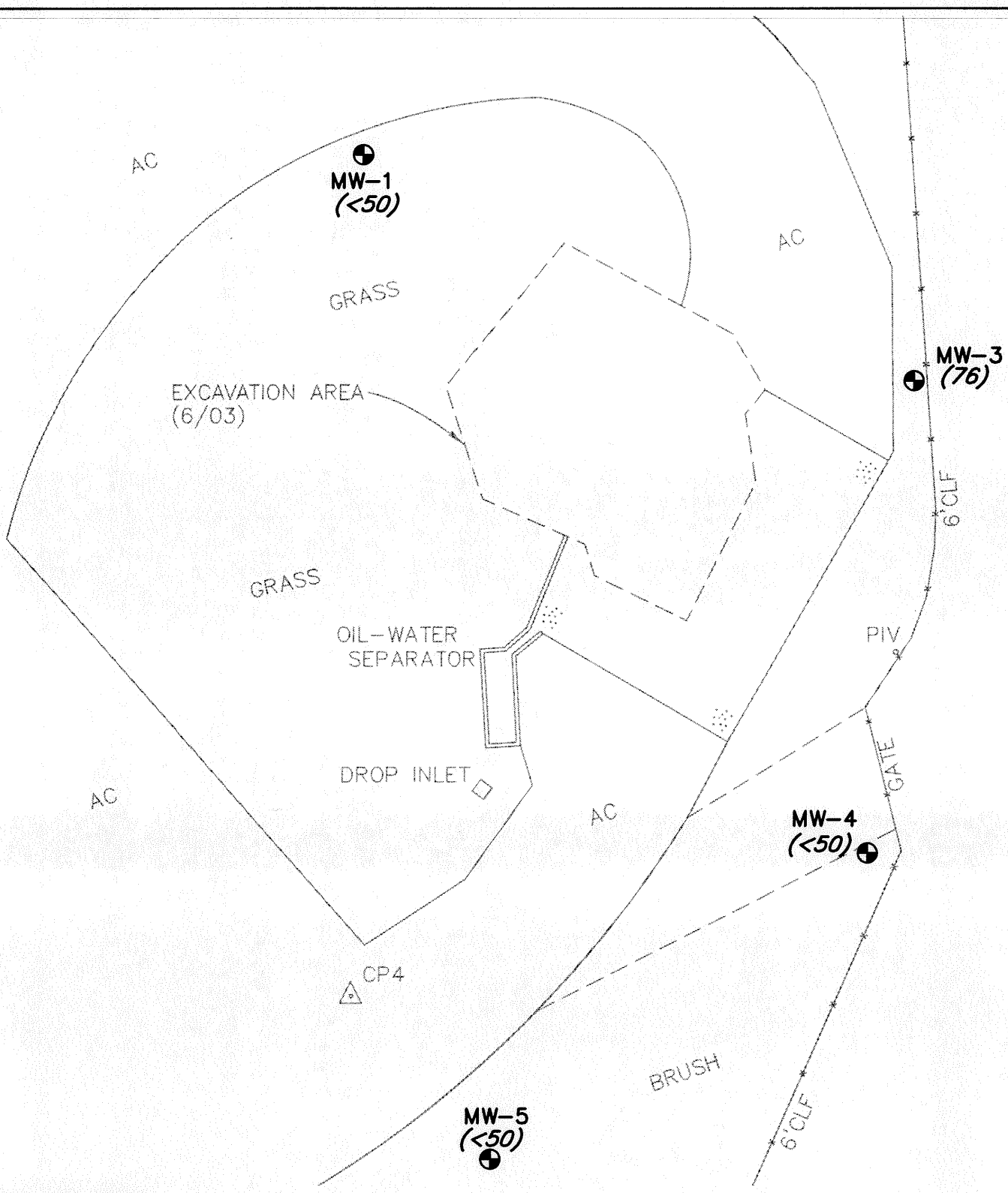
1. DO: Dissolved Oxygen, field measured using portable instrumentation
2. ppm: Measurement concentration, in parts per million
3. DCO_2: Dissolved Carbon Dioxide, field measured using a field test kit
4. ORP: Oxidation-Reduction Potential measured using portable instrumentation
5. mV: millivolts

Historic DO, DCO_2, and ORP measurement results are included in Appendix B, Table B-4.

4.0 Discussion and Future Site Activities

The results of this and previous groundwater monitoring events indicate that the TPHD present in groundwater beneath the site appears to be limited in extent, primarily in the former excavation pit. Although detectable TPHD concentrations are present in the former excavation area, it does not appear that migration of petroleum hydrocarbons is occurring.

The overall concentration trend in well MW-3 is declining, as shown in Figure 5, and appears to be the direct result of the June 2003 site remediation activities. Prior to the June 2003 site work, TPHD concentrations were as high as 2,800 ug/L. Post-remediation TPHD concentrations found in well MW-3 have routinely been lower than 1,000 ug/L. TPHD found in downgradient well MW-4 have consistently been at concentrations at, or below 500 ug/L. This information, along with biodegradation indicator data, supports that the contaminant plume is contracting as a result of natural processes.



EXPLANATION

MW-5 — EXISTING MONITORING WELL LOCATION AND DESIGNATION

(76) — TPHD CONCENTRATION IN GROUNDWATER, IN ug/L

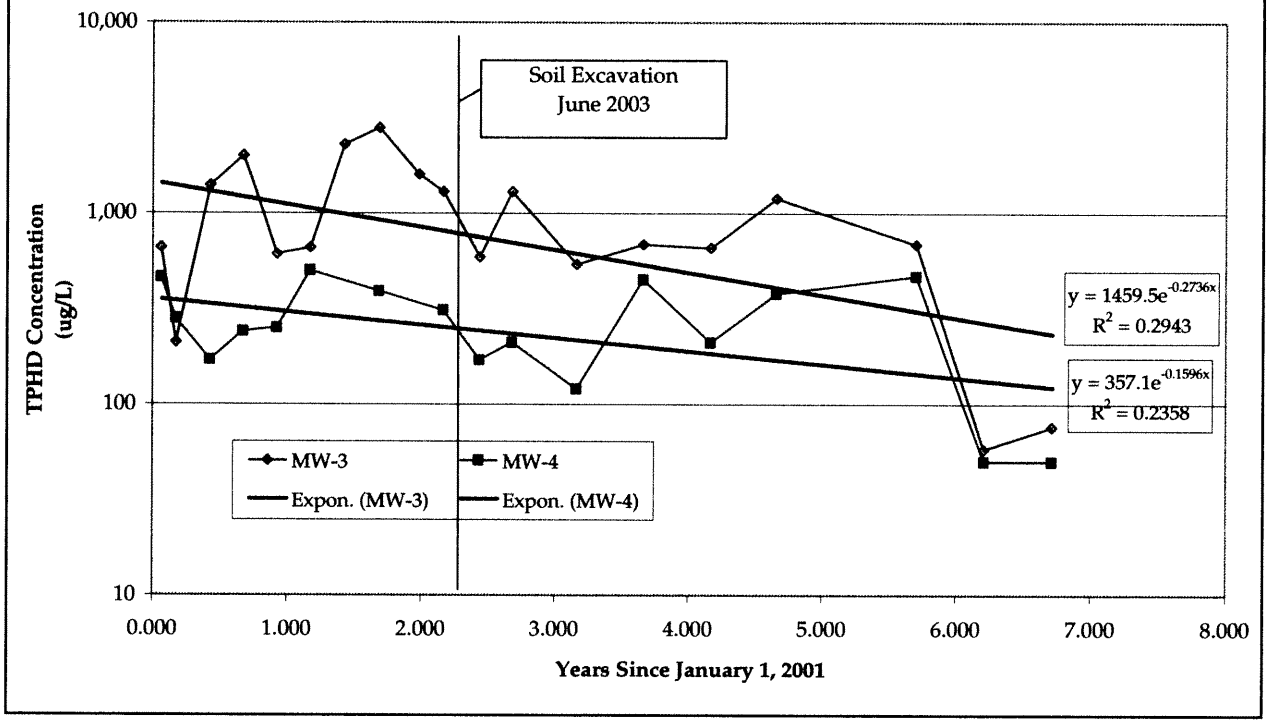
N

0 1"=30' 30

SHN Consulting Engineers & Geologists, Inc.	Simpson Samoa Corporation Samoa Diesel AST Investigation Samoa, California	TPHD Concentrations in Groundwater September 19, 2007 SHN 000060	
	November 2007	000060-TPHD-SEPT-07	Figure 4

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Figure 5
TPHD Concentration over Time, Wells MW-3 and MW-4
Former Simpson Samoa Corporation AST Location



Results of groundwater monitoring indicate that the 2003 remediation event has been successful in reducing the impact of petroleum hydrocarbons to groundwater as a result of the removal effort.

SHN recommends that a no further action letter be issued for the site and that Monitoring and Reporting Program RI-2003-09129 be rescinded. No further actions are currently planned for the site. Support for the closure request is presented in the following sections.

5.0 Summary of Findings

Following excavation of the former Aboveground Storage Tank (AST) area at the Former Simpson Samoa Corporation Aboveground Diesel Tank Site in 2003 and well point sampling in 2004, an assessment of the contaminant release on soil and groundwater at the site was complete.

A summary of the site activities is listed below.

- The subject site is the location of two former 10,000-gallon steel diesel ASTs previously used to fuel equipment and vehicles.
- In the fall of 1998, the two 10,000-gallon tanks were removed from the facility.

- On June 19, 2000, SHN conducted a site investigation, which included drilling and sampling 10 soil borings and installing and sampling 10 well points. The analytical results from this investigation indicated that TPHD is the primary petroleum hydrocarbon impacting soil and groundwater in the vicinity of the former ASTs (SHN, 2000). Soil and groundwater sample analytical results are presented in Appendix B, Tables B-3 and B-6, respectively.
- On January 18 and 19, 2001, 5 soil borings (MW-1 through MW-5) were drilled and sampled in and around the area of the former ASTs. Analytical results from this installation support that TPHD is the primary petroleum hydrocarbon impacting soil at this site. Each boring was subsequently converted into a groundwater monitoring well and a groundwater-monitoring program was initiated (SHN, 2001).
- On June 12, 2002, four exploratory soil borings were installed at the site. One soil sample was collected from each soil boring and submitted for laboratory analyses. In addition, well points were installed and sampled in each boring. Analytical results were reported with TPHD as the only petroleum hydrocarbon detected in soil and groundwater from these borings (SHN, 2002).
- Between May 30 and June 3, 2003, approximately 684 tons of petroleum hydrocarbon-impacted soil was removed from the site by means of excavation. Eight soil samples were collected from the excavated area and TPHD was found in 7 of the 8 soil samples (SHN, 2004).
- Using the soil stockpile analytical results and the volume of soil excavated, it is estimated that approximately 15,424 pounds of petroleum product were excavated and removed from the site. This translates into approximately 2,270 gallons of diesel fuel product (SHN, 2003).
- The subsurface lithology consists of fine-grained sand with minor amounts of silt, overlain by gravel and sand fill material.

6.0 Closure Request

Based on the information presented here and in previous reports, SHN concludes that results from site investigations and groundwater monitoring data support the request for site closure at the Former Simpson Samoa Corporation Aboveground Diesel Tank Site. The former ASTs have been removed from the site and the contaminant-impacted soil from the AST area has been excavated. Results from subsurface investigations and groundwater monitoring have indicated that TPHD is the only constituent of concern at this site and due to remedial action poses no long-term threat to water quality. The following evidence supports this request for closure.

- TPHD concentrations in all active site monitoring wells have been lower than the taste and odor threshold (100 ug/L) or below the method-reporting limit (50 ug/L) during the 2007 semi-annual sampling events.
- The overall concentration trends in downgradient monitoring wells MW-3 and MW-4 are declining.

- Since the 2003 remediation, monitoring data suggests that the downgradient edge of the contaminant plume has been dramatically reduced as a result of natural processes.
- Free product thickness and recovery data collected from well MW-2 from November 2001 to March 2003 (Table B-5) showed a decreasing trend. The area of contamination was completely removed during the 2003 remediation activities.
- Intrinsic bioremediation parameters indicate that Monitored Natural Attenuation (MNA) is occurring at the site.
- The closest sensitive receptor is Humboldt Bay, approximately 800 feet to the south of the site, and has not been impacted.

Simpson Samoa Corporation has complied with all items requested by the California Regional Water Quality Control Board, North Coast Region (RWQCB). The area has been adequately characterized and water quality goals have been or will be achieved in a reasonable timeframe. Remediation of the site has occurred to the maximum extent practicable. No sensitive receptors have been impacted.

Based on the information collected to date and discussion with the RWQCB, SHN requests that the site be considered for closure. SHN requests that the monitoring and reporting program be rescinded. No further activities are planned for the site. Upon receipt of a No Further Action Letter for the site, SHN will properly abandon all groundwater-monitoring wells at the site using appropriate procedures mandated by the RWQCB and the HCDEH.

7.0 References Cited

SHN Consulting Engineers & Geologists, Inc. (August, 2000). *Preliminary Site Investigation Report of Findings, Above Ground Diesel Storage Tank, Simpson Samoa Corporation, Samoa Facility, Samoa, California.* Eureka: SHN.

---. (October 2003). *Soil Excavation Report of Findings, Former Diesel Aboveground Tank Site, Simpson Samoa Corporation, Samoa Facility, Samoa, California.* Eureka: SHN.

---. (February, 2001). *Monitoring Well Installation Report of Findings. Former Aboveground Diesel Tank Investigation, Samoa California,* Eureka: SHN.

---. (August, 2002). *Additional Site Investigation and Quarterly Groundwater Monitoring Report, Former Aboveground Diesel Tank Site, Samoa California.* Eureka: SHN.

Appendix A

Field Notes

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 •shninfo@shn-engr.com

Daily Field Report

Job No. 000060

Page of

Project Name	Client/Owner	Weather	
Simpson Samoa AST	Simpson	Partly Cloudy	
General Location of Work	Project Engineer	Date	Day of Week
Samoa, Ca.	Frans Lowman	9/19/07	Wed.
Type of Work	Supervisor	Technician	
Ground Water Sampling		Dustin Tibbetts.	

0945	On site Open up all wells Taking water levels and DO readings.	
1043	Purging MW-5 with a disposable bailer. All purge water was caught in 5gal. buckets.	
1105	Sampled MW-5 with it's bailer. Locked up well.	MW-5
1110	Purging MW-1 with a disposable bailer. All purge water was caught in 5 gal. buckets.	
1130	~~Purging MW-4~~. Sampled MW-1 with it's bailer. Locked up well.	MW-1
1139	Purging MW-4 with a disposable bailer. All purge water was caught in 5gal. buckets.	
1200	Sampled MW-4 with it's bailer. Locked up well.	MW-4
1206	Purging MW-3 with a disposable bailer. All purge water was caught in 5gal. buckets.	
1230	Sampled MW-3 with it's bailer. Locked up well.	MW-3
1234	Clean and loaded up.	
1245	Off site.	

Well	Purged	Sampled
MW-1	Yes	Yes
MW-3		
MW-4		
MW-5		

Note: All purge and decon water was transported to SHN's P.W.S.T. located at 812 W. Wabash Ave. Eureka, Ca. 21 gallons total.

Copy given to:

Reported By: Dustin Tibbetts

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EQUIPMENT CALIBRATION SHEET

Name: Dustin Tibbets

Project Name: Simpson Samoa AST

Reference No.: 000060

Date: 9/19/07

Equipment: ☒ pH & EC ☐ PID ☐ $GTCO_2$ ☐ GTLEL
☐ Turbidity ☒ Other Dissolved Oxygen meter

Description of Calibration Procedure and Results:

pH meter calibrated using a 2 buffer method with a pH 7.00 and 4.01.

DO meter altimeter was set to 0.

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Groundwater Elevations

Job No.: 000060 Name: Dustin Tibbets

Client: Simpson Samoa CORP Date: 9/19/07

Location: Samoa, Ca. Weather: Partly Cloudy

Sample Location	Time of Reading	Top of Casing Elevation (feet)	Depth To Water (feet)	Water Surface Elevation (feet)
MW-1	1008	14.74	7.11	7.63
MW-3	1011	12.54	5.14	7.40
MW-4	1009	12.24	4.95	7.29
MW-5	1006	11.98	4.49	7.49

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Water Sampling Data Sheet

Project Name:	Simpson Samoa AST	Date/Time:	7/19/07
Project No.:	000060	Sampler Name:	Dustin Tibbets
Location:	Samoa, Ca.	Sample Type:	Ground Water
Well #:	MW-1	Weather	Partly Cloudy
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
15.00	-	7.11	=	7.89	x	0.163	=	1.29 x 3 = 3.86

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F/C)	pH	Water Removed (gal)	Comments
1024	.46	-- --	-- --	-- --	-- --	-- --	0.0 gal.	
1113	-- --	80	-27	-- --	-- --	-- --	0.25 gal.	
1116	-- --	-- --	-- --	273	17.6°	5.85	1.50 gal.	
1119	No Flow	-- --	-- --	295	17.3°	5.91	3 gal.	
1122	Thru Cell	-- --	-- --	291	17.0°	5.90	4 gal.	

Purge Method: Hand Bail

Total Volume Removed: 4 (gal)

Laboratory Information				
Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-1	2 - 60ml VOA	None	NCL	TPHD

Well Condition:

Remarks:

Recharged to: 7.20

Sample time: 1130

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Water Sampling Data Sheet

Project Name:	Simpson Samoa AST	Date/Time:	9/19/07
Project No.:	000060	Sampler Name:	Dustin Tibbets
Location:	Samoa, Ca.	Sample Type:	Ground Water
Well #:	MW-3	Weather	Partly Cloudy
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
14.60	-	5.14	=	9.46	x	0.163	=	1.54x3=4.63

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F) °C	pH	Water Removed (gal)	Comments
1033	.33	-- --	-- --	-- --	-- --	-- --	0.0 gal.	
1210	-- --	100	-75	-- --	-- --	-- --	0.25 gal.	
1212	-- --	-- --	-- --	455	18.5°	6.54	1.75 gal.	
1215	No Flow	-- --	-- --	456	18.8°	6.51	3.50 gal.	
1219	Thru Cell	-- --	-- --	464	18.7°	6.50	4.75 gal.	

Purge Method: Hand Bail

Total Volume Removed: 4.75 (gal)

Laboratory Information				
Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-3	2 – 60ml VOA	None	NCL	TPHD

Well Condition:

Remarks:

Recharged to: 5.15 Sample time: 1230

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Water Sampling Data Sheet

Project Name:	Simpson Samoa AST	Date/Time:	9/19/07
Project No.:	000060	Sampler Name:	Dustin Tibbets
Location:	Samoa, Ca.	Sample Type:	Ground Water
Well #:	MW-4	Weather	Partly Cloudy
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
15.25	-	4.95	=	10.30	x	0.163	=	1.68 x 3 = 5.04

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F) °C	pH	Water Removed (gal)	Comments
1028	.37	-- --	-- --	-- --	-- --	-- --	0.0 gal.	
1142	-- --	45	-28	-- --	-- --	-- --	0.25 gal.	
1144	-- --	-- --	-- --	468	12.6°	6.65	1.75 gal.	
1149	No Flow	-- --	-- --	482	12.9°	6.63	3.50 gal.	
1152	Thru Cell	-- --	-- --	502	12.7°	6.61	5.25 gal.	

Purge Method: Hand Bail

Total Volume Removed: 5.25 (gal)

Laboratory Information				
Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-4	2 - 60ml VOA	None	NCL	TPHD

Well Condition:

Remarks:

Recharged to: 4.98 Sample time: 1200

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Water Sampling Data Sheet

Project Name:	Simpson Samoa AST	Date/Time:	9/19/07
Project No.:	000060	Sampler Name:	Dustin Tibbets
Location:	Samoa, Ca.	Sample Type:	Ground Water
Well #:	MW-5	Weather	Partly Cloudy
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
15.20	-	4.49	=	10.71	x	0.163	=	1.75x3=5.24

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F) °C	pH	Water Removed (gal)	Comments
1021	.36	-- --	-- --	-- --	-- --	-- --	0.0 gal.	
1045	-- --	65	-25	-- --	-- --	-- --	0.25 gal.	
1047	-- --	-- --	-- --	484	19.1°	6.78	1.75 gal.	
1051	No Flow	-- --	-- --	401	18.9°	6.86	3.50 gal.	
1054	Thru Cell	-- --	-- --	400	19.0°	6.89	5.25 gal.	

Purge Method: Hand Bail

Total Volume Removed: 5.25 (gal)

Laboratory Information				
Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-5	2 - 60ml VOA	None	NCL	TPHD

Well Condition:

Remarks:

Recharged to: 4.61 Sample time: 1105

Client Name: **SIMPSON SAMOA**

The water from your site: **SAMOA, CA; LOP# 1NHU7645**

SHN ref # **000060** Collected On: **9/19/2007**

Has been tested and certified as acceptable to be discharged into the City of Eureka municipal sewer system.

Amount Discharged: **21 GALLONS**

Date Discharged: **10/26/2007**

Certified by: **DUSTIN TIBBETS**

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.

City of Eureka Wastewater Discharge Permit #65

Client Name: **SIMPSON SAMOA**

The water from your site: **SAMOA CA. LOP# 1NHU7645**

SHN ref # **000060** Collected On: **3/19/2007**

Has been tested and certified as acceptable to be discharged into the City of Eureka municipal sewer system.

Amount Discharged: **26 GALLONS**

Date Discharged: **5/25/2007**

Certified by: **DUSTIN TIBBETS**

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.

City of Eureka Wastewater Discharge Permit #65

Appendix B

Historic Monitoring Data

Table B-1
Well Construction Details
Simpson Samoa Former AST Site, Samoa, California

Sample Location	Date Installed	Well (feet BGS)[1]	Casing Material	Slot Size (inches)	Interval (feet BGS)	Interval (feet BGS)	Bentonite Seal (feet BGS)
MW-1	January 18 & 19, 2001	15	2-inch I.D., Schedule 40 Polyvinyl Chloride	0.010	5-15	4-15	2-4
MW-2[2]	January 18 & 19, 2001	15		0.010	5-15	4-15	2-4
MW-3	January 18 & 19, 2001	15		0.010	5-15	4-15	2-4
MW-4	January 18 & 19, 2001	15		0.010	5-15	4-15	2-4
MW-5	January 18 & 19, 2001	15		0.010	5-15	4-15	2-4

1. BGS: Below Ground Surface
2. Well MW-2 Destroyed 6/2/03

Table B-2
Historic Groundwater Elevation Data, Quarterly Sampling
Simpson Samoa Former AST Site, Samoa, California

Sample Location	Sample Date	Top of Casing Elevation (feet MSL)[1]	Depth to Water[2] (feet)	Groundwater Elevation (feet MSL)
MW-1	2/9/01	14.74	6.94	7.80
	3/7/01		6.35	8.39
	4/6/01		6.79	7.95
	5/7/01		7.13	7.61
	6/7/01		7.41	7.33
	7/16/01		7.68	7.06
	8/6/01		7.84	6.90
	9/6/01		8.00	6.74
	10/5/01		8.11	6.63
	11/6/01		8.13	6.61
	12/6/01		6.44	8.30
	2/8/02		4.60	10.14
	3/6/02		4.52	10.22
	6/7/02		5.89	8.85
	9/10/02		7.21	7.53
	12/27/02		4.85	9.89
	3/4/03		4.01	10.73
	6/11/03		4.78	9.96
	9/8/03		6.27	8.47
	3/2/04		3.76	10.98
	9/1/04		7.07	7.67
	3/4/05		4.59	10.15
	8/30/05		6.52	8.22
	9/15/06		6.56	8.18
	3/19/07		4.26	10.48
	9/19/07		7.11	7.63
MW-2	2/9/01	12.64	5.02	7.62
	3/7/01		4.51	8.13
	4/6/01		4.91	7.73
	5/7/01		5.27	7.37
	6/7/01		5.54	7.10
	7/16/01		5.77	6.87
	8/6/01		5.97	6.67
	9/6/01		6.53	6.11
	10/5/01		(5.76)/NM[3]	NA[4]
	11/6/01		(5.60)/9.43	NA
	12/6/01		(4.62)/6.57	NA
	2/8/02		3.08	9.56
	3/6/02		NM	NA
	6/7/02		4.38	8.26
	9/10/02		5.51	7.13
	12/27/02		3.76	8.88
	3/4/03		2.22	10.42
Well MW-2 Destroyed 6/2/03				

Table B-2 Historic Groundwater Elevation Data, Quarterly Sampling Simpson Samoa Former AST Site, Samoa, California				
Sample Location	**Sample Date**	**Top of Casing Elevation (feet MSL)[1]**	**Depth to Water[2] (feet)**	**Groundwater Elevation (feet MSL)**
MW-3	2/9/01	12.54	4.57	7.97
	3/7/01		4.00	8.54
	4/6/01		4.59	7.95
	5/7/01		4.98	7.56
	6/7/01		5.28	7.26
	7/16/01		5.54	7.00
	8/6/01		5.74	6.80
	9/6/01		5.89	6.65
	10/5/01		5.99	6.55
	11/6/01		5.98	6.56
	12/6/01		3.95	8.59
	2/8/02		2.65	9.89
	3/6/02		2.65	9.89
	6/7/02		4.13	8.41
	9/10/02		5.28	7.26
	12/27/02		2.81	9.73
	3/4/03		2.13	10.41
	6/11/03		3.03	9.51
	9/8/03		4.33	8.21
	3/2/04		1.99	10.55
	9/1/04		5.09	7.45
	3/4/05		3.01	9.53
	8/30/05		4.57	7.97
	9/15/06		4.64	7.90
	3/19/07		2.43	10.11
	9/19/07		5.14	7.40
MW-4	2/9/01	12.24	4.68	7.56
	3/7/01		4.09	8.15
	4/6/01		4.43	7.81
	5/7/01		4.85	7.39
	6/7/01		5.19	7.05
	7/16/01		5.36	6.88
	8/6/01		5.55	6.69
	9/6/01		5.65	6.59
	10/5/01		5.74	6.50
	11/6/01		5.67	6.57
	12/6/01		3.78	8.46
	2/8/02		2.63	9.61
	3/6/02		2.77	9.47
	6/7/02		4.06	8.18
	9/10/02		5.11	7.13
	12/27/02		2.79	9.45
	3/4/03		2.08	10.16

Table B-2
Historic Groundwater Elevation Data, Quarterly Sampling
Simpson Samoa Former AST Site, Samoa, California

Sample Location	Sample Date	Top of Casing Elevation (feet MSL)[1]	Depth to Water[2] (feet)	Groundwater Elevation (feet MSL)
MW-4 (cont'd)	6/11/03	12.24	2.97	9.27
	9/8/03		4.09	8.15
	3/2/04		2.01	10.23
	9/1/04		4.91	7.33
	3/4/05		2.98	9.26
	8/30/05		4.37	7.87
	9/15/06		4.45	7.79
	3/19/07		2.37	9.87
	9/19/07		4.95	7.29
MW-5	2/9/01	11.98	3.31	8.67
	3/7/01		3.38	8.60
	4/6/01		3.63	8.35
	5/7/01		4.19	7.79
	6/7/01		4.60	7.38
	7/16/01		4.83	7.15
	8/6/01		4.99	6.99
	9/6/01		5.17	6.81
	10/5/01		5.28	6.70
	11/6/01		5.05	6.93
	12/6/01		3.14	8.84
	2/8/02		3.03	8.95
	3/6/02		3.07	8.91
	6/7/02		3.64	8.34
	9/10/02		4.50	7.48
	12/27/02		2.35	9.63
	3/4/03		3.02	8.96
	6/11/03		3.3	8.68
	9/8/03		3.75	8.23
	3/2/04		3.04	8.94
	9/1/04		4.33	7.65
	3/4/05		3.07	8.91
	8/30/05		3.86	8.12
	9/15/06		4.00	7.98
	3/19/07		2.88	9.10
	9/19/07		4.49	7.49

1. MSL: Mean Sea Level
2. Below top of casing
3. NM: Not Measured
4. NA: Not Applicable

Table B-3
Historic Groundwater Analytical Results
Simpson Samoa Former AST Site, Samoa, California
(in ug/L)[1]

Sample Location	Sample Date	TPHG[2]	TPHD[3]	B[4]	T[4]	E[4]	X[4]	MTBE[5]	ETH[6]	Fuel Oxygenates[7]
WP-1	6/19/00	NA[8]	**510**	<0.5[9]	<0.5	<0.5	<0.5	<3.0	NA	NA
WP-2	6/19/00	NA	**3,100**	<1.0	<1.0	<1.0	<1.0	<6.0	NA	NA
WP-3	6/19/00	NA	**11,000**	<2.5	<2.5	<2.5	<2.5	<15	NA	NA
WP-4	6/19/00	NA	**1,100**	<0.5	<0.5	<0.5	<0.5	<3.0	NA	NA
WP-5	6/19/00	NA	**480**	<0.5	<0.5	<0.5	<0.5	**3.3**	NA	NA
WP-6	6/19/00	NA	**2,000**	<1.0	<1.0	<1.0	<1.0	**11**	NA	NA
WP-7	6/19/00	NA	**360**	<0.5	<0.5	<0.5	<0.5	**7.7**	NA	NA
WP-9	6/19/00	NA	**76**	<0.5	<0.5	<0.5	<0.5	<3.0	NA	NA
WP-10	6/19/00	NA	**170**	<0.5	<0.5	<0.5	<0.5	<3.0	NA	NA
Tank	6/3/03	NA	**39,000**	<0.50	<0.50	<0.50	<0.50	NS	NA	NA
MW-1	1/25/01	<50	**270**	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	NA
	3/7/01	<50	**130**	<0.50	<0.50	<0.50	<0.50	<0.50	NA	ND[10]
	6/7/01	<50	**160**	<0.50	<0.50	<0.50	<0.50	<0.50	NA	ND
	9/6/01	<50	**73**	<0.50	<0.50	<0.50	<0.50	<0.50	<500	ND
	12/6/01	<50	**100**	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	ND except Methanol: 61
	3/6/02	<50	**110**	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	ND
	9/10/02	<50	**190**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	3/4/03	<50	**95**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	6/11/03	<50	**68**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	9/8/03	<50	**120**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	3/2/04	NA	<50	NA	NA	NA	NA	NA	NA	NA
	9/1/04	NA	**200**	NA	NA	NA	NA	NA	NA	NA
	3/4/05	NA	<50	NA	NA	NA	NA	NA	NA	NA
	8/30/05	NA	**68**	NA	NA	NA	NA	NA	NA	NA
	9/15/06	NA	**120**	NA	NA	NA	NA	NA	NA	NA
	3/19/07	NA	<50	NA	NA	NA	NA	NA	NA	NA
	9/19/07	NA	<50	NA	NA	NA	NA	NA	NA	NA
MW-2	1/26/01	**360**	**4,700**	<0.50	**0.61**	<0.50	**1.0**	<0.50	<5.0	NA
	3/7/01	**210**	**2,900**	<0.50	<0.50	<0.50	**1.8**	<0.50	NA	ND
	6/7/01	<250	**3,300**	<1.3	<1.3	<1.3	<1.3	<1.3	NA	ND
	9/6/01	**450**	**12,000**	<1.0	<1.0	<1.0	<1.0	<1.0	<1,000	ND
	12/6/01	NS[11]	NS	NS	NS	NS	NS	NS	NS	NS
	3/6/02	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/10/02	**490**	**18,000**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	3/4/03	**380**	**12,000**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
Well MW-2 Destroyed 6/2/03										

Table B-3
Historic Groundwater Analytical Results
Simpson Samoa Former AST Site, Samoa, California
(in ug/L)[1]

Sample Location	Sample Date	TPHG[2]	TPHD[3]	B[4]	T[4]	E[4]	X[4]	MTBE[5]	ETH[6]	Fuel Oxygenates[7]
MW-3	1/25/01	<50	**660**	<0.50	**1.4**	<0.50	<0.50	<0.50	**15**	NA
	3/7/01	<50	**210**	<0.50	<0.50	<0.50	<0.50	<0.50	NA	ND
	6/7/01	<250	**1,400**	<1.3	<1.3	<1.3	<1.3	**8.6**	NA	ND
	9/6/01	<200	**2,000**	<1.0	<1.0	<1.0	<1.0	**7.9**	<1,000	ND
	12/6/01	<200	**610**	<1.0	<1.0	<1.0	<1.0	**4.9**	<5.0	ND
	3/6/02	<200	**660**	<1.0	<1.0	<1.0	<1.0	**2.8**	<5.0	ND
	6/7/02	**93**	**2,300**	<0.50	<0.50	<0.50	<0.50	**2.5**	NA	ND
	9/10/02	**160**	**2,800**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	12/27/02	**86**	**1,600**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	3/4/03	**84**	**1,300**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	6/11/03	<50	**590**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	9/8/03	**74**	**1,300**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	3/2/04	NA	**540**	NA	NA	NA	NA	NA	NA	NA
	9/1/04	NA	**690**	NA	NA	NA	NA	NA	NA	NA
	3/4/05	NA	**660**	NA	NA	NA	NA	NA	NA	NA
	8/30/05	NA	**1,200**	NA	NA	NA	NA	NA	NA	NA
	9/15/06	NA	**690**	NA	NA	NA	NA	NA	NA	NA
	3/19/07	NA	**58**	NA	NA	NA	NA	NA	NA	NA
	9/19/07	NA	**76**	NA	NA	NA	NA	NA	NA	NA
MW-4	1/26/01	<50	**460**	<0.50	<0.50	<0.50	<0.50	**4.4**	<5.0	NA
	3/7/01	<50	**280**	<0.50	<0.50	<0.50	<0.50	**5.0**	NA	ND
	6/7/01	<100	**170**	<0.50	<0.50	<0.50	<0.50	**2.6**	NA	ND
	9/6/01	<50	**240**	<0.50	<0.50	<0.50	<0.50	**2.5**	<500	ND
	12/6/01	<200	**250**	<1.0	<1.0	<1.0	<1.0	**2.7**	<5.0	ND
	3/6/02	<200	**500**	<1.0	<1.0	<1.0	<1.0	**6.4**	<5.0	ND
	9/10/02	<50	**390**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	3/4/03	<50	**310**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	6/11/03	<50	**170**	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	9/8/03	<50	**210**	<0.50	<0.50	<0.50	<0.50	**3.0**	NA	NA
	3/2/04	NA	**120**	NA	NA	NA	NA	NA	NA	NA
	9/1/04	NA	**450**	NA	NA	NA	NA	NA	NA	NA
	3/4/05	NA	**210**	NA	NA	NA	NA	NA	NA	NA
	8/30/05	NA	**380**	NA	NA	NA	NA	NA	NA	NA
	9/15/06	NA	**470**	NA	NA	NA	NA	NA	NA	NA
	3/19/07	NA	<50	NA	NA	NA	NA	NA	NA	NA
	9/19/07	NA	<50	NA	NA	NA	NA	NA	NA	NA

Table B-3
Historic Groundwater Analytical Results
Simpson Samoa Former AST Site, Samoa, California
(in ug/L)[1]

Sample Location	Sample Date	TPHG[2]	TPHD[3]	B[4]	T[4]	E[4]	X[4]	MTBE[5]	ETH[6]	Fuel Oxygenates[7]
MW-5	1/26/01	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	NA
	3/7/01	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	ND
	6/7/01	<50	<50	<0.50	**0.96**	<0.50	<0.50	<0.50	NA	ND
	9/6/01	<50	<50	<0.50	**0.50**	<0.50	<0.50	<0.50	<500	ND
	12/6/01	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	ND
	3/6/02	<50	**66**	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	ND
	9/10/02	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	3/4/03	<50	150	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	6/11/03	<50	150	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	9/8/03	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0	NA	NA
	3/2/04	NA	**81**	NA	NA	NA	NA	NA	NA	NA
	9/1/04	NA	**51**	NA	NA	NA	NA	NA	NA	NA
	3/4/05	NA	<50	NA	NA	NA	NA	NA	NA	NA
	8/30/05	NA	<50	NA	NA	NA	NA	NA	NA	NA
	9/15/06	NA	**73**	NA	NA	NA	NA	NA	NA	NA
	3/19/07	NA	<50	NA	NA	NA	NA	NA	NA	NA
	9/19/07	NA	<50	NA	NA	NA	NA	NA	NA	NA
WP-101	6/12/02	NA	**120**	<0.5	<0.5	<0.5	<0.5	<3.0	NA	NA
WP-102	6/12/02	NA	**140**	<0.5	<0.5	<0.5	<0.5	<3.0	NA	NA
WP-103	6/12/02	NA	**110**	<0.5	<0.5	<0.5	<0.5	<3.0	NA	NA
WP-104	6/12/02	NA	**140**	<0.5	<0.5	<0.5	<0.5	<3.0	NA	NA
WP-201@ 3'-6'	9/1/04	NA	**24,000**	NA	NA	NA	NA	NA	NA	NA
WP-201@ 6'-9'	9/1/04	NA	**420**	NA	NA	NA	NA	NA	NA	NA

1. ug/L: micrograms per Liter
2. TPHG: Total Petroleum Hydrocarbons as Gasoline, analyzed in general accordance with U.S. Environmental Protection Agency (EPA) Method No. 8260B
3. TPHD: Total Petroleum Hydrocarbons as Diesel, analyzed in general accordance with EPA Method No. 3510
4. BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes, analyzed in general accordance with EPA Method No.
5. MTBE: Methyl Tertiary-Butyl Ether, analyzed in general accordance with EPA Method No. 8260B
6. ETH: Ethanol, analyzed in accordance with EPA Method No. 8260B
7. Fuel oxygenates: Diisopropyl Ether, Ethyl Tertiary-Butyl Ether, Tertiary-Amyl Methyl Ether, Tertiary-Butyl Alcohol, methanol, and ethanol, analyzed in general accordance with EPA Method No. 8260B
8. NA: Not Analyzed
9. <: Denotes a value that is "less than" the method detection limit.
10. ND: Not present at the laboratory detection limit
11. NS: Not Sampled

Table B-4 Historic DO, DCO_2, and ORP Measurement Results Simpson Samoa Former AST Site, Samoa, California				
Sample Location	**Sample Date**	**DO[1] (ppm)[2]**	**DCO_2[3] (ppm)**	**ORP[4] (mV)[5]**
MW-1	3/7/01	0.64	170	77
	6/7/01	0.37	150	108
	9/6/01	0.18	140	162
	12/6/01	0.42	130	47
	3/6/02	0.28	150	99
	9/10/02	0.27	120	179
	3/4/03	0.53	100	236
	6/11/03	0.42	130	249
	9/8/03	0.63	150	257
	3/2/04	0.63	70	287
	9/1/04	0.51	120	8
	3/4/05	0.74	150	72
	8/30/05	1.23	200	-42
	9/15/06	0.18	220	-76
	3/19/07	0.04	50	-44
	9/19/07	0.46	80	-27
MW-2	3/7/01	0.37	170	-6
	6/7/01	0.08	225	10
	9/6/01	0.11	200	84
	12/6/01	NM[6]	NM	NM
	3/6/02	NM	NM	NM
	9/10/02	NM	147	250
	3/4/03	1.13	180	218
Well MW-2 Destroyed 6/2/03				
MW-3	3/7/01	0.72	150	-7
	6/7/01	0.45	230	2
	9/6/01	0.18	200	67
	12/6/01	0.42	120	11
	3/6/02	0.48	150	83
	6/7/02	0.69	200	80
	9/10/02	0.78	160	145
	12/27/02	0.91	170	233
	3/4/03	0.55	170	246
	6/11/03	0.43	140	229
	9/8/03	0.39	130	236

Table B-4 Historic DO, DCO_2, and ORP Measurement Results Simpson Samoa Former AST Site, Samoa, California				
Sample Location	**Sample Date**	**DO[1] (ppm)[2]**	**DCO_2[3] (ppm)**	**ORP[4] (mV)[5]**
MW-3 cont'd	3/2/04	0.75	100	274
	9/1/04	1.11	120	-112
	3/4/05	0.9	100	0
	8/30/05	1.64	90	-110
	9/15/06	0.22	95	-101
	3/19/07	0.05	95	-98
	9/19/07	0.33	100	-75
MW-4	3/7/01	0.41	120	2
	6/7/01	0.12	160	13
	9/6/01	0.1	120	62
	12/6/01	0.32	120	66
	3/6/02	0.24	170	95
	9/10/02	0.22	80	137
	3/4/03	0.45	150	217
	6/11/03	0.31	90	231
	9/8/03	0.7	120	222
	3/2/04	0.66	150	281
	9/1/04	1.04	70	-62
	3/4/05	1.12	90	-30
	8/30/05	0.76	80	-100
	9/15/06	0.46	75	43
	3/19/07	0.18	200	-94
	9/19/07	0.37	45	-28
MW-5	3/7/01	0.45	60	-23
	6/7/01	0.07	100	-45
	9/6/01	0.13	60	36
	12/6/01	0.32	80	10
	3/6/02	0.32	100	75
	9/10/02	0.23	60	140
	3/4/03	0.63	90	228
	6/11/03	0.32	80	241
	9/8/03	0.3	80	224
	9/1/04	0.48	40	-77
	3/4/05	0.77	80	57
	8/30/05	0.77	50	-100

Table B-4
Historic DO, DCO_2, and ORP Measurement Results
Simpson Samoa Former AST Site, Samoa, California

Sample Location	Sample Date	DO[1] (ppm)[2]	DCO_2[3] (ppm)	ORP[4] (mV)[5]
MW-5 cont'd	9/15/06	0.43	90	-74
	3/19/07	0.04	50	-114
	9/19/07	0.36	65	-25

1. DO: Dissolved Oxygen, field measured using portable instrumentation.
2. ppm: Measurement concentration, in parts per million.
3. DCO_2: Dissolved Carbon Dioxide, field measured using a field test kit.
4. ORP: Oxidation-Reduction Potential measured using portable
5. mV: millivolts
6. NM: Not measured

Table B-5
Historic Monitoring Well MW-2 Free Product Recovery Data
Simpson Samoa Former AST Site, Samoa, California

Date	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Free Product Recovered (gallons)	Groundwater Recovered (gallons)	Total Fluid Recoverd (gallons)
11/6/01	5.6	9.43	3.83	0	0	0.00
11/29/01	4.55	9.45	4.90[1]	1	4.5	5.50
12/6/01	4.62	6.57	1.95	0.25	2.75	3.00
1/10/02	2.92	3.04	0.11	NR[2]	NR	NR
1/16/02	3.53	3.56	0.03	INS[3]	2	2.00
1/18/02	3.53	3.55	0.02	INS	2	2.00
1/21/02	3.43	3.44	0.01	INS	2	2.00
1/23/02	NA[4]	3.17	0	0	1	1.00
1/25/02	NA	3.29	0	0	1	1.00
2/8/02	NA	3.08	0	0	0	0.00
3/6/02	3.12	3.13	0.01	INS	2	2.00
4/17/02	NA	3.37	0	0	0.25	0.25
5/17/02	4.11	4.12	0.01	INS	2	2.00
6/7/02	4.38	4.38	<0.01[5]	INS	2	2.00
9/10/02	5.51	5.51	0	INS	1	4.80
12/27/02	3.75	3.76	0.01	INS	4	4.00
3/4/03	2.22	2.22	0	0	6.25	6.25

1. Product thickness recovered to 1.79 feet after 24 hours
2. NR: Not recorded
3. INS: Insufficient product for measurement
4. NA: Not applicable, no product present
5. <: Denotes "less than"

Table B-6
Soil Sample Analytical Results
Aboveground Diesel Storage Tanks
Simpson Samoa Corporation, Samoa, California
Results in ug/g [1]

Sample Location and Depth (feet BGS) [2]	Date	TPHD[3]	B[4]	T[4]	E[4]	X[4]	MTBE[5]
WP-1	06/19/00	**1.5**	<0.005[6]	<0.005	<0.005	<0.005	<0.05
WP-2	06/19/00	**12**	<0.005	<0.005	<0.005	<0.005	<0.05
WP-3	06/19/00	**6,100**	<0.5	<0.5	<0.5	<0.5	<5.0
WP-4	06/19/00	**1,700**	<0.5	<0.5	<0.5	<0.5	<5.0
WP-5	06/19/00	**78**	<0.005	<0.005	<0.005	<0.005	<0.05
WP-6	06/19/00	**2.1**	<0.005	<0.005	<0.005	<0.005	<0.05
WP-7	06/19/00	**37**	<0.005	**0.015**	<0.005	<0.005	<0.05
WP-8	06/19/00	**5.4**	<0.005	<0.005	<0.005	**0.0066**	<0.05
WP-9	06/19/00	**1.1**	<0.5	<0.5	<0.5	**1.72**	<5.0
WP-10	06/19/00	**5**	**0.013**	**0.0052**	<0.005	<0.005	<0.05
MW-1 4-6	01/18/01	<1.0	<0.005	**0.0056**	<0.005	<0.005	<0.050
MW-2 5.0	01/19/01	**390**	<0.005	<0.005	<0.08	<0.02	<0.050
MW-3 4-6	01/18/01	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050
MW-4 4-6	01/19/01	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050
MW-5 4-6	01/19/01	**8.4**	<0.005	**0.0052**	<0.005	0.0062	<0.050
WP-101@6'	06/02/02	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
WP-102@6.5'	06/02/02	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
WP-103@3'	06/02/02	**5**	<0.005	<0.005	<0.005	<0.005	<0.05
WP-104@4'	06/02/02	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
EP-1	06/03/03	**1,000**	<0.005	<0.005	<0.005	<0.005	<0.05
EP-2	06/03/03	**15,000**	<0.005	<0.005	<0.005	<0.005	<0.05
EP-3	06/03/03	**5,900**	<0.005	<0.005	<0.005	<0.005	<0.05
EP-4	06/03/03	**13,000**	<0.005	<0.005	<0.005	<0.005	<0.05
EP-5	06/03/03	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
EP-6	06/03/03	**25,000**	<0.005	<0.005	<0.005	<0.005	<0.05
EP-7	06/03/03	**7,000**	<0.005	<0.005	<0.005	<0.005	<0.05
EP-8	06/03/03	**8,700**	<0.005	<0.005	<0.005	<0.005	<0.05

1. ug/g: micrograms per gram
2. BGS: Below Ground Surface, Some depth sample data is not available
3. TPHD: Total Petroleum Hydrocarbons as Diesel
4. B: Benzene, T: Toluene, E: Ethylbenzene, X: Xylenes
5. MTBE: Methyl Tertiery-Butly Ether
6. <: denotes a value less than the method reporting limit

Appendix C

Laboratory Analytical Report

RECD OCT 10 2007

NORTH COAST LABORATORIES LTD.

October 09, 2007

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Attn: Diana Monroe

RE: 000060 Simpson Samoa AST

Order No.: 0709411
Invoice No.: 69734
PO No.:
ELAP No. 1247-Expires July 2008

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW-5
02A	MW-1
03A	MW-4
04A	MW-3

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

(FOR CS) Laboratory Supervisor(s)

QA Unit

Lab Manager Jesse G. Chaney, Jr.
Laboratory Director

5680 West End Road • Arcata California 95521-9202 • 707-822-4649 • FAX 707-822-6831

Printed on Recycled Paper

North Coast Laboratories, Ltd. **Date:** 09-Oct-2007

CLIENT: SHN Consulting Engineers and Geologists
Project: 000060 Simpson Samoa AST
Lab Order: 0709411

CASE NARRATIVE

TPH as Diesel passed through a Silica Gel Column:
All samples for this analysis were initially analyzed for diesel and/or motor oil. Samples that did not show material in the diesel and/or motor oil range were not passed through the silica gel column.

Sample MW-3 contains material in the diesel range of molecular weights, but the material does not exhibit the peak pattern typical of diesel oil.

NORTH COAST LABORATORIES
5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831

Date: 09-Oct-2007
WorkOrder: 0709411

ANALYTICAL REPORT

Client Sample ID: MW-5 **Received:** 9/19/2007 **Collected:** 9/19/2007 11:05
Lab ID: 0709411-01A

Test Name: TPH passed through Silica Gel Column **Reference:** EPA 3510/3630/GCFID/8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	ND	50	µg/L	1.0	9/24/2007	10/2/2007
Surrogate: N-Tricosane	104	48.5-152	% Rec	1.0	9/24/2007	10/2/2007

Client Sample ID: MW-1 **Received:** 9/19/2007 **Collected:** 9/19/2007 11:30
Lab ID: 0709411-02A

Test Name: TPH passed through Silica Gel Column **Reference:** EPA 3510/3630/GCFID/8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	ND	50	µg/L	1.0	9/24/2007	10/2/2007
Surrogate: N-Tricosane	94.7	48.5-152	% Rec	1.0	9/24/2007	10/2/2007

Client Sample ID: MW-4 **Received:** 9/19/2007 **Collected:** 9/19/2007 12:00
Lab ID: 0709411-03A

Test Name: TPH passed through Silica Gel Column **Reference:** EPA 3510/3630/GCFID/8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	ND	50	µg/L	1.0	9/24/2007	10/3/2007
Surrogate: N-Tricosane	93.7	48.5-152	% Rec	1.0	9/24/2007	10/3/2007

Client Sample ID: MW-3 **Received:** 9/19/2007 **Collected:** 9/19/2007 12:30
Lab ID: 0709411-04A

Test Name: TPH passed through Silica Gel Column **Reference:** EPA 3510/3630/GCFID/8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	76	50	µg/L	1.0	9/24/2007	10/2/2007
Surrogate: N-Tricosane	85.6	48.5-152	% Rec	1.0	9/24/2007	10/2/2007

NORTH COAST LABORATORIES
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North Coast Laboratories, Ltd.

Date: 09-Oct-2007

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0709411
Project: 000060 Simpson Samoa AST

QC SUMMARY REPORT

Method Blank

Sample ID: **MB-18941** Batch ID: **18941** Test Code: **SGTPHDW** Units: **µg/L** Analysis Date **10/2/2007 2:50:49 AM** Prep Date: **9/24/2007**
Client ID: Run ID: **ORGC14_071002B** SeqNo: **713429**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel (C12-C22)	ND	50									
N-Tricosane	55.6	0.10	50.0	0	111%	49	152	0			

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 09-Oct-2007

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0709411
Project: 000060 Simpson Samoa AST

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS-18941** Batch ID: **18941** Test Code: **SGTPHDW** Units: **µg/L** Analysis Date **10/2/2007 1:26:32 AM** Prep Date: **9/24/2007**
Client ID: Run ID: **ORGC14_071002B** SeqNo: **713427**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel (C12-C22)	515.1	50	500	0	103%	32	140	0			
N-Tricosane	61.8	0.10	50.0	0	124%	49	152	0			

Sample ID: **LCSD-18941** Batch ID: **18941** Test Code: **SGTPHDW** Units: **µg/L** Analysis Date **10/2/2007 1:47:36 AM** Prep Date: **9/24/2007**
Client ID: Run ID: **ORGC14_071002B** SeqNo: **713428**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel (C12-C22)	486.0	50	500	0	97.2%	32	140	515	5.81%	15	
N-Tricosane	59.3	0.10	50.0	0	119%	49	152	61.8	4.15%	15	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata • CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

Attention: Diana M.
Results & Invoice to: SHN
Address: 812 West Wabash Avenue
Eureka, CA 95501
Phone: 441-8855
Copies of Report to:
Sampler (Sign & Print): Dustin Sillett

LABORATORY NUMBER: 070911

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☑ STD (2–3 Wk) ☐ Other:
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By:__/__/__
Final Report: FAX ☐ Verbal ☐ By:__/__/__

PROJECT INFORMATION
Project Number: 000060
Project Name: Simpson Samoa AST
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	CONTAINER	PRESERVATIVE	ANALYSIS
	MW-5	9/19/07	1105	GW	1L		TPHD silica gel cleanup
	MW-1	"	1130	"			X
	MW-4	"	1200	"			X
	MW-3	"	1230	"			X

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

SAMPLE CONDITION/SPECIAL INSTRUCTIONS
EDF

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Dustin Sillett	9/19/07	[signature]	9/19/07 1258

SAMPLE DISPOSAL
☐ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

AOI-1
BLACK LIQUOR PROCESS
AND RECOVERY AREA

AOI-2
BLEACH PLANT

AOI-10
PETROLEUM HYDROCARBON
STORAGE AREA

AOI-9
OFF-LOADING
AREA

AOI-3
RECAUSTICISING
AREA

AOI-4
HOT WATER HEATER/
FORMER DIESEL
STORAGE TANK

AOI-5
PROCESS CHEMICAL
STORAGE

AOI-6
LEACHFIELD

AOI-7
BONEYARD

AOI-8
VOC AREA
SOUTHEAST

MW-1
MW-2
MW-3
MW-4
MW-5
MW-5D
MW-6
MW-7
MW-8
MW-9
MW-9I
MW-10
MW-11
MW-11I
MW-12
MW-13
MW-13I
MW-13D
MW-14
MW-15
MW-15D
MW-16
MW-16D
MW-17
MW-18
MW-19
MW-20
MW-20D
MW-21D
MW-22I
MW-23
MW-23I
MW-24

1
2
3
4
5

NEW NAVY BASE ROAD

HUMBOLDT BAY

EXPLANATION

- MONITORING WELL LOCATION (SHALLOW OR INTERMEDIATE)
- MONITORING WELL LOCATION (DEEP)
- AREAS OF INTEREST
- PROPOSED BUILDING LOCATIONS

APPROXIMATE AREA OF IMPACT

- CHLORINATED HYDROCARBONS
- METALS (As, Mn, Cr)
- pH/COLOR

0 250
FEET

1"=250'±

NOTE: ALL LOCATIONS ARE APPROXIMATE
SERVICE LAYER CREDITS: SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY

Nordic Aquafarms California, LLC.
Interim Measures Work Plan
Samoa Peninsula, Humboldt County, California

Contaminants of Potential Concern in Groundwater
SHN 019146.050

October 2020 | Figure5_ContaminentsOfConcernGW | Figure 5

Path: C:\Users\Harri\Desktop\Figure5_ContaminentsOfConcernGW.mxd User Name: Harri DATE: 10/15/20, 9:36PM

ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

SITE NAME: SAMOA – REDWOOD MARINE TERMINAL 1

SITE ADDRESS:

DATE: 1/10/22

TETRA TECH PROJECT NUMBER:

PREPARED BY: RICHARD PERRY

How long have you owned/occupied the property? N/A

GENERAL QUESTIONS REGARDING PROPERTY CONDITION

ASTM RELATED QUESTIONS

	QUESTION	Owner			Occupant			Observed			COMMENTS
		Y	N	U	Y	N	U	Y	N	U	
1a	Is the property used for an industrial use?							X			
1b	Is any adjoining property used for an industrial use?							X			
2a	Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?							X			
2b	Did you observe evidence or do you have any prior knowledge that the adjoining property has been used for an industrial use in the past?							X			
3a	Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? (If applicable, identify which.)								X		
3b	Is the adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? (If applicable, identify which.)								X		

Tetra Tech, Inc.
1999 Harrison Street, Suite 500
Oakland, California 94612

ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

	QUESTION	Owner			Occupant			Observed			COMMENTS
		Y	N	U	Y	N	U	Y	N	U	
4a	Did you observe evidence or do you have any prior knowledge that the property has 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? (If applicable, identify which.)								X		
4b	Did you observe evidence or do you have any prior knowledge that the adjoining property has 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? (If applicable, identify which.)								X		
5a	Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints or other chemicals in individual containers of > 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?								X		
5b	Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, pesticides, paints or other chemicals in individual containers of > 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?								X		
6a	Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?								X		
6b	Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?									X	
7a	Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?								X		
7b	Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?								X		

Tetra Tech, Inc.
1999 Harrison Street, Suite 500
Oakland, California 94612

ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

	QUESTION	Owner			Occupant			Observed			COMMENTS
		Y	N	U	Y	N	U	Y	N	U	
8a	Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?							X			
8b	Did you observe evidence or do you have any prior knowledge that there have been previously any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?								X		
9a	Is there currently any stained soil on the property?								X		
9b	Did you observe evidence or do you have any prior knowledge that there has been previously any stained soil on the property?								X		
10a	Are there currently any registered or unregistered storage tanks (above or underground) located on the property?								X		
10b	Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?									X	
11a	Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure on the property?								X		
11b	Did you observe evidence or do you have any prior knowledge that there have 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?								X		
12a	Are there currently any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?								X		
12b	Did you observe evidence or do you have any prior knowledge that there have been previously any flooring, drains, or walls within the facility that are stained by substances other than water or were emitting foul odors?								X		

Tetra Tech, Inc.
1999 Harrison Street, Suite 500
Oakland, California 94612

ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

	QUESTION	Owner			Occupant			Observed			COMMENTS
		Y	N	U	Y	N	U	Y	N	U	
13a	If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?								X		
13b	If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?								X		
14	Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?								X		
15a	Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?									X	
15b	Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?								X		
15c	Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?									X	
15d	Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?									X	
16	Does the owner or occupant of the property have any knowledge of any environmental site assessment 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?									X	

Tetra Tech, Inc.
1999 Harrison Street, Suite 500
Oakland, California 94612

ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

	QUESTION	Owner			Occupant			Observed			COMMENTS
		Y	N	U	Y	N	U	Y	N	U	
17	Does the owner or occupant of the property know of 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 by any owner or occupant of the property?									X	
18a	Does the property discharge waste water, on or adjacent to the property, other than storm water, into a storm water sewer system?								X		
18b	Does the property discharge waste water, on or adjacent to the property, other than storm water, into a sanitary sewer system?								X		
19	Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?								X		
20	Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?							X			
21	Is there any knowledge of a valuation reduction for the property based upon environmental issues?									X	
22a	Is there any knowledge of activity and use limitations placed on the property due to residual contamination?								X		
22b	Is there any knowledge of activity and use limitations placed on adjacent properties due to residual contamination?								X		
23a	Is there any knowledge of the property being abandoned or evidence of unauthorized uses or uncontrolled access to the property?								X		
23b	Is there any knowledge of an adjacent property being abandoned or evidence of unauthorized uses or uncontrolled access to the property?								X		

Tetra Tech, Inc.
1999 Harrison Street, Suite 500
Oakland, California 94612

ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

GOVERNMENT RECORDS/HISTORICAL SOURCES INQUIRY

		Y	N	COMMENTS
24	Do any of the following Federal government record systems list the property or any property within the circumference of the area noted below:			
	National Priorities List – within 1.0 mile (1.6 Km)?			
	CERCLIS List – within 0.5 mile (0.8 Km)?			
	RCRA CORRACTS Facilities – within 1.0 mile (1.6 Km)?			
	RCRA non-CORRACTS TSD Facilities – within 0.5 mile (0.8 Km)?			
25	Do any of the following state record systems list the property or any property within the circumference of the area noted below:	Y	N	COMMENTS
	List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state equivalent to National Priorities List – within 1.0 mile (1.6 Km)?			
	List maintained by state environmental agency of sites identified for investigation or remediation that is the state equivalent to CERCLIS List – within 0.5 mile (0.8 Km)?			
	Leaking Underground Storage Tank (LUST) List – within 0.5 mile (0.8 Km)?			
	Solid Waste/Landfill Facilities – within 0.5 mile (0.8 Km)?			

		Y	N	N/A	COMMENTS
26	Based upon a review of fire insurance maps or consultation with the local fire department serving the property, all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?				

KEY: *Y = YES, N = NO, U = UNKNOWN, N/A = NOT APPLICABLE*

Prepared by: Richard W Berry

Signature: R W Berry	**Date:** 1-11-22	**Signature:**	**Date:** _____

707-599-5649

Tetra Tech, Inc.
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Oakland, California 94612

APPENDIX E

EDR RADIUS MAP REPORT WITH GEOCHECK

Samoa - Redwood Marine Terminal 1- North
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802645.2s
December 29, 2021

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

VANCE AVE
SAMOA, CA 95564

COORDINATES

Latitude (North):	40.8179030 - 40ˆ 49' 4.45''
Longitude (West):	124.1822220 - 124ˆ 10' 55.99''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	400296.5
UTM Y (Meters):	4519003.5
Elevation:	10 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12014188 EUREKA, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140607
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
VANCE AVE
SAMOA, CA 95564

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	HAG FISH CORPORATION	930 VANCE AVE	CPS-SLIC, CUPA Listings	Higher	105, 0.020, NNE
A2	SAMOA ROUNDHOUSE SIT	930 VANCE AVENUE	US BROWNFIELDS, FINDS	Higher	105, 0.020, NNE
B3	TOWN OF SAMOA	2 RIDEOUT ST	CERS HAZ WASTE, CERS	Higher	131, 0.025, WNW
B4	TOWN OF SAMOA	2 RIDEOUT ST	RCRA NonGen / NLR	Higher	131, 0.025, WNW
B5	DANCO BUILDERS	2 RIDEOUT STREET	CUPA Listings, HAZNET, HWTS	Higher	131, 0.025, WNW
6	LORENZOS SHELL SERVI	1 CUTTEN STREET	LUST, DEED, Cortese	Higher	147, 0.028, West
C7	SAMOA LOGDECK	COOKHOUSE ROAD	US BROWNFIELDS, FINDS	Higher	160, 0.030, NNE
C8	SAMOA ACCESS	COOKHOUSE WAY	US BROWNFIELDS, FINDS	Higher	160, 0.030, NNE
A9	SIMPSON TIMBER COMPA		CPS-SLIC	Higher	264, 0.050, NNE
C10	SPILL/COMPLAINT FILE	936 VANCE AVE	CUPA Listings	Higher	306, 0.058, North
B11	FRESHWATER TISSUE CO	1 TCF DR	CHMIRS, CUPA Listings	Higher	342, 0.065, WNW
D12	SAMOA PENINSULA	VERY LARGE AREA (NO	CPS-SLIC, DEED	Higher	384, 0.073, WNW
D13	SIMPSON SAMOA INDUST	VANCE AVE AND RIDE O	RCRA-SQG	Higher	417, 0.079, WNW
E14	REDWOOD TERMINAL NO.	364 VANCE AVE	CERS HAZ WASTE, CUPA Listings, CERS	Higher	422, 0.080, NNW
E15	REDWOOD MARINE TERMI	364 VANCE AVE	SWF/LF, AST, HAZNET, CERS, HWTS	Higher	422, 0.080, NNW
E16	TAYLOR MARICULTURE	264 VANCE AVE	CUPA Listings	Higher	452, 0.086, NW
17	LP SAMOA PULPMILL	SAMOA PENNINSULA	HIST CORTESE, WDS, CIWQS	Higher	1159, 0.220, West
18	TOWN OF SAMOA	VANCE AVENUE	US BROWNFIELDS	Higher	1900, 0.360, SW
19	RECOLOGY SAMOA	555 VANCE AVENUE	SWF/LF, NPDES, PROC, CIWQS, CERS	Higher	2467, 0.467, SW
20	R. E. DAVENPORT	34 W. WATERFRONT	ENVIROSTOR	Lower	4643, 0.879, SSE
21	NWP RAILROAD YARD	BROADWAY AND THIRD S	ENVIROSTOR	Lower	5098, 0.966, SSE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List

US INST CONTROLS ..... Institutional Controls Sites List

Federal ERNS list

ERNS ..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ..... State Response Sites

Lists of state and tribal leaking storage tanks

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

Lists of state and tribal registered storage tanks

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

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield sites

BROWNFIELDS ..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites ..... Historical Calsites Database
SCH ..... School Property Evaluation Program
CDL ..... Clandestine Drug Labs
Toxic Pits ..... Toxic Pits Cleanup Act Sites
US CDL ..... National Clandestine Laboratory Register
PFAS ..... PFAS Contamination Site Location Listing
AQUEOUS FOAM ..... Former Fire Training Facility Assessments Listing

Local Lists of Registered Storage Tanks

SWEEPS UST ..... SWEEPS UST Listing

HIST UST ---- Hazardous Substance Storage Container Database
CA FID UST ---- Facility Inventory Database
CERS TANKS ---- California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
FINDS ---- Facility Index System/Facility Registry System
ECHO ---- Enforcement & Compliance History Information
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
UXO ---- Unexploded Ordnance Sites

FUELS PROGRAM - EPA Fuels Program Registered Listing
CA BOND EXP. PLAN - Bond Expenditure Plan
DRYCLEANERS - Cleaner Facilities
EMI - Emissions Inventory Data
ENF - Enforcement Action Listing
Financial Assurance - Financial Assurance Information Listing
HAZNET - Facility and Manifest Data
ICE - ICE
HWP - EnviroStor Permitted Facilities Listing
HWT - Registered Hazardous Waste Transporter Database
MINES - Mines Site Location Listing
MWMP - Medical Waste Management Program Listing
NPDES - NPDES Permits Listing
PEST LIC - Pesticide Regulation Licenses Listing
Notify 65 - Proposition 65 Records
UIC - UIC Listing
UIC GEO - UIC GEO (GEOTRACKER)
WASTEWATER PITS - Oil Wastewater Pits Listing
WDS - Waste Discharge System
WIP - Well Investigation Program Case List
MILITARY PRIV SITES - MILITARY PRIV SITES (GEOTRACKER)
PROJECT - PROJECT (GEOTRACKER)
WDR - Waste Discharge Requirements Listing
CIWQS - California Integrated Water Quality System
CERS - CERS
NON-CASE INFO - NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS - OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS - PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT - SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ - Well Stimulation Project (GEOTRACKER)
MINES MRDS - Mineral Resources Data System
HWTS - Hazardous Waste Tracking System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants
EDR Hist Auto - EDR Exclusive Historical Auto Stations
EDR Hist Cleaner - EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF - Recovered Government Archive Solid Waste Facilities List
RGA LUST - Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2021 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SIMPSON SAMOA INDUST EPA ID:: CAR000093278	VANCE AVE AND RIDE O	WNW 0 - 1/8 (0.079 mi.)	D13	60

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: 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.

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/22/2021 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
R. E. DAVENPORT Facility Id: 12760001 Status: Refer: RWQCB	34 W. WATERFRONT	SSE 1/2 - 1 (0.879 mi.)	20	112
NWP RAILROAD YARD Facility Id: 12400001 Status: Refer: RWQCB	BROADWAY AND THIRD S	SSE 1/2 - 1 (0.966 mi.)	21	113

EXECUTIVE SUMMARY

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REDWOOD MARINE TERMI	***364 VANCE AVE***	***NNW 0 - 1/8 (0.080 mi.)***	***E15***	***76***
Database: SWF/LF (SWIS), Date of Government Version: 08/09/2021 Facility ID: 12-AA-0017 Operational Status: Closed Regulation Status: Permitted				
RECOLOGY SAMOA	***555 VANCE AVENUE***	***SW 1/4 - 1/2 (0.467 mi.)***	***19***	***103***
Database: SWF/LF (SWIS), Date of Government Version: 08/09/2021 Facility ID: 12-AA-0127 Operational Status: Active Regulation Status: Permitted				

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LORENZOS SHELL SERVI	***1 CUTTEN STREET***	***W 0 - 1/8 (0.028 mi.)***	***6***	***39***
Database: LUST, Date of Government Version: 09/07/2021 Status: Completed - Case Closed Global Id: T0602391048				

CPS-SLIC: 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.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 3 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HAG FISH CORPORATION	***930 VANCE AVE***	***NNE 0 - 1/8 (0.020 mi.)***	***A1***	***9***
Database: CPS-SLIC, Date of Government Version: 09/07/2021 Global Id: T0602393498 Facility Status: Open - Assessment & Interim Remedial Action				
SIMPSON TIMBER COMPA		NNE 0 - 1/8 (0.050 mi.)	A9	51
Database: SLIC REG 1, Date of Government Version: 04/03/2003				

Facility Id: 1NHU764

SAMOA PENINSULA	***VERY LARGE AREA (NO***	***WNW 0 - 1/8 (0.073 mi.)***	***D12***	***58***

Database: CPS-SLIC, Date of Government Version: 09/07/2021
Global Id: SL0602323372
Facility Status: Open - Inactive

Lists of state and tribal registered storage tanks

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REDWOOD MARINE TERMI	***364 VANCE AVE***	***NNW 0 - 1/8 (0.080 mi.)***	***E15***	***76***

Database: AST, Date of Government Version: 07/06/2016

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/10/2021 has revealed that there are 4 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAMOA ROUNDHOUSE SIT	***930 VANCE AVENUE***	***NNE 0 - 1/8 (0.020 mi.)***	***A2***	***10***
ACRES property ID: 171181				
Cleanup Completion Date: -				
SAMOA LOGDECK	***COOKHOUSE ROAD***	***NNE 0 - 1/8 (0.030 mi.)***	***C7***	***46***
ACRES property ID: 171184				
Cleanup Completion Date: -				
SAMOA ACCESS	***COOKHOUSE WAY***	***NNE 0 - 1/8 (0.030 mi.)***	***C8***	***49***
ACRES property ID: 171121				
Cleanup Completion Date: -				
TOWN OF SAMOA	VANCE AVENUE	SW 1/4 - 1/2 (0.360 mi.)	18	88
ACRES property ID: 158041				
Cleanup Completion Date: -				

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 07/15/2021 has revealed that there are 2 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOWN OF SAMOA	***2 RIDEOUT ST***	***WNW 0 - 1/8 (0.025 mi.)***	***B3***	***28***
REDWOOD TERMINAL NO.	***364 VANCE AVE***	***NNW 0 - 1/8 (0.080 mi.)***	***E14***	***63***

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 08/30/2021 has revealed that there are 2 DEED sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LORENZOS SHELL SERVI Status: COMPLETED - CASE CLOSED Envirostor ID: T0602391048	***1 CUTTEN STREET***	***W 0 - 1/8 (0.028 mi.)***	***6***	***39***
SAMOA PENINSULA Status: OPEN - INACTIVE Envirostor ID: SL0602323372	***VERY LARGE AREA (NO***	***WNW 0 - 1/8 (0.073 mi.)***	***D12***	***58***

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOWN OF SAMOA EPA ID:: CAL000404097	2 RIDEOUT ST	WNW 0 - 1/8 (0.025 mi.)	B4	34

EXECUTIVE SUMMARY

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 09/20/2021 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LORENZOS SHELL SERVI	***1 CUTTEN STREET***	***W 0 - 1/8 (0.028 mi.)***	***6***	***39***
Cleanup Status: COMPLETED - CASE CLOSED				

CUPA Listings: 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.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 6 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HAG FISH CORPORATION	***930 VANCE AVE***	***NNE 0 - 1/8 (0.020 mi.)***	***A1***	***9***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0005650				
DANCO BUILDERS	***2 RIDEOUT STREET***	***WNW 0 - 1/8 (0.025 mi.)***	***B5***	***36***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0005508				
SPILL/COMPLAINT FILE	936 VANCE AVE	N 0 - 1/8 (0.058 mi.)	C10	52
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: (none) Local Site Id: FA0006199				
FRESHWATER TISSUE CO	***1 TCF DR***	***WNW 0 - 1/8 (0.065 mi.)***	***B11***	***52***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0001214				
REDWOOD TERMINAL NO.	***364 VANCE AVE***	***NNW 0 - 1/8 (0.080 mi.)***	***E14***	***63***
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Permit Status: 02 - Inactive Local Site Id: FA0005626 Local Site Id: FA0006126				
TAYLOR MARICULTURE	264 VANCE AVE	NW 0 - 1/8 (0.086 mi.)	E16	85
Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0005711				

EXECUTIVE SUMMARY

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LP SAMOA PULPMILL Reg Id: 1B770050HUM	***SAMOA PENNINSULA***	***W 1/8 - 1/4 (0.220 mi.)***	***17***	***85***

PROC: A listing of certified processors.

A review of the PROC list, as provided by EDR, and dated 06/04/2021 has revealed that there is 1 PROC site within approximately 0.5 miles of the target property.

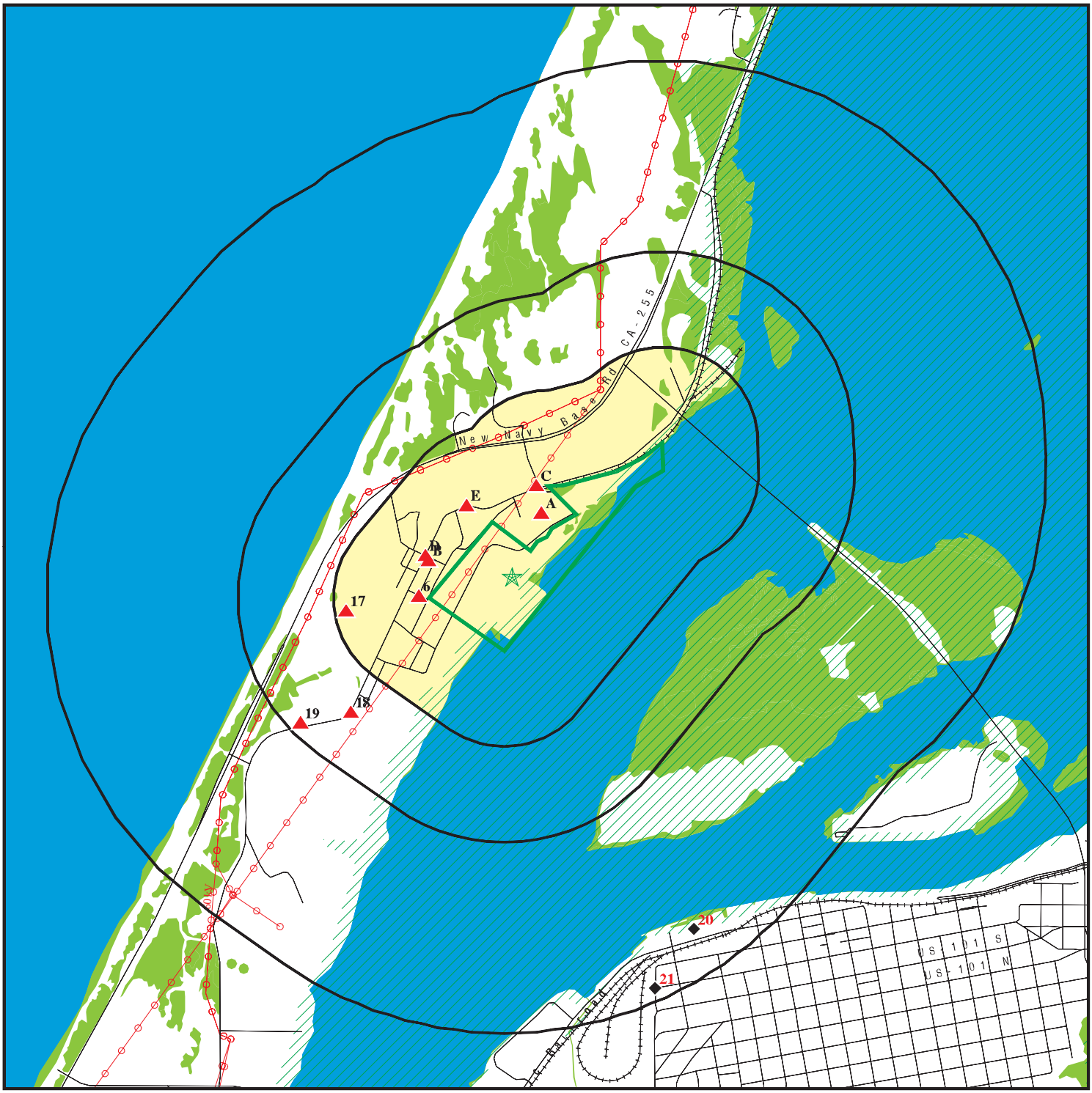
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RECOLOGY SAMOA Cert Id: PR19136.001 Reg Id: 19136	***555 VANCE AVENUE***	***SW 1/4 - 1/2 (0.467 mi.)***	***19***	***103***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

Site Name	Database(s)
REDWOOD MARINE TERMINAL II	HWTS
VICTORIA GARDENS	SEMS-ARCHIVE
REDWOOD MARINE TERMINAL II	RCRA NonGen / NLR
REDWOOD MARINE TERMINAL II	RCRA NonGen / NLR
SIMPSON PAPER COMPANY	CPS-SLIC
OLD PLYWOOD MILL - FAIRHAVEN	CPS-SLIC
PG&E EUREKA 3	EDR MGP
SIERRA PACIFIC INDUSTRIES	ENVIROSTOR

OVERVIEW MAP - 6802645.2S



0 1/4 1/2 1 Miles

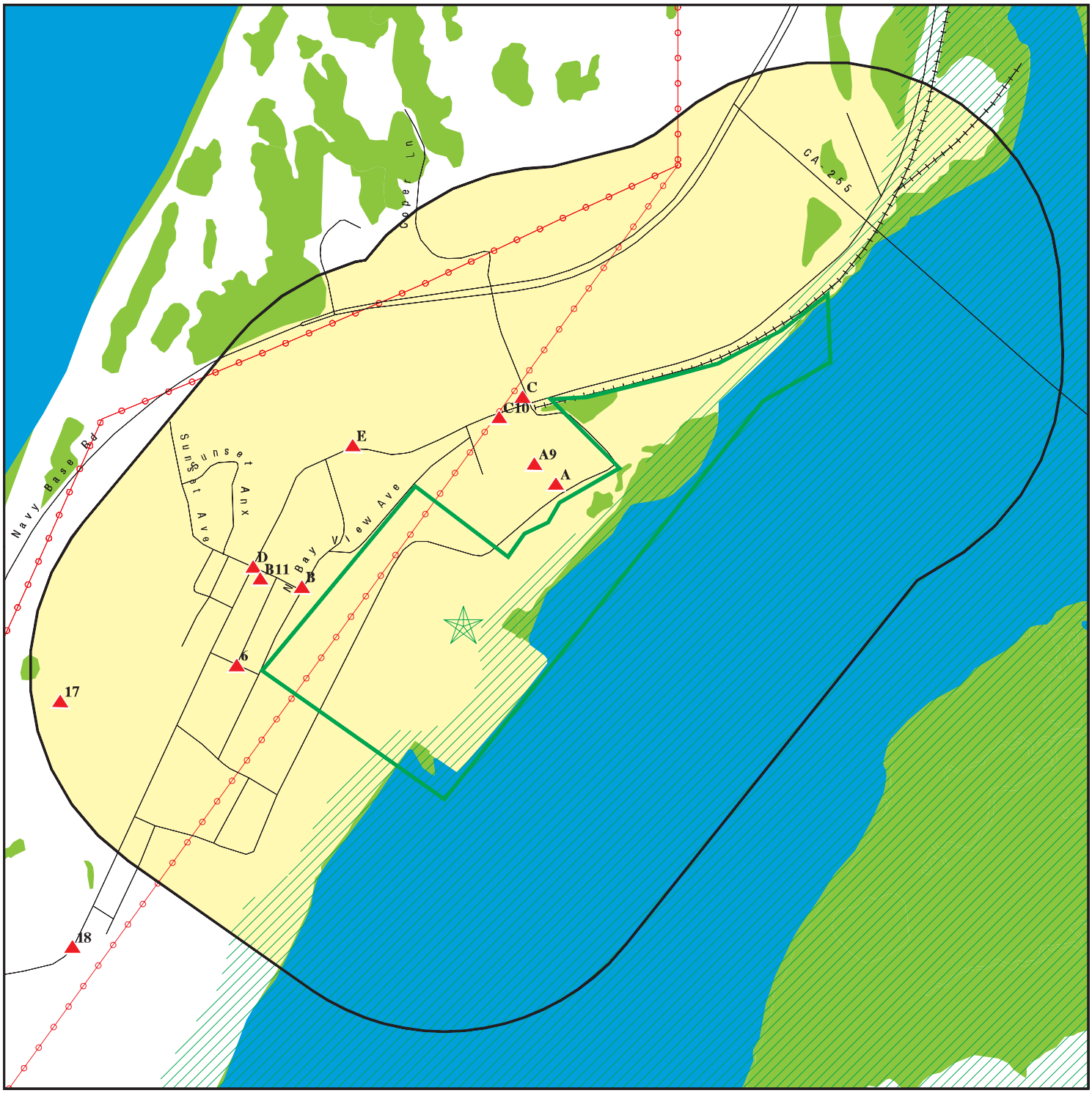
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Samoa - Redwood Marine Terminal 1- North ADDRESS: Vance Ave Samoa CA 95564 LAT/LONG: 40.817903 / 124.182222	CLIENT: Tetra Tech EM Inc. CONTACT: Savannah Russell INQUIRY #: 6802645.2s DATE: December 29, 2021 9:52 am

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DETAIL MAP - 6802645.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/8 1/4 1/2 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Samoa - Redwood Marine Terminal 1- North	CLIENT:	Tetra Tech EM Inc.
ADDRESS:	Vance Ave Samoa CA 95564	CONTACT:	Savannah Russell
LAT/LONG:	40.817903 / 124.182222	INQUIRY #:	6802645.2s
		DATE:	December 29, 2021 9:53 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	0	NR	NR	NR	1
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	0	2	NR	2
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		1	0	1	NR	NR	2

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		1	0	0	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		3	0	0	NR	NR	3
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		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		3	0	1	NR	NR	4
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
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		2	0	NR	NR	NR	2
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	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
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		2	0	0	NR	NR	2
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		1	0	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
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
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	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
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		1	0	0	NR	NR	1
CUPA Listings	0.250		6	0	NR	NR	NR	6
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
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	0	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	1	NR	NR	1
Notify 65	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	22	1	3	2	0	28

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **HAG FISH CORPORATION** **CPS-SLIC** **S118397610**
NNE **930 VANCE AVE** **CUPA Listings** **N/A**
< 1/8 **SAMOA, CA 95564**
0.020 mi.
105 ft. **Site 1 of 3 in cluster A**

Relative:
Higher

Actual:
15 ft.

CPS-SLIC:

Name:	SIMPSON TIMBER COMPANY SAMOA
Address:	930 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	11/19/2012
Global Id:	T0602393498
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.8204023315546
Longitude:	-124.180762767792
Case Type:	Cleanup Program Site
Case Worker:	TNM
Local Agency:	HUMBOLDT COUNTY LOP
RB Case Number:	1NHU764
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
Site History:	Between 1893 and 2004, the site was used to house structures and improvements operated in support of various milling operations on the adjoining properties to the southwest. The site has historically been used for storing raw logs, curing processed lumber, lumber product logistics, maintenance facilities, fuel storage and distribution, energy generation (refuse burners and boilers), rail car storage and repair, and as a staging area for dredge spoils from the adjacent Humboldt Bay. In addition to the four current structures, historical improvements on the site have included a car (rail) shed, gasoline underground storage tanks (USTs) and dispensers, refuse burners, rail lines/spurs, and bulk fuel oil aboveground storage tanks (ASTs) and associated pump house. Previous subsurface investigations on the site have identified elevated concentrations of diesel, gasoline, and motor oil and metals in soil and groundwater collected from various areas of the site.

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

CUPA HUMBOLDT:

Name:	HAG FISH CORPORATION
Address:	930 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005650
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10648561
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0008988
District:	N - North
SIC Code:	2092 - Fresh or frozen prepared fish
Last Touched:	11/16/2020
Update By:	JGONZALEZ

HAG FISH CORPORATION (Continued) **S118397610**

Contact Name: Kaleg Gilium
Day Phone: 7076013654
Latitude: 40.82129
Longitude: -124.1810

A2 **SAMOA ROUNDHOUSE SITE** **US BROWNFIELDS** **1016603919**
NNE **930 VANCE AVENUE** **FINDS** **N/A**
< 1/8 **SAMOA, CA 95564**
0.020 mi.
105 ft. **Site 2 of 3 in cluster A**

Relative:
Higher

Actual:
15 ft.

US BROWNFIELDS:

Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	10000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	04/12/2019
Ownership Entity:	Government
Completion Date:	07/31/2019
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55
Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.

Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	90393
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	04/12/2019
Ownership Entity:	Government
Completion Date:	07/31/2019
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55
Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	3750
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96931601
Start Date:	02/04/2013
Ownership Entity:	Government
Completion Date:	03/29/2013
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55
Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	R9 TBA - California (STAG Funded)

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Grant Type:	TBA
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	10000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	04/12/2019
Ownership Entity:	Government
Completion Date:	07/31/2019
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55
Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Cleanup Funding Source:	-
Assessment Funding:	10000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	04/12/2019
Ownership Entity:	Government
Completion Date:	07/31/2019
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55
Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	90393
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	04/12/2019
Ownership Entity:	Government
Completion Date:	07/31/2019
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55

Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

	perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	90393
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	04/12/2019
Ownership Entity:	Government
Completion Date:	07/31/2019
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Property Description: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number: 43
Below Poverty Percent: 19.55
Meidan Income: 2041
Meidan Income Number: 91
Meidan Income Percent: 41.36
Vacant Housing Number: 7
Vacant Housing Percent: 6.61
Unemployed Number: 10
Unemployed Percent: 4.55

FINDS:
Registry ID: 110059722288

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B3 **TOWN OF SAMOA** **CERS HAZ WASTE S123103067**
WNW **2 RIDEOUT ST** **CERS N/A**
< 1/8 **SAMOA, CA 95564**
0.025 mi.
131 ft. **Site 1 of 4 in cluster B**

Relative: Higher
Actual: 23 ft.

CERS HAZ WASTE:
Name: TOWN OF SAMOA
Address: 2 RIDEOUT ST
City,State,Zip: SAMOA, CA 95564
Site ID: 77211
CERS ID: 10616977
CERS Description: Hazardous Waste Generator

CERS:
Name: TOWN OF SAMOA
Address: 2 RIDEOUT ST
City,State,Zip: SAMOA, CA 95564
Site ID: 77211
CERS ID: 10616977
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 77211
Site Name: Town of Samoa
Violation Date: 02-23-2015
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 02/25/2015.

TOWN OF SAMOA (Continued) **S123103067**

Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	77211
Site Name:	Town of Samoa
Violation Date:	08-28-2019
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 09/16/2019. OBSERVATION: Bags of lead paint chips located in the waste storage area were observed without hazardous waste labels. CORRECTIVE ACTION: Properly label all containers of hazardous waste within 7 business days and contact DEH for a re-inspection.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	77211
Site Name:	Town of Samoa
Violation Date:	08-28-2019
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 09/01/2019. OBSERVATION: The business failed 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 including familiarity with the emergency response plan or failure to document and maintain training records for a minimum of three years. CORRECTIVE ACTION: Conduct a training within 30 days and send DEH a copy of the sign-in sheet.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	77211
Site Name:	Town of Samoa
Violation Date:	04-12-2021
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 04/14/2021. All hazardous waste container must be labeled. The labels must be completely filled out to include the EPA ID number and the accumulation start dates. There are approximately 10 drums of lead based paint that need to be labeled.

TOWN OF SAMOA (Continued) **S123103067**

	The accumulation date must be on the drums when you get the first drum 1/2 full. You will have nine months from the accumulation start date to have the drums picked up for disposal. Keep all manifests for review.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	77211
Site Name:	Town of Samoa
Violation Date:	08-28-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to 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 09/13/2019. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. The inventory does not meet new Federal hazard category requirements. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities in CERS within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	77211
Site Name:	Town of Samoa
Violation Date:	02-23-2015
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 02/26/2015. Three 55 gallon drums of lead paint waste did not have hazardous waste labels on them.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	77211
Site Name:	Town of Samoa
Violation Date:	08-28-2019
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 09/16/2019. OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have reactivated your EPA ID number within

TOWN OF SAMOA (Continued) **S123103067**

30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-12-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-12-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health

TOWN OF SAMOA (Continued) **S123103067**

Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 77211
Site Name: Town of Samoa
Site Address: 2 RIDEOUT ST
Site City: SAMOA
Site Zip: 95564
Enf Action Date: 02-23-2015
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: Humboldt County Division of Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 77211
Site Name: Town of Samoa
Site Address: 2 RIDEOUT ST
Site City: SAMOA
Site Zip: 95564
Enf Action Date: 02-23-2015
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: Humboldt County Division of Environmental Health
Enf Action Program: HWLQG
Enf Action Source: CERS

Coordinates:
Site ID: 77211
Facility Name: Town of Samoa
Env Int Type Code: HWG
Program ID: 10616977
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 40.818560
Longitude: -124.185710

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Kira Sandoval
Entity Title: Not reported
Affiliation Address: 5251 Ericson Way
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95521
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Dan Johnson
Entity Title: Not reported
Affiliation Address: 5251 Ericson Way
Affiliation City: Arcata

TOWN OF SAMOA (Continued) **S123103067**

Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-9000
Affiliation Type Desc:	Operator
Entity Name:	Terry Wilson
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:	(707) 496-0514
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5251 Ericson Way
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Kira Sandoval
Entity Title:	Construction Administrator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Samoa Pacific Group
Entity Title:	Not reported
Affiliation Address:	5251 Ericson Way
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-9000
Affiliation Type Desc:	Document Preparer
Entity Name:	Kira Sandoval
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:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health

TOWN OF SAMOA (Continued) **S123103067**

Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215
Affiliation Type Desc:	Parent Corporation
Entity Name:	Town of Samoa
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:	Not reported

B4
WNW
< 1/8
0.025 mi.
131 ft.

TOWN OF SAMOA **RCRA NonGen / NLR** **1025869278**
2 RIDEOUT ST **CAL000404097**
SAMOA, CA 95564

Site 2 of 4 in cluster B

Relative:
Higher

Actual:
23 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20150128
Handler Name:	TOWN OF SAMOA	
Handler Address:		2 RIDEOUT ST
Handler City,State,Zip:		SAMOA, CA 95564
EPA ID:		CAL000404097
Contact Name:		ROBERT CHIPMAN
Contact Address:		5251 ERICSON WAY
Contact City,State,Zip:		ARCATA, CA 95521
Contact Telephone:		707-496-8113
Contact Fax:		707-825-9596
Contact Email:		BCHIPMAN@DANCO-GROUP.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:		5251 ERICSON WAY
Mailing City,State,Zip:		ARCATA, CA 95521
Owner Name:		DANCO BUILDERS
Owner Type:		Other
Operator Name:		ROBERT CHIPMAN
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No

TOWN OF SAMOA (Continued) **1025869278**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190927
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:	ROBERT CHIPMAN
Legal Status:	Other
Date Became Current:	Not reported

TOWN OF SAMOA (Continued) **1025869278**

Date Ended Current:	Not reported
Owner/Operator Address:	5251 ERICSON WAY
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-496-8113
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DANCO BUILDERS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5251 ERICSON WAY
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-825-1534
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20150128
Handler Name: TOWN OF SAMOA	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	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

B5 **DANCO BUILDERS** **CUPA Listings** **S117624348**
WNW **2 RIDEOUT STREET** **HAZNET** **N/A**
< 1/8 **SAMOA, CA 95564** **HWTS**
0.025 mi.
131 ft. **Site 3 of 4 in cluster B**

Relative: **Higher**
Actual: **23 ft.**

CUPA HUMBOLDT:

Name:	TOWN OF SAMOA
Address:	2 RIDEOUT ST
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005508

DANCO BUILDERS (Continued) **S117624348**

Facility Address 2: Not reported
Program Identifier: CUPA - SQG
Program Element Code Desc: 4401 4401 - Hazardous Waste Generator (SQG)
Permit Status: 01 - Active
CERS ID: 10616977
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING
Record ID: PR0009166
District: N - North
SIC Code: (none)
Last Touched: 09/25/2019
Update By: AROBERTS
Contact Name: Terry Wilson
Day Phone: 7074960514
Latitude: 40.81856
Longitude: -124.1856

Name: TOWN OF SAMOA
Address: 2 RIDEOUT ST
City,State,Zip: SAMOA, CA 95564
Local Site Id: FA0005508
Facility Address 2: Not reported
Program Identifier: CUPA - HMBP
Program Element Code Desc: 4201 4201 - HMBP and/or Inventory
Permit Status: 01 - Active
CERS ID: 10616977
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING
Record ID: PR0008640
District: N - North
SIC Code: (none)
Last Touched: 09/25/2019
Update By: AROBERTS
Contact Name: Terry Wilson
Day Phone: 7074960514
Latitude: 40.81856
Longitude: -124.1856

HAZNET:
Name: TOWN OF SAMOA
Address: 2 RIDEOUT ST
Address 2: Not reported
City,State,Zip: SAMOA, CA 95521
Contact: ROBERT CHIPMAN
Telephone: 7074968113
Mailing Name: Not reported
Mailing Address: 5251 ERICSON WAY

Year: 2019
Gepaid: CAL000404097
TSD EPA ID: UTD991301748
CA Waste Code: 352 - Other organic solids
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 6.10000

Year: 2015
Gepaid: CAC002801533
TSD EPA ID: UTD991301748

DANCO BUILDERS (Continued) **S117624348**

CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.35

Additional Info:
Year: 2015
Gen EPA ID: CAC002801533

Shipment Date: 20150819
Creation Date: 3/22/2016 22:15:44
Receipt Date: 20150911
Manifest ID: 004987141SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: AZR000513770
Trans 2 Name: SLT
TSDF EPA ID: UTD991301748
Trans Name: CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.9
Waste Quantity: 1800
Quantity Unit: P
Additional Code 1: D007
Additional Code 2: D006
Additional Code 3: D005
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150226
Creation Date: 8/18/2015 22:15:10
Receipt Date: 20150318
Manifest ID: 004679042SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: AZR000513770
Trans 2 Name: SLT
TSDF EPA ID: UTD991301748
Trans Name: CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.45
Waste Quantity: 900
Quantity Unit: P
Additional Code 1: D007
Additional Code 2: D006
Additional Code 3: D005

DANCO BUILDERS (Continued) **S117624348**

Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: DANCO BUILDERS
Address: 2 RIDEOUT STREET
Address 2: Not reported
City,State,Zip: SAMOA, CA 95564
EPA ID: CAC002801533
Inactive Date: 04/27/2015
Create Date: 01/26/2015
Last Act Date: 04/28/2015
Mailing Name: Not reported
Mailing Address: 5251 ERICSON WAY
Mailing Address 2: Not reported
Mailing City,State,Zip: ARCATA, CA 95521
Owner Name: THE DANCO GROUP OF COMPANIES
Owner Address: 5251 ERICSON WAY
Owner Address 2: Not reported
Owner City,State,Zip: ARCATA, CA 95521
Contact Name: KIRA SANDOVAL
Contact Address: 5251 ERICSON WAY
Contact Address 2: Not reported
City,State,Zip: ARCATA, CA 95521

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6 West < 1/8 0.028 mi. 147 ft. **LORENZOS SHELL SERVICE** **LUST S106163357**
1 CUTTEN STREET **DEED N/A**
SAMOA, CA 95564 **Cortese**

Relative: Higher

Actual: 21 ft.

LUST:
Name: LORENZOS SHELL SERVICE
Address: 1 CUTTEN STREET
City,State,Zip: SAMOA, CA 95564
Lead Agency: HUMBOLDT COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602391048
Global Id: T0602391048
Latitude: 40.8172230260905
Longitude: -124.187199937949
Status: Completed - Case Closed
Status Date: 12/23/2014
Case Worker: MAV
RB Case Number: Not reported
Local Agency: HUMBOLDT COUNTY LOP
File Location: Local Agency
Local Case Number: 12800
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline, Diesel
Site History: 7/29/10 site referred to regional board for inclusion with their oversight of the Samoa brownfield project. Some information regarding this site can be found under the Samoa Peninsula site file, Regional Water Board Case No. 1NHU890.

LUST:
Global Id: T0602391048
Contact Type: Local Agency Caseworker

LORENZOS SHELL SERVICE (Continued) **S106163357**

Contact Name: Mark Verhey
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H Street, Suite 100
City: Eureka
Email: mverhey@co.humboldt.ca.us
Phone Number: Not reported

LUST:

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 12/28/2006
Action: Verbal Communication

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 07/27/2009
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 11/10/2011
Action: Staff Letter

Global Id: T0602391048
Action Type: Other
Date: 11/20/2003
Action: Leak Reported

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 07/03/2007
Action: File review

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 04/25/2006
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 02/09/2007
Action: File review

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 05/03/2006
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 08/10/2006
Action: File review

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 12/09/2008
Action: Staff Letter

LORENZOS SHELL SERVICE (Continued) **S106163357**

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 12/09/2008
Action: Meeting

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 07/29/2010
Action: Referral to Regional Board

Global Id: T0602391048
Action Type: RESPONSE
Date: 01/10/2012
Action: Correspondence

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 10/27/2004
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 10/27/2004
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 03/17/2005
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 04/26/2005
Action: Warning Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 07/07/2005
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 10/10/2008
Action: File review

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 10/21/2010
Action: Deed Restriction / Land Use Restriction / Covenant

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 10/09/2013
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT

LORENZOS SHELL SERVICE (Continued) **S106163357**

Date: 09/06/2012
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 04/03/2014
Action: Staff Letter

Global Id: T0602391048
Action Type: Other
Date: 10/20/1986
Action: Leak Stopped

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 03/20/2008
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 04/28/2010
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 09/24/2013
Action: Referral to Local Agency

Global Id: T0602391048
Action Type: RESPONSE
Date: 08/12/2008
Action: Monitoring Report - Quarterly

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 01/09/2008
Action: Verbal Communication

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 01/10/2008
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 01/10/2008
Action: File review

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 09/16/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 01/24/2010
Action: Technical Correspondence / Assistance / Other

LORENZOS SHELL SERVICE (Continued) **S106163357**

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 12/23/2014
Action: Closure/No Further Action Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 04/02/2014
Action: Notification - Public Participation Document

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 11/25/2014
Action: Staff Letter

Global Id: T0602391048
Action Type: Other
Date: 10/20/2003
Action: Leak Discovery

Global Id: T0602391048
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Other - Regulator Responded

Global Id: T0602391048
Action Type: RESPONSE
Date: 01/22/2014
Action: Request for Closure - Regulator Responded

Global Id: T0602391048
Action Type: REMEDIATION
Date: 10/20/2003
Action: Not reported

LUST:
Global Id: T0602391048
Status: Open - Case Begin Date
Status Date: 10/20/1986

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 01/29/2004

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 10/18/2004

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 12/29/2004

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 03/14/2005

Global Id: T0602391048

LORENZOS SHELL SERVICE (Continued) **S106163357**

Status: Open - Site Assessment
Status Date: 07/07/2005

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 04/25/2006

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 05/03/2006

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 08/10/2006

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 12/28/2006

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 02/09/2007

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 07/03/2007

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 01/09/2008

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 01/10/2008

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 03/20/2008

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 06/12/2008

Global Id: T0602391048
Status: Open - Referred
Status Date: 07/28/2009

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 07/28/2009

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 07/29/2010

Global Id: T0602391048
Status: Open - Eligible for Closure

LORENZOS SHELL SERVICE (Continued) **S106163357**

Status Date: 10/04/2013

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 10/04/2013

Global Id: T0602391048
Status: Completed - Case Closed
Status Date: 12/23/2014

DEED:
Name: LORENZOS SHELL SERVICE
Address: 1 CUTTEN STREET
City,State,Zip: SAMOA, CA 95564
Envirostor ID: T0602391048
Area: Not reported
Sub Area: Not reported
Site Type: LUFT
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

CORTESE:
Name: LORENZOS SHELL SERVICE
Address: 1 CUTTEN STREET
City,State,Zip: SAMOA, CA 95564
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602391048
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

C7
NNE
< 1/8
0.030 mi.
160 ft.

SAMOA LOGDECK
COOKHOUSE ROAD
SAMOA, CA 95564

Site 1 of 3 in cluster C

US BROWNFIELDS FINDS **1016603918 N/A**

Relative:
Higher

Actual:
22 ft.

US BROWNFIELDS:

Name:	SAMOA LOGDECK
Address:	COOKHOUSE ROAD
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	401-031-058
Parcel size:	7.3
Latitude:	40.82
Longitude:	-124.1801
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property is the former log deck assocated with a variety of historic lumber milling operations. Former Use: The property is a low lying piece of land adjacent to Humoboldt bay. It was used for the storage of logs waiting to be milled nearby. The property was owned by Simpson Timber Company. Prior to that it was owned by the Louisiana Pacific Corporation.
Datum:	North American Datum of 1983
Acres Property ID:	171184
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	3750
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96931601
Start Date:	01/23/2013
Ownership Entity:	Government
Completion Date:	03/18/2013
Current Owner:	Humboldt Bay Harbor Recreation and Conservation District
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-

SAMOA LOGDECK (Continued) **1016603918**

IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-

SAMOA LOGDECK (Continued) **1016603918**

Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property is a low lying piece of land adjacent to Humoboldt bay. It was used for the storage of logs waiting to be milled nearby. The property was owned by Simpson Timber Company. Prior to that it was owned by the Louisiana Pacific Corporation.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55

FINDS:
Registry ID: 110059722297

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

C8
NNE
< 1/8
0.030 mi.
160 ft.

SAMOA ACCESS
COOKHOUSE WAY
SAMOA, CA 95564

Site 2 of 3 in cluster C

US BROWNFIELDS FINDS **1016603917 N/A**

Relative:
Higher

Actual:
22 ft.

US BROWNFIELDS:

Name:	SAMOA ACCESS
Address:	COOKHOUSE WAY
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	401-031-040
Parcel size:	67.3
Latitude:	40.8211745
Longitude:	-124.18068949999997
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	The property is adjacent to Humboldt Bay and has a long and varied industrial history. Former Use: The Louisiana Pacific Pulp mill was the prior owner of the property which is currently owned by the Humboldt Bay Harbor Recreation and Conservation District.
Datum:	North American Datum of 1983
Acres Property ID:	171121
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	9900
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96931601
Start Date:	07/26/2012
Ownership Entity:	Government
Completion Date:	11/22/2012
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-

SAMOA ACCESS (Continued) **1016603917**

State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	67
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-

SAMOA ACCESS (Continued) **1016603917**

Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The Louisiana Pacific Pulp mill was the prior owner of the property which is currently owned by the Humboldt Bay Harbor Recreation and Conservation District.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55

FINDS:
Registry ID: 110059722279

Click Here:

Environmental Interest/Information System:
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A9 **SIMPSON TIMBER COMPANY SAMOA** **CPS-SLIC** **S104857579**
NNE **N/A**
< 1/8 **SAMOA, CA 95564**
0.050 mi.
264 ft. **Site 3 of 3 in cluster A**

Relative: SLIC REG 1:
Higher Region: 1
Facility ID: 1NHU764
Actual: Staff Initials: KSA
21 ft.

C10 **SPILL/COMPLAINT FILE # 3045 - GLASSHOUSE GARDEN SU** **CUPA Listings** **S126009188**
North **936 VANCE AVE** **N/A**
< 1/8 **SAMOA, CA 95564**
0.058 mi.
306 ft. **Site 3 of 3 in cluster C**

Relative: CUPA HUMBOLDT:
Higher

Name:	SPILL/COMPLAINT FILE # 3045 - GLASSHOUSE GARDEN SUPPLY
Address:	936 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0006199
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP - CAN
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	(none)
CERS ID:	Not reported
Facility Status:	05 - CLOSED
Record ID:	PR0010296
District:	N - North
SIC Code:	(none)
Last Touched:	07/12/2019
Update By:	JGONZALEZ
Contact Name:	Mitchell Leffel
Day Phone:	Not reported
Latitude:	40.82142
Longitude:	-124.1804

Actual:
22 ft.

Name:	SPILL/COMPLAINT FILE # 3045 - GLASSHOUSE GARDEN SUPPLY
Address:	936 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0006199
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG - CAN
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	(none)
CERS ID:	Not reported
Facility Status:	05 - CLOSED
Record ID:	PR0010297
District:	N - North
SIC Code:	(none)
Last Touched:	07/12/2019
Update By:	JGONZALEZ
Contact Name:	Mitchell Leffel
Day Phone:	Not reported
Latitude:	40.82142
Longitude:	-124.1804

B11 **FRESHWATER TISSUE CO LLC** **CHMIRS** **S106395988**
WNW **1 TCF DR** **CUPA Listings** **N/A**
< 1/8 **SAMOA, CA 95564**
0.065 mi.
342 ft. **Site 4 of 4 in cluster B**

Relative: CHMIRS:
Higher

Name:		Not reported
Address:	1 TCF DR.	
City,State,Zip:		SAMOA, CA 95564
OES Incident Number:		3-0579
OES notification:		01/30/2003
OES Date:		Not reported

Actual:
23 ft.

FRESHWATER TISSUE CO LLC (Continued) **S106395988**

OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Pacific Ocean
Spill Site:	Not reported
Cleanup By:	N/A
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	Samoa Pacific Cellulose
Incident Date:	1/29/200312:00:00 AM
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	Black Liquor and In Process White Liquor
Gallons:	10,000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported

FRESHWATER TISSUE CO LLC (Continued) **S106395988**

#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	These caustic substances are used in pulp digesting. A power failure occurred causing the kiln and recovery boiler to overflow into their process sewer, raising their pH above 12.5 (basic). Their process sewer flows by permit to the Pacific Ocean. The release was secured at 1840 hours. The caller states that the release terminates at a peninsula on the exact opposite end of Humboldt Bay from the shellfish growing area and there is absolutely no chance of this release entering the shellfishgrowing area.
Name:	Not reported
Address: 1 TCF DR	
City,State,Zip:	SAMOA, CA
OES Incident Number:	5-2342
OES notification:	04/19/2005
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Pacific Ocean
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported

FRESHWATER TISSUE CO LLC (Continued) **S106395988**

Other:	Not reported
Date/Time:	Not reported
Year:	2005
Agency:	Evergreen Pulp Inc
Incident Date:	4/18/200512:00:00 AM
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	White Liquor
Gallons:	400
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Per caller, a failed flange caused the release.

Name:	Not reported
Address:	1 TCF DR.
City,State,Zip:	SAMOA, CA
OES Incident Number:	5-1523
OES notification:	03/08/2005
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported

FRESHWATER TISSUE CO LLC (Continued) **S106395988**

CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Sewer System
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2005
Agency:	Stockton Pacific Ent.
Incident Date:	6/3/200412:00:00 AM
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	No
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Sulfuric Acid
Gallons:	200
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	HISTORICAL REPORT: An employee accidentally released to the sewer system.

CUPA HUMBOLDT:

Name:	FRESHWATER TISSUE CO LLC
Address:	1 TCF DR
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0001214
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	02 - Inactive
CERS ID:	10330837
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0003120
District:	N - North

FRESHWATER TISSUE CO LLC (Continued) **S106395988**

SIC Code:	2610 - Pulp Mills
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Charles Benbow
Day Phone:	7074457592
Latitude:	40.80610
Longitude:	-124.1950

Name:	FRESHWATER TISSUE CO LLC
Address:	1 TCF DR
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0001214
Facility Address 2:	Not reported
Program Identifier:	CUPA - APSA Engineered Facility
Program Element Code Desc:	4007 4007 - APSA Engineered Facility
Permit Status:	02 - Inactive
CERS ID:	10330837
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0004505
District:	N - North
SIC Code:	2610 - Pulp Mills
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Not reported
Day Phone:	7074457592
Latitude:	40.80610
Longitude:	-124.1950

Name:	FRESHWATER TISSUE CO LLC
Address:	1 TCF DR
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0001214
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10330837
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0006815
District:	N - North
SIC Code:	2610 - Pulp Mills
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Charles Benbow
Day Phone:	7074457592
Latitude:	40.80610
Longitude:	-124.1950

D12
WNW
< 1/8
0.073 mi.
384 ft.

SAMOA PENINSULA
VERY LARGE AREA (NO STREET)
SAMOA, CA 95564

Site 1 of 2 in cluster D

CPS-SLIC **S106483542**
DEED **N/A**

Relative:
Higher

Actual:
23 ft.

CPS-SLIC:

Name:	SAMOA PENINSULA
Address:	VERY LARGE AREA (NO STREET)
City,State,Zip:	SAMOA, CA 95564
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	06/14/2017
Global Id:	SL0602323372
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.8187372
Longitude:	-124.1864518
Case Type:	Cleanup Program Site
Case Worker:	TNM
Local Agency:	US ENVIRONMENTAL PROTECTION AGENCY
RB Case Number:	1NHU890
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Aviation
Site History:	Some information regarding this site can be found under the Lorenzo's Shell Service (Samoa) site file, Regional Water Board Case No. 1THU800. Voluntary cleanup-Town of Samoa. A 2015 investigation found no significant contamination in the soccer field remaining.

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

DEED:

Name:	SAMOA PENINSULA
Address:	VERY LARGE AREA (NO STREET)
City,State,Zip:	SAMOA, CA 95564
Envirostor ID:	SL0602323372
Area:	Not reported
Sub Area:	Not reported
Site Type:	SLIC
Status:	OPEN - INACTIVE
Agency:	SWRCB
Covenant Uploaded:	Y
Deed Date(s):	10/21/2010
File Name:	Geotracker Land Use/Deed Restrictions

Name:	SAMOA PENINSULA
Address:	VERY LARGE AREA (NO STREET)
City,State,Zip:	SAMOA, CA 95564
Envirostor ID:	SL0602323372
Area:	Not reported
Sub Area:	Not reported
Site Type:	SLIC
Status:	OPEN - INACTIVE
Agency:	SWRCB
Covenant Uploaded:	Y
Deed Date(s):	10/21/2010
File Name:	Geotracker Land Use/Deed Restrictions

SAMOA PENINSULA (Continued) **S106483542**

Name: SAMOA PENINSULA
Address: VERY LARGE AREA (NO STREET)
City,State,Zip: SAMOA, CA 95564
Envirostor ID: SL0602323372
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

Name: SAMOA PENINSULA
Address: VERY LARGE AREA (NO STREET)
City,State,Zip: SAMOA, CA 95564
Envirostor ID: SL0602323372
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

Name: SAMOA PENINSULA
Address: VERY LARGE AREA (NO STREET)
City,State,Zip: SAMOA, CA 95564
Envirostor ID: SL0602323372
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

Name: SAMOA PENINSULA
Address: VERY LARGE AREA (NO STREET)
City,State,Zip: SAMOA, CA 95564
Envirostor ID: SL0602323372
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

Name: SAMOA PENINSULA
Address: VERY LARGE AREA (NO STREET)
City,State,Zip: SAMOA, CA 95564
Envirostor ID: SL0602323372
Area: Not reported

SAMOA PENINSULA (Continued) **S106483542**

Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

Name: SAMOA PENINSULA
Address: VERY LARGE AREA (NO STREET)
City,State,Zip: SAMOA, CA 95564
Envirostor ID: SL0602323372
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

D13 **SIMPSON SAMOA INDUSTRIAL SITE** **RCRA-SQG** **1004677104**
WNW **VANCE AVE AND RIDE OUT AVE** **CAR000093278**
< 1/8 **SAMOA, CA 95564**
0.079 mi.
417 ft. **Site 2 of 2 in cluster D**

Relative: **Higher**

Actual: **23 ft.**

RCRA-SQG:

Date Form Received by Agency:	20010309
Handler Name:	SIMPSON SAMOA INDUSTRIAL SITE
Handler Address:	VANCE AVE AND RIDE OUT AVE
Handler City,State,Zip:	SAMOA, CA 95564
EPA ID:	CAR000093278
Contact Name:	DAVE MCENTEE
Contact Address:	P O BOX 1089
Contact City,State,Zip:	ARCATA, CA 95518-1089
Contact Telephone:	206-224-5000
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P O BOX 1089
Mailing City,State,Zip:	ARCATA, CA 95518-1089
Owner Name:	SIMPSON SAMOA COMP
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

SIMPSON SAMOA INDUSTRIAL SITE (Continued) **1004677104**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

SIMPSON SAMOA INDUSTRIAL SITE (Continued) **1004677104**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIMPSON SAMOA COMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1301 5TH AVE STE 2800
Owner/Operator City,State,Zip:	SEATTLE, WA 98101
Owner/Operator Telephone:	206-224-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIMPSON SAMOA COMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1301 5TH AVE STE 2800
Owner/Operator City,State,Zip:	SEATTLE, WA 98101
Owner/Operator Telephone:	206-224-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20010309
Handler Name:	SIMPSON SAMOA INDUSTRIAL SITE
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:	20010309
Handler Name:	SIMPSON SAMOA INDUSTRIAL SITE
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 Codes:	No NAICS Codes Found

SIMPSON SAMOA INDUSTRIAL SITE (Continued) **1004677104**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E14 **REDWOOD TERMINAL NO. 2** **CERS HAZ WASTE** **S123102921**
NNW **364 VANCE AVE** **CUPA Listings** **N/A**
< 1/8 **SAMOA, CA 95564** **CERS**
0.080 mi.
422 ft. **Site 1 of 3 in cluster E**

Relative:
Higher

Actual:
49 ft.

CERS HAZ WASTE:
Name: REDWOOD TERMINAL NO. 2
Address: 364 VANCE AVE
City,State,Zip: SAMOA, CA 95564
Site ID: 61068
CERS ID: 10458976
CERS Description: Hazardous Waste Generator

CUPA HUMBOLDT:
Name: REDWOOD TERMINAL NO. 2
Address: 364 VANCE AVE
City,State,Zip: SAMOA, CA 95564
Local Site Id: FA0005626
Facility Address 2: Not reported
Program Identifier: CUPA - SQG
Program Element Code Desc: 4401 4401 - Hazardous Waste Generator (SQG)
Permit Status: 01 - Active
CERS ID: 10458976
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING
Record ID: PR0009492
District: N - North
SIC Code: 4491 - Marine cargo handling
Last Touched: 01/29/2021
Update By: JGONZALEZ
Contact Name: Alan Bobilot
Day Phone: 7074430801
Latitude: 40.82071
Longitude: -124.1845

Name: THE HYDROCARBON COMPANY
Address: 364 VANCE AVE
City,State,Zip: SAMOA, CA 95564
Local Site Id: FA0006126
Facility Address 2: Not reported
Program Identifier: CUPA - HMBP
Program Element Code Desc: 4201 4201 - HMBP and/or Inventory
Permit Status: 01 - Active
CERS ID: 10758565
Facility Status: 04 - ACTIVE, EXEMPT FROM BILLING
Record ID: PR0010127
District: N - North
SIC Code: (none)
Last Touched: 07/08/2021

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Update By:	DADAMS
Contact Name:	Robert McGehee
Day Phone:	9255942664
Latitude:	40.82070
Longitude:	-124.1845

Name:	REDWOOD TERMINAL NO. 2
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005626
Facility Address 2:	Not reported
Program Identifier:	CUPA - APSA Tier I
Program Element Code Desc:	4005 4005 - APSA Tier I Facility
Permit Status:	01 - Active
CERS ID:	10458976
Facility Status:	01 - ACTIVE, BILLABLE
Record ID:	PR0009451
District:	N - North
SIC Code:	4491 - Marine cargo handling
Last Touched:	01/29/2021
Update By:	JGONZALEZ
Contact Name:	Alan Bobilot
Day Phone:	7074430801
Latitude:	40.82071
Longitude:	-124.1845

Name:	REDWOOD TERMINAL NO. 2
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005626
Facility Address 2:	Not reported
Program Identifier:	CUPA - Complex Facility
Program Element Code Desc:	5003 5003 - High Risk Facility
Permit Status:	02 - Inactive
CERS ID:	10458976
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0010270
District:	N - North
SIC Code:	4491 - Marine cargo handling
Last Touched:	01/29/2021
Update By:	JGONZALEZ
Contact Name:	Not reported
Day Phone:	Not reported
Latitude:	40.82071
Longitude:	-124.1845

Name:	REDWOOD TERMINAL NO. 2
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005626
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10458976
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0008941

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

District:	N - North
SIC Code:	4491 - Marine cargo handling
Last Touched:	01/29/2021
Update By:	JGONZALEZ
Contact Name:	Alan Bobillot
Day Phone:	7074430801
Latitude:	40.82071
Longitude:	-124.1845

CERS:

Name:	REDWOOD TERMINAL NO. 2
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Site ID:	61068
CERS ID:	10458976
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	04-18-2019
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 07/22/2019. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. The following were observed on-site during the inspection: - 1 x 55 gallon waste antifreeze drum in Auto shop - 2 x 55 gallon transmission fluid (drivetrain and ISO 100) in Auto shop -14 fiber drums of water treatment chemical 4050B in warehouse - 2 pallets (approximately 1,000 lbs) of soda ash in warehouse -1 x 55 gallon drum of 92 octane fuel in crane area Verify and delete the following -gasoline in auto shop -grease in auto shop -silica and flocculant in warehouse CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities within 30 days. Include updated Federal Hazard category information for each chemical in the inventory.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	11-03-2016
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

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

	Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 12/06/2016. OBSERVATION: 55 gallon drums of oily debris, oily water and waste oil in the shop had identifiers but did not have all appropriate hazardous waste labeling. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. Send DEH the "Self Certification Return to Compliance" form within 14 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	04-29-2021
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:	Did not observe a hazardous materials business plan submittal or certification for 2021. Within 30 days, complete and electronically submit a hazardous materials business plan.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	11-03-2016
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 12/06/2016. OBSERVATION: The facility Hazardous Materials Chemical Inventory is not accurate. Many chemicals have been removed during site cleanup and other chemicals have been moved to different locations. CORRECTIVE ACTION: Revise the Chemical Inventory and submit electronically in the California Environmental Reporting System (CERS) within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	04-29-2021
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Observed waste refractory, cement, fyrquel lubricating oil and roofing tar with an accumulation start date of 12-7-2016. This is a repeat violation and the third and final notice. Within 30 days, ensure all hazardous waste that has exceeded its accumulation time limit is properly disposed of and provide proof of proper disposal to DEH.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	04-18-2019
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 08/15/2019. OBSERVATION: The business failed 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 including familiarity with the emergency response plan or failure to document and maintain training records for a minimum of three years. CORRECTIVE ACTION: Conduct a training covering the above referenced items within 15 days and send a copy of the sign-in sheet to DEH within that timeframe.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	04-18-2019
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 08/15/2019. OBSERVATION: The business failed to provide annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material including familiarity with the emergency response plan or failure to document and maintain training records for a minimum of three years. CORRECTIVE ACTION: Conduct a training covering the above referenced items within 30 days and send a copy of the sign-in sheet to DEH within that timeframe.
Violation Division:	Humboldt County Division of Environmental Health

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	11-03-2016
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description:	Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.
Violation Notes:	Returned to compliance on 03/02/2017. OBSERVATION: Twelve 55 gallon drums of oily solids and two 55 gallon drums of waste oil have exceeded the 90 day accumulation timeframe. Facilities who generate more than 1000 kg of hazardous waste per month may store waste on site up to 90 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	11-03-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 11/23/2016. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	06-08-2020
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	By 7/30/2020 you must properly dispose of the following items being stored in the warehouse: Twelve drums each partially full of what has been called roofing tar. These drums were determined to be hazardous waste and are labeled with accumulation start date 12-7-2016. Two

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

pallets with 50 pound bags of Greenlite refractory which is hazardous for silicate dust. Safety Data Sheets indicate "danger" and may cause cancer if inhaled. One pallet of Chemester powder, more silica dust. 10- 56 pound bags. Six fiber drums of AR-196 cement. Three 55 gallon drums of "Fyrquel" high temperature lubricating oil. I believe this is bearing oil used for the high speed turbine. There may be more in a lube tank in the turbine building.

Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 61068
Site Name: Redwood Terminal No. 2
Violation Date: 11-03-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, 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 12/06/2016. OBSERVATION: The Business Activities page must be revised to state NO to LQG and APSA. The Owner/Operator ID page has outdated contact information. CORRECTIVE ACTION: Make revisions to both of these forms and submit electronically in the California Environmental Reporting System (CERS) within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 61068
Site Name: Redwood Terminal No. 2
Violation Date: 11-03-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 12/06/2016. OBSERVATION: The annotated site map submitted to the CUPA does not include all required elements. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS) within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 61068
Site Name: Redwood Terminal No. 2
Violation Date: 04-18-2019
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 07/22/2019. OBSERVATION: The business failed

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. The following were observed on-site during the inspection: - 1 x 55 gallon waste antifreeze drum in Auto shop - 2 x 55 gallon transmission fluid (drivetrain and ISO 100) in Auto shop -14 fiber drums of water treatment chemical 4050B in warehouse - 2 pallets (approximately 1,000 lbs) of soda ash in warehouse -1 x 55 gallon drum of 92 octane fuel in crane area Verify and delete the following -gasoline in auto shop -grease in auto shop -silica and flocculant in warehouse CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities within 15 days. Include updated Federal Hazard category information for each chemical in the inventory.

Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 61068
Site Name: Redwood Terminal No. 2
Violation Date: 04-29-2021
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: Observed 55 gallons of waste solvent, approximately 3000 pounds of refractory and approximately 350 gallons of grease in warehouse. This is a repeat violation. Within 30 days, update CERS to include all hazardous materials/wastes at or above threshold quantities or properly dispose of these materials. If disposed of, provide proof of proper disposal to DEH.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-18-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-18-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	675 gallons of roofing tar has been on-site for several years. A waste determination and disposal must be made on this material within the year.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-29-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	EPA ID# active.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-29-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Remove if not planning on storing: Did not observe 55 gallons of new antifreeze or 1,000 pounds of citric acid in warehouse or 55 gallons gasoline in crane area. Update locations: Observed approximately 55 gallons of lubricating oils in auto shop in small counters, bulk 55 gallon drums of lubricating oils were stored in the warehouse. Ensure wastes are appropriately listed as wastes in CERS.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-10-2019
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Staff time spent on a 3rd inspection for this year will be billed out at our hourly rate of $118.00
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-03-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2020

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	There are hazardous materials that are no longer usable or have been deemed hazardous waste. Some of these materials were inherited with the purchase of the property. These materials no longer have viable use and therefore must be properly disposed at a licensed facility. These materials have been discussed at prior inspections. Please be advised that you may be subject to administrative, civil, or criminal penalties associated with the violations described in this report. If you have questions, or if I may be of assistance, please contact me at (707) 268-2226.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-03-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The four fuel tanks on site must meet the definition of permanently closed which means that, "all liquid and sludge has been removed from each container and connecting lines. All connecting lines and piping have been disconnected from the container and blanked off, all vales have been closed and locked and conspicuous signs have been posted on each container stating that it is a permanently closed container and noting the date of closure. Make these changes within 30 days and contact DEH for a reinspection.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	APSA
Eval Source:	CERS

Coordinates:

Site ID:	61068
Facility Name:	Redwood Terminal No. 2
Env Int Type Code:	HWG
Program ID:	10458976
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	40.820690
Longitude:	-124.184490

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215
Affiliation Type Desc:	Legal Owner
Entity Name:	Humboldt Bay Harbor District
Entity Title:	Not reported
Affiliation Address:	PO BOx 1030
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95502-1030
Affiliation Phone:	(707) 443-0801
Affiliation Type Desc:	Environmental Contact
Entity Name:	Adam Wagschal
Entity Title:	Not reported
Affiliation Address:	PO Box 1030
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95502-1030
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO Box 1030
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95502-1030
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Redwood Terminal No. 2
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:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Bernadette Clueit
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:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Bernadette Clueit

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Entity Title: Harbor Specialist III
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Humboldt Bay Harbor District
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 443-0801

Affiliation Type Desc: Property Owner
Entity Name: Humboldt Bay Harbor District
Entity Title: Not reported
Affiliation Address: PO BOx 1030
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95502-1030
Affiliation Phone: (707) 443-0801

Name: THE HYDROCARBON COMPANY
Address: 364 VANCE AVE
City,State,Zip: SAMOA, CA 95564
Site ID: 440645
CERS ID: 10758565
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 440645
Site Name: The Hydrocarbon Company
Violation Date: 08-29-2018
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 10/03/2018. OBSERVATION: The business failed 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 including familiarity with the emergency response plan or failure to document and maintain training records for a minimum of three years. CORRECTIVE ACTION: Conduct a training within 30 days and send a copy of training sign in sheet to DEH within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-04-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-29-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	440645
Facility Name:	The Hydrocarbon Company
Env Int Type Code:	HMBP
Program ID:	10758565
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	40.804160
Longitude:	-124.195720

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215

Affiliation Type Desc:	Environmental Contact
Entity Name:	Jordan Alonso
Entity Title:	Not reported
Affiliation Address:	10545 NW La Cassel Crest Ln
Affiliation City:	Portland
Affiliation State:	OR
Affiliation Country:	Not reported
Affiliation Zip:	97229
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	The Hydrocarbon Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(503) 680-4287
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1738 Woodside Dr
Affiliation City:	Woodland
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95695
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Thomas Alonso
Entity Title:	Not reported
Affiliation Address:	10545 NW La Cassel Crest Ln
Affiliation City:	Portland
Affiliation State:	OR
Affiliation Country:	United States
Affiliation Zip:	97229
Affiliation Phone:	(503) 680-4287
Affiliation Type Desc:	Parent Corporation
Entity Name:	The Hydrocarbon Company
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:	Not reported

E15 **REDWOOD MARINE TERMINAL II** **SWF/LF** **S118397606**
NNW **364 VANCE AVE** **AST** **N/A**
< 1/8 **SAMOA, CA 95564** **HAZNET**
0.080 mi. **CERS**
422 ft. **Site 2 of 3 in cluster E** **HWTS**

Relative: SWF/LF (SWIS):
Higher

Actual: Name:	SAMOA LANDFILL SITE
49 ft. Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Region:	STATE
Facility ID:	12-AA-0017
SWIS Number:	12-AA-0017
Point of Contact:	Angela Gomez
Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	D
EPA Federal Registry ID:	Not reported

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

ARB District:	North Coast Unified
SWRCB Region:	North Coast
Local Government:	Humboldt County (Unincorporated)
Reporting Agency Legal Name:	County of Humboldt
Reporting Agency Department:	Department of Health and Human Services, Environmental Health Division
Enforcing Agency Legal Name:	County of Humboldt
Enforcing Agency Department:	Department of Health and Human Services, Environmental Health Division
Regulation Status:	Permitted

Activity:

SWIS Number:	12-AA-0017
Site Name:	Samoa Landfill Site
Activity:	Wood Waste Disposal Site
Activity Is Archived:	No
Category:	Disposal
Activity Classification:	Solid Waste Facility
WDR Number:	Not reported
WDR Landfill Class:	III
Cease Operation:	12/31/1998
Cease Operation Type:	Estimated
Inspection Frequency:	Annual
Throughput:	50
Throughput Units:	Cubic Yards per Day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	Not reported
Capacity Units:	Not reported
Total Acreage:	6
Disposal Acreage:	0
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Angela Gomez
Site Operational Status:	Closed
Site Regulatory Status:	Permitted
Site Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	D
EPA Federal Registry ID:	Not reported
County:	Humboldt
ARB District:	North Coast Unified
SWRCB Region:	North Coast
Local Government:	Humboldt County (Unincorporated)
Street Address:	364 Vance Ave
City:	Samoa
State:	CA
ZIP Code:	95564
Reporting Agency Legal Name:	County of Humboldt
Reporting Agency Department:	Department of Health and Human Services, Environmental Health Division
Enforcing Agency Legal Name:	County of Humboldt
Enforcing Agency Department:	Department of Health and Human Services, Environmental Health Division

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Operator:

SWIS Number:	12-AA-0017
Site Name:	Samoa Landfill Site
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Permitted
Latitude:	40.80583
Longitude:	-124.19833
Is Archived:	No
Operator:	Humboldt Bay Harbor, Rec. & Cons. Dist.
Started On:	11/20/2020
Contact Name:	Adam Wagschal
Contact Title:	Not reported
Contact Email:	awagschal@humboldtbay.org
Contact Phone:	(707) 443-0801
Street Address:	P.O. Box 1030
Operator City:	Eureka
Operator State:	CA
Operator Zip:	95502

Owner:

SWIS Number:	12-AA-0017
Owner:	Humboldt Bay Development Association
Owner Address:	P.O. Box 1030
Owner City:	Eureka
Owner State:	CA
Owner Zip:	95502
Site Name:	Samoa Landfill Site
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Permitted
Latitude:	40.80583
Longitude:	-124.19833
Is Archived:	No
Started On:	11/20/2020
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	awagschal@humboldtbay.org
Contact Phone:	(707) 443-0801

AST:

Name:	REDWOOD TERMINAL NO. 2
Address:	364 VANCE AVE
City/Zip:	SAMOA,95564
Certified Unified Program Agencies:	Not reported
Owner:	Humboldt Bay Harbor District
Total Gallons:	Not reported
CERSID:	10458976
Facility ID:	Not reported
Business Name:	Redwood Terminal No. 2
Phone:	(707) 443-0801
Fax:	(707) 443-0800
Mailing Address:	PO Box 1030
Mailing Address City:	Eureka
Mailing Address State:	CA

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Mailing Address Zip Code:	Not reported
Operator Name:	Humboldt Bay Harbor District
Operator Phone:	(707) 443-0801
Owner Phone:	(707) 443-0801
Owner Mail Address:	PO BOx 1030
Owner State:	CA
Owner Zip Code:	Not reported
Owner Country:	United States
Property Owner Name:	Humboldt Bay Harbor District
Property Owner Phone:	(707) 443-0801
Property Owner Mailing Address:	PO BOx 1030
Property Owner City:	Eureka
Property Owner Stat :	CA
Property Owner Zip Code:	Not reported
Property Owner Country:	United States
EPAID:	000-209-005

HAZNET:

Name:	REDWOOD MARINE TERMINAL II
Address:	364 VANCE AVE
Address 2:	Not reported
City,State,Zip:	SAMOA, CA 95536
Contact:	ALAN BOBILLOT
Telephone:	7074436592
Mailing Name:	Not reported
Mailing Address:	PO BOX 1030
Year:	2017
Gepaid:	CAL000422265
TSD EPA ID:	CAD097030993
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2
Year:	2016
Gepaid:	CAL000422265
TSD EPA ID:	CAD097030993
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.2

Additional Info:

Year:	2017
Gen EPA ID:	CAL000422265
Shipment Date:	20170302
Creation Date:	5/25/2017 18:30:16
Receipt Date:	20170323
Manifest ID:	016764551JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170126
Creation Date:	5/17/2017 18:31:30
Receipt Date:	20170213
Manifest ID:	016810159JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON, INC.
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	ADCHEM, LLC
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Site ID:	565874
CERS ID:	10841716
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-20-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Opening business inspection. Training documentation will be emailed.
Eval Division:	Humboldt County Division of Environmental Health

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 565874
Facility Name: AdChem, LLC
Env Int Type Code: HMBP
Program ID: 10841716
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 40.804170
Longitude: -124.195730

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215

Affiliation Type Desc: Document Preparer
Entity Name: William Lowa
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: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: William Lowa
Entity Title: COO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: William Lowa
Entity Title: Not reported
Affiliation Address: 2512 Telegraph Ave, Unit 366
Affiliation City: Berkeley
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94704
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Entity Title: Not reported
Affiliation Address: 2512 Telegraph Ave, Unit 366
Affiliation City: Berkeley
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94704
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: AdChem, LLC
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: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: AdChem, LLC
Entity Title: Not reported
Affiliation Address: 2512 Telegraph Ave, Unit 366
Affiliation City: Berkeley
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94704
Affiliation Phone: (510) 725-7841

Affiliation Type Desc: Operator
Entity Name: William Lowa
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: (484) 300-3064

Name: SAMOA LANDFILL SITE
Address: 364 VANCE AVE
City,State,Zip: SAMOA, CA
Site ID: 511570
CERS ID: 12-AA-0017
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Humboldt Bay Development Association
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95502
Affiliation Phone: 7074430801

Affiliation Type Desc: Legal Operator

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Entity Name:	Humboldt Bay Harbor, Rec. & Cons. Dist.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95502
Affiliation Phone:	7074430801

HWTS:

Name:	REDWOOD MARINE TERMINAL II
Address:	364 VANCE AVE
Address 2:	Not reported
City,State,Zip:	SAMOA, CA 95564
EPA ID:	CAC003079693
Inactive Date:	11/16/2020
Create Date:	08/17/2020
Last Act Date:	11/17/2020
Mailing Name:	Not reported
Mailing Address:	601 STARTARE DRIVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	EUREKA, CA 95501
Owner Name:	HUMBOLDT BAY HARBOR DISTRICT
Owner Address:	601 STARTARE DRIVE
Owner Address 2:	Not reported
Owner City,State,Zip:	ERUEKA, CA 95501
Contact Name:	LARRY OETKER
Contact Address:	601 STARTARE DRIVE
Contact Address 2:	Not reported
City,State,Zip:	EUREKA, CA 95501

NAICS:

EPA ID:	CAC003079693
Create Date:	2020-08-17 15:43:20.637
NAICS Code:	322121
NAICS Description:	Paper (except Newsprint) Mills
Issued EPA ID Date:	2020-08-17 15:43:20.65000
Inactive Date:	2020-11-16 15:43:20.63700
Facility Name:	REDWOOD MARINE TERMINAL II
Facility Address:	364 VANCE AVE
Facility Address 2:	Not reported
Facility City:	SAMOA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95564

Name:	REDWOOD MARINE TERMINAL II
Address:	364 VANCE AVE
Address 2:	Not reported
City,State,Zip:	SAMOA, CA 95536
EPA ID:	CAL000422265
Inactive Date:	Not reported
Create Date:	11/17/2016
Last Act Date:	10/19/2020
Mailing Name:	CHRIS MIKKELSEN

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Mailing Address: PO BOX 1030
Mailing Address 2: Not reported
Mailing City,State,Zip: EUREKA, CA 955021030
Owner Name: HUMBOLDT BAY HARBOR DISTRICT
Owner Address: PO BOX 1030
Owner Address 2: Not reported
Owner City,State,Zip: EUREKA, CA 955021030
Contact Name: CHRIS MIKKELSEN
Contact Address: 601 STARTARE DRIVE
Contact Address 2: Not reported
City,State,Zip: EUREKA, CA 95501

NAICS:
EPA ID: CAL000422265
Create Date: 2016-11-17 11:23:38.247
NAICS Code: 71151
NAICS Description: Independent Artists, Writers, and Performers
Issued EPA ID Date: 2016-11-17 11:23:38.05000
Inactive Date: Not reported
Facility Name: REDWOOD MARINE TERMINAL II
Facility Address: 364 VANCE AVE
Facility Address 2: Not reported
Facility City: SAMOA
Facility County: Not reported
Facility State: CA
Facility Zip: 95536

Name: REDWOOD MARINE TERMINAL II
Address: 364 VANCE AVE
Address 2: Not reported
City,State,Zip: SAMOA, CA 95564
EPA ID: CAC003064158
Inactive Date: 07/22/2020
Create Date: 04/22/2020
Last Act Date: 07/23/2020
Mailing Name: Not reported
Mailing Address: 601 STARTARE DR
Mailing Address 2: Not reported
Mailing City,State,Zip: EUREKA, CA 95501
Owner Name: HMBOLDT BAY HARBOR DISTRICT
Owner Address: 601 STARTARE DR
Owner Address 2: Not reported
Owner City,State,Zip: EUREKA, CA 95501
Contact Name: LARRY OETKER
Contact Address: 601 STARTARE DR
Contact Address 2: Not reported
City,State,Zip: EUREKA, CA 95501

NAICS:
EPA ID: CAC003064158
Create Date: 2020-04-22 17:48:29.020
NAICS Code: 322121
NAICS Description: Paper (except Newsprint) Mills
Issued EPA ID Date: 2020-04-22 17:48:29.03700
Inactive Date: 2020-07-22 17:48:29.00300
Facility Name: REDWOOD MARINE TERMINAL II
Facility Address: 364 VANCE AVE

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Facility Address 2:	Not reported
Facility City:	SAMOA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95564

E16 **TAYLOR MARICULTURE** **CUPA Listings** **S118689475**
NW **264 VANCE AVE** **N/A**
< 1/8 **SAMOA, CA 95564**
0.086 mi.
452 ft. **Site 3 of 3 in cluster E**

Relative:
Higher

Actual:
48 ft.

CUPA HUMBOLDT:

Name:	TAYLOR MARICULTURE
Address:	264 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005711
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10663864
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0009193
District:	N - North
SIC Code:	0913 - Shellfish
Last Touched:	06/30/2021
Update By:	DADAMS
Contact Name:	Mitch White
Day Phone:	7074998839
Latitude:	40.82062
Longitude:	-124.1848

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17 **LP SAMOA PULPMILL** **HIST CORTESE** **S103340816**
West **SAMOA PENNINSULA** **WDS** **N/A**
1/8-1/4 **SAMOA, CA 95564** **CIWQS**
0.220 mi.
1159 ft.

Relative:
Higher

Actual:
23 ft.

HIST CORTESE:

edr_fname:	LP SAMOA PULPMILL
edr_fadd1:	SAMOA PENNINSULA
City,State,Zip:	SAMOA, CA 95564
Region:	CORTESE
Facility County Code:	12
Reg By:	WBC&D
Reg Id:	1B770050HUM

WDS:

Name:	EVERGREEN PULP INC (LP SAMOA)
Address:	SAMOA PENNINSULA
City:	SAMOA
Facility ID:	1 12I016963
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or

LP SAMOA PULPMILL (Continued) **S103340816**

	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:	1
Facility Telephone:	Not reported
Facility Contact:	TONY JAEGEL
Agency Name:	EVERGREEN PULP INC.
Agency Address:	P.O. BOX 218
Agency City,St,Zip:	SAMOA 95564
Agency Contact:	DAVID TSANG
Agency Telephone:	7072697553
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Primary Waste:	STORMS
Waste Type2:	Not reported
Waste2:	Stormwater Runoff
Primary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
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.
Name:	EVERGREEN PULP INC (LP SAMOA)
Address:	SAMOA PENNINSULA
City:	SAMOA
Facility ID:	North Coastal 77005OHUM
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

LP SAMOA PULPMILL (Continued) **S103340816**

	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:	CA0005894 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	1
Facility Telephone:	Not reported
Facility Contact:	TONY JAEGEL
Agency Name:	EVERGREEN PULP INC.
Agency Address:	P.O. BOX 218
Agency City,St,Zip:	SAMOA 95564
Agency Contact:	DAVID TSANG
Agency Telephone:	7072697553
Agency Type:	Private
SIC Code:	2411
SIC Code 2:	Not reported
Primary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Primary Waste:	PROCES
Waste Type2:	D
Waste2:	Process Waste (Waste produced as part of the industrial/manufacturing process)
Primary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Secondary Waste:	Domestic Sewage
Secondary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Design Flow:	30
Baseline Flow:	20
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Complexity:	Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.

CIWQS:

Name:	EVERGREEN PULP INC (LP SAMOA)
Address:	SAMOA PENNINSULA
City,State,Zip:	SAMOA, CA 95564
Agency:	Samoa Pulp Mill
Agency Address:	PO Box 218, Samoa, CA 95564
Place/Project Type:	Industrial - Pulp Mills
SIC/NAICS:	2611

LP SAMOA PULPMILL (Continued) **S103340816**

Region:	1
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	1 12I016963
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	11/28/2001
Termination Date:	07/26/2005
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

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18 **TOWN OF SAMOA** **US BROWNFIELDS** **1018273372**
SW **VANCE AVENUE** **N/A**
1/4-1/2 **SAMOA, CA 95564**
0.360 mi.
1900 ft.

Relative: **Higher**

Actual: **22 ft.**

US BROWNFIELDS:

Name:	TOWN OF SAMOA
Address:	VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	401-031-046
Parcel size:	68.55
Latitude:	40.8128665
Longitude:	-124.1902477
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This is an historic lumber town. The green space will remain green space. The residential is being expanded. Commercial is mostly vacant; the eventual plan is to bring this back. Industrial will remain industrial. Since project inception 23 homes have had Lead-Based Paint removed.Two other commercial buildings are being worked on at this time as well.
Datum:	North American Datum of 1983
Acres Property ID:	158041
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	61245
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-

TOWN OF SAMOA (Continued) **1018273372**

Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96915401
Start Date:	10/16/2006
Ownership Entity:	Private
Completion Date:	04/21/2007
Current Owner:	Samoa Pacific Group LLC
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-

TOWN OF SAMOA (Continued) **1018273372**

Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	13
Future use residential acreage:	24
Future use commercial acreage:	5
Future use industrial acreage:	26
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	Y
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	-
Below Poverty Number:	39
Below Poverty Percent:	19.6
Meidan Income:	1841
Meidan Income Number:	82
Meidan Income Percent:	41.21
Vacant Housing Number:	6
Vacant Housing Percent:	6.28
Unemployed Number:	9
Unemployed Percent:	4.52

Name:	TOWN OF SAMOA
Address:	VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564

TOWN OF SAMOA (Continued) **1018273372**

Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	401-031-046
Parcel size:	68.55
Latitude:	40.8128665
Longitude:	-124.1902477
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This is an historic lumber town. The green space will remain green space. The residential is being expanded. Commercial is mostly vacant; the eventual plan is to bring this back. Industrial will remain industrial. Since project inception 23 homes have had Lead-Based Paint removed.Two other commercial buildings are being worked on at this time as well.
Datum:	North American Datum of 1983
Acres Property ID:	158041
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	96915401
Start Date:	-
Ownership Entity:	Private
Completion Date:	-
Current Owner:	Samoa Pacific Group LLC
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-

TOWN OF SAMOA (Continued) **1018273372**

Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	13
Future use residential acreage:	24
Future use commercial acreage:	5
Future use industrial acreage:	26
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-

TOWN OF SAMOA (Continued) **1018273372**

Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	Y
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	-
Below Poverty Number:	39
Below Poverty Percent:	19.6
Meidan Income:	1841
Meidan Income Number:	82
Meidan Income Percent:	41.21
Vacant Housing Number:	6
Vacant Housing Percent:	6.28
Unemployed Number:	9
Unemployed Percent:	4.52

Name:	TOWN OF SAMOA
Address:	VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	BCRLF
Property Number:	401-031-046
Parcel size:	68.55
Latitude:	40.8128665
Longitude:	-124.1902477
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This is an historic lumber town. The green space will remain green space. The residential is being expanded. Commercial is mostly vacant; the eventual plan is to bring this back. Industrial will remain industrial. Since project inception 23 homes have had Lead-Based Paint removed.Two other commercial buildings are being worked on at this time as well.
Datum:	North American Datum of 1983
Acres Property ID:	158041
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-

TOWN OF SAMOA (Continued) **1018273372**

Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	96986701
Start Date:	-
Ownership Entity:	Private
Completion Date:	-
Current Owner:	Samoa Pacific Group LLC
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-

TOWN OF SAMOA (Continued) **1018273372**

Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	13
Future use residential acreage:	24
Future use commercial acreage:	5
Future use industrial acreage:	26
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	Y
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	-
Below Poverty Number:	39
Below Poverty Percent:	19.6
Meidan Income:	1841
Meidan Income Number:	82
Meidan Income Percent:	41.21
Vacant Housing Number:	6
Vacant Housing Percent:	6.28
Unemployed Number:	9
Unemployed Percent:	4.52

Name:	TOWN OF SAMOA
Address:	VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County

TOWN OF SAMOA (Continued) **1018273372**

Grant Type:	BCRLF
Property Number:	401-031-046
Parcel size:	68.55
Latitude:	40.8128665
Longitude:	-124.1902477
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This is an historic lumber town. The green space will remain green space. The residential is being expanded. Commercial is mostly vacant; the eventual plan is to bring this back. Industrial will remain industrial. Since project inception 23 homes have had Lead-Based Paint removed.Two other commercial buildings are being worked on at this time as well.
Datum:	North American Datum of 1983
Acres Property ID:	158041
IC Data Access:	-
Start Date:	05/15/2014
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	4
Cleanup Funding:	190000
Cleanup Funding Source:	Samoa Pacific LLC
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	Private/Other Funding
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	96986701
Start Date:	-
Ownership Entity:	Private
Completion Date:	-
Current Owner:	Samoa Pacific Group LLC
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-

TOWN OF SAMOA (Continued) **1018273372**

Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	13
Future use residential acreage:	24
Future use commercial acreage:	5
Future use industrial acreage:	26
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-

TOWN OF SAMOA (Continued) **1018273372**

Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	Y
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	-
Below Poverty Number:	39
Below Poverty Percent:	19.6
Meidan Income:	1841
Meidan Income Number:	82
Meidan Income Percent:	41.21
Vacant Housing Number:	6
Vacant Housing Percent:	6.28
Unemployed Number:	9
Unemployed Percent:	4.52

Name:	TOWN OF SAMOA
Address:	VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	BCRLF
Property Number:	401-031-046
Parcel size:	68.55
Latitude:	40.8128665
Longitude:	-124.1902477
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This is an historic lumber town. The green space will remain green space. The residential is being expanded. Commercial is mostly vacant; the eventual plan is to bring this back. Industrial will remain industrial. Since project inception 23 homes have had Lead-Based Paint removed.Two other commercial buildings are being worked on at this time as well.
Datum:	North American Datum of 1983
Acres Property ID:	158041
IC Data Access:	-
Start Date:	05/15/2014
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	4
Cleanup Funding:	950000
Cleanup Funding Source:	EPA
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-

TOWN OF SAMOA (Continued) **1018273372**

Assessment Funding Entity:	-
Cleanup Funding Entity:	Brownfields RLF Grant Funds Loaned
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	96986701
Start Date:	-
Ownership Entity:	Private
Completion Date:	-
Current Owner:	Samoa Pacific Group LLC
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-

TOWN OF SAMOA (Continued) **1018273372**

Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	13
Future use residential acreage:	24
Future use commercial acreage:	5
Future use industrial acreage:	26
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	Y
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	-
Below Poverty Number:	39
Below Poverty Percent:	19.6
Meidan Income:	1841
Meidan Income Number:	82
Meidan Income Percent:	41.21
Vacant Housing Number:	6
Vacant Housing Percent:	6.28
Unemployed Number:	9
Unemployed Percent:	4.52

Name:	TOWN OF SAMOA
Address:	VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	BCRLF

TOWN OF SAMOA (Continued) **1018273372**

Property Number:	401-031-046
Parcel size:	68.55
Latitude:	40.8128665
Longitude:	-124.1902477
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This is an historic lumber town. The green space will remain green space. The residential is being expanded. Commercial is mostly vacant; the eventual plan is to bring this back. Industrial will remain industrial. Since project inception 23 homes have had Lead-Based Paint removed.Two other commercial buildings are being worked on at this time as well.
Datum:	North American Datum of 1983
Acres Property ID:	158041
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	96986701
Start Date:	-
Ownership Entity:	Private
Completion Date:	-
Current Owner:	Samoa Pacific Group LLC
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-

TOWN OF SAMOA (Continued) **1018273372**

Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	13
Future use residential acreage:	24
Future use commercial acreage:	5
Future use industrial acreage:	26
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-

TOWN OF SAMOA (Continued) **1018273372**

No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	Y
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	-
Below Poverty Number:	39
Below Poverty Percent:	19.6
Meidan Income:	1841
Meidan Income Number:	82
Meidan Income Percent:	41.21
Vacant Housing Number:	6
Vacant Housing Percent:	6.28
Unemployed Number:	9
Unemployed Percent:	4.52

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19 **RECOLOGY SAMOA** **SWF/LF** **S120043417**
SW **555 VANCE AVENUE** **NPDES** **N/A**
1/4-1/2 **SAMOA, CA 95501** **PROC**
0.467 mi. **CIWQS**
2467 ft. **CERS**

Relative: **Higher**
Actual: **24 ft.**

SWF/LF (SWIS):

Name:	RECOLOGY HUMBOLDT COUNTY
Address:	555 VANCE AVE.
City,State,Zip:	SAMOA, CA 95564
Region:	STATE
Facility ID:	12-AA-0127
SWIS Number:	12-AA-0127
Point of Contact:	Eric Kiruja
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	North Coast Unified
SWRCB Region:	North Coast
Local Government:	Humboldt County (Unincorporated)
Reporting Agency Legal Name:	County of Humboldt
Reporting Agency Department:	Department of Health and Human Services, Environmental Health Division
Enforcing Agency Legal Name:	County of Humboldt
Enforcing Agency Department:	Department of Health and Human Services, Environmental Health Division
Regulation Status:	Permitted

Activity:

SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County

RECOLOGY SAMOA (Continued) **S120043417**

Activity:	Medium Volume Transfer/Processing Facility
Activity Is Archived:	No
Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Monthly
Throughput:	100
Throughput Units:	Tons per day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	25000
Capacity Units:	Tons per year
Total Acreage:	2.5
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Eric Kiruja
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	Humboldt
ARB District:	North Coast Unified
SWRCB Region:	North Coast
Local Government:	Humboldt County (Unincorporated)
Street Address:	555 Vance Ave.
City:	Samoa
State:	CA
ZIP Code:	95564
Reporting Agency Legal Name:	County of Humboldt
Reporting Agency Department:	Department of Health and Human Services, Environmental Health Division
Enforcing Agency Legal Name:	County of Humboldt
Enforcing Agency Department:	Department of Health and Human Services, Environmental Health Division

Operator:

SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	40.81263
Longitude:	-124.1935
Is Archived:	No
Operator:	Recology Humboldt County
Started On:	2/13/2018
Contact Name:	Not reported

RECOLOGY SAMOA (Continued) **S120043417**

Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(707) 442-5711
Street Address:	PO Box 188
Operator City:	Samoa
Operator State:	CA
Operator Zip:	95564

Owner:

SWIS Number:	12-AA-0127
Owner:	Recology Humboldt County
Owner Address:	PO Box 188
Owner City:	Samoa
Owner State:	CA
Owner Zip:	95564
Site Name:	Recology Humboldt County
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	40.81263
Longitude:	-124.1935
Is Archived:	No
Started On:	2/13/2018
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(707) 442-5711

Waste:

SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County
Activity:	Medium Volume Transfer/Processing Facility
Waste Type:	Construction/demolition
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County
Activity:	Medium Volume Transfer/Processing Facility
Waste Type:	Green Materials
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted

RECOLOGY SAMOA (Continued) **S120043417**

Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility
SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County
Activity:	Medium Volume Transfer/Processing Facility
Waste Type:	Mixed municipal
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility
SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County
Activity:	Medium Volume Transfer/Processing Facility
Waste Type:	Tires, Passenger
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility
SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County
Activity:	Medium Volume Transfer/Processing Facility
Waste Type:	Tires, Truck
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

NPDES:

Name:	RECOLOGY SAMOA
Address:	555 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95501
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported

RECOLOGY SAMOA (Continued) **S120043417**

Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	1 12NEC003535
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:	08/31/2017
Operator Name:	Recology Humboldt County
Operator Address:	949 West Hawthorne Street
Operator City:	Eureka
Operator State:	California
Operator Zip:	95501

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	489335
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 12NEC003535
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/31/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Recology Humboldt County
Discharge Address:	949 West Hawthorne Street
Discharge City:	Eureka
Discharge State:	California
Discharge Zip:	95501
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

RECOLOGY SAMOA (Continued) **S120043417**

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

Name:	RECOLOGY SAMOA
Address:	555 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95501
Facility Status:	Active
NPDES Number:	CAS000001
Region:	1
Agency Number:	0
Regulatory Measure ID:	489335
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	1 12NEC003535
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported

RECOLOGY SAMOA (Continued) **S120043417**

Effective Date Of Regulatory Measure:	08/31/2017
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	949 West Hawthorne Street
Discharge Name:	Recology Humboldt County
Discharge City:	Eureka
Discharge State:	California
Discharge Zip:	95501
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:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	489335
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 12NEC003535
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/31/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Recology Humboldt County
Discharge Address:	949 West Hawthorne Street
Discharge City:	Eureka
Discharge State:	California
Discharge Zip:	95501
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

RECOLOGY SAMOA (Continued) **S120043417**

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

PROC:

Name:	RECOLOGY HUMBOLDT COUNTY SAMOA RESOURCE RECOVERY CENTER
Address:	555 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Reg Id:	19136
Cert Id:	PR19136.001
Organization Id:	Not reported
Organization Name:	Recology Humboldt County Samoa Resource Recovery Center
Mailing Address:	PO Box 188
Mailing City:	Samoa
Mailing State:	CA
Mailing Zip Code:	95564
Website:	Not reported
Email:	Not reported
Phone Number:	(707) 442-5711
Rural:	N/A
Operation Begin Date:	06/01/2018
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y

RECOLOGY SAMOA (Continued) **S120043417**

Hours of Operation: Mon - Fri 7:00 am - 5:00 pm; Sat - Sun 8:00 am - 5:00 pm

CIWQS:

Name:	RECOLOGY SAMOA
Address:	555 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95501
Agency:	Recology Humboldt County
Agency Address:	949 West Hawthorne Street, Eureka, CA 95501
Place/Project Type:	Industrial - Scrap and Waste Materials
SIC/NAICS:	5093
Region:	1
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	1 12NEC003535
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	08/31/2017
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:	40.812739
Longitude:	-124.193424

CERS:

Name:	RECOLOGY SAMOA
Address:	555 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95501
Site ID:	540510
CERS ID:	857632
CERS Description:	Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Recology Humboldt County
Entity Title:	Operator
Affiliation Address:	949 West Hawthorne Street
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	Not reported

Name:	RECOLOGY HUMBOLDT COUNTY
Address:	555 VANCE AVE.
City,State,Zip:	SAMOA, CA
Site ID:	511262
CERS ID:	12-AA-0127
CERS Description:	Solid Waste and Recycle Sites

RECOLOGY SAMOA (Continued) **S120043417**

Affiliation:
- Affiliation Type Desc: Legal Operator
- Entity Name: Recology Humboldt County
- Entity Title: Not reported
- Affiliation Address: Not reported
- Affiliation City: Samoa
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 95564
- Affiliation Phone: 7074425711

- Affiliation Type Desc: Legal Owner
- Entity Name: Recology Humboldt County
- Entity Title: Not reported
- Affiliation Address: Not reported
- Affiliation City: Samoa
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 95564
- Affiliation Phone: 7074425711

20
SSE
1/2-1
0.879 mi.
4643 ft.

R. E. DAVENPORT
34 W. WATERFRONT
EUREKA, CA 95501

ENVIROSTOR **S101480308**
N/A

Relative:
Lower

Actual:
5 ft.

ENVIROSTOR:
- Name: R. E. DAVENPORT
- Address: 34 W. WATERFRONT
- City,State,Zip: EUREKA, CA 95501
- Facility ID: 12760001
- Status: Refer: RWQCB
- Status Date: 01/03/1994
- Site Code: Not reported
- Site Type: Historical
- Site Type Detailed: * Historical
- Acres: Not reported
- NPL: NO
- Regulatory Agencies: NONE SPECIFIED
- Lead Agency: NONE SPECIFIED
- Program Manager: Not reported
- Supervisor: Referred - Not Assigned
- Division Branch: Cleanup Berkeley
- Assembly: 02
- Senate: 02
- Special Program: Not reported
- Restricted Use: NO
- Site Mgmt Req: NONE SPECIFIED
- Funding: Not reported
- Latitude: 40.80462
- Longitude: -124.1731
- APN: 00101206
- Past Use: NONE SPECIFIED
- Potential COC: * CONTAMINATED SOIL * WASTE OIL & MIXED OIL
- Confirmed COC: NONE SPECIFIED

R. E. DAVENPORT (Continued) **S101480308**

Potential Description: NONE SPECIFIED
Alias Name: 00101206
Alias Type: APN
Alias Name: 12760001
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: 01/03/1994
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

21
SSE
1/2-1
0.966 mi.
5098 ft.

NWP RAILROAD YARD
BROADWAY AND THIRD STREET
EUREKA, CA 95501

ENVIROSTOR **S100204259**
N/A

Relative:
Lower

Actual:
6 ft.

ENVIROSTOR:
Name: NWP RAILROAD YARD
Address: BROADWAY AND THIRD STREET
City,State,Zip: EUREKA, CA 95501
Facility ID: 12400001
Status: Refer: RWQCB
Status Date: 05/13/1991
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 02
Senate: 02
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 40.80222
Longitude: -124.1747
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HYDROCARBON SOLVENTS * ORGANIC SOLIDS WITH HALOGENS * CONTAMINATED SOIL * WASTE OIL & MIXED OIL * ORGANIC LIQUIDS (NONSOLVENTS) WITH

NWP RAILROAD YARD (Continued) **S100204259**

HALOGENS
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 12400001
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: 05/13/1991
Comments: Site screening completed. The NWP RR yard is located on approximately 33 acres of a filled-in salt marsh. A small fresh water marsh covers a portion of the site. Soil and groundwater sampling have identified significant contamination consisting of oil and grease, petroleum hydrocarbons, and small amounts of solvents. Portions of the site are still being used by Eureka Southern Railroad for repairs. PCBs not tested for.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/13/1989
Comments: Referred by County of Humboldt

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: 8 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EUREKA	1003879710	VICTORIA GARDENS	NORTH OF SAMOA BRIDGE	95501	SEMS-ARCHIVE
EUREKA	1000368649	SIERRA PACIFIC INDUSTRIES	SAMOA RD	95501	ENVIROSTOR
EUREKA	1012008241	PG&E EUREKA 3	2ND/3RD/G/H STREETS	95501	EDR MGP
FAIRHAVEN	S101316133	SIMPSON PAPER COMPANY	SAMOA BOULEVARD	95564	CPS-SLIC
FAIRHAVEN	S101316084	OLD PLYWOOD MILL - FAIRHAVEN	SAMOA BOULEVARD	95564	CPS-SLIC
SAMOA	1026164151	REDWOOD MARINE TERMINAL II	364 VANCE AVE	95564	RCRA NonGen / NLR
SAMOA	S126100948	REDWOOD MARINE TERMINAL II	364 VANCE AVENUE	95564	HWTS
SAMOA	1026043984	REDWOOD MARINE TERMINAL II	364 VANCE AVENUE	95564	RCRA NonGen / NLR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly 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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/24/2022
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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 07/12/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 77

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 03/06/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/19/2021
Next Scheduled EDR Contact: 03/07/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

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

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an 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: 08/09/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 87

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/09/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

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

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 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST 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 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 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

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

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

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: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

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

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/30/2021
Number of Days to Update: 84
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 08/18/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/03/2021
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
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: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
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: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

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

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: 09/20/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 12

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

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

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

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

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2021
Next Scheduled EDR Contact: 02/07/2022
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: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: 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: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

CERS HAZ WASTE: 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: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83
Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

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

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Quarterly

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 12/01/2019
Date Data Arrived at EDR: 08/19/2021
Date Made Active in Reports: 10/28/2021
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/31/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

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

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

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

Local Land Records

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

Date of Government Version: 08/25/2021
Date Data Arrived at EDR: 09/03/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
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: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: 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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 08/17/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 66

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
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: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 07/19/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 40
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
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: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
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: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
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: 12/02/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

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

Date of Government Version: 09/13/2019
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: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

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

Date of Government Version: 07/01/2019
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: 09/27/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
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: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/09/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/09/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 91

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/26/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
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: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
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: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 70

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
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: 09/20/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/19/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/18/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/24/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

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: 12/20/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/16/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/04/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 84

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 87

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

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

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

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 87

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/05/2021
Date Made Active in Reports: 12/22/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/09/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/12/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
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: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
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: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
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: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84
Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80
Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83
Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

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: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

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: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/01/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 75

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 42

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

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

Date of Government Version: 07/20/2021
Date Data Arrived at EDR: 07/20/2021
Date Made Active in Reports: 10/11/2021
Number of Days to Update: 83

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 07/23/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 77

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/09/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 86

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/21/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 56

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 6

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 12/22/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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

Source: N/A
Telephone: N/A
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

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

Date of Government Version: 07/08/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 04/21/2021
Number of Days to Update: 5

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/14/2021
Number of Days to Update: 89

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021
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: 10/15/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
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: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
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: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
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: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
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: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

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

Date of Government Version: 09/22/2021
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: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 06/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/23/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 1

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

NAPA COUNTY:

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

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/28/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

ORANGE COUNTY:

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

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Annually

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

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 07/29/2021
Date Made Active in Reports: 10/19/2021
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

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

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/09/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 81

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

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

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 75
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 76
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

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

Date of Government Version: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/28/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 08/02/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/02/2021
Number of Days to Update: 90
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

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

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

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

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
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: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/31/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

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

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 08/11/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 89

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

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

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

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

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/04/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 02/27/2022
Data Release Frequency: Varies

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

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

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

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Annually

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: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SOLANO COUNTY:

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

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

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

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/17/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 78

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/14/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
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: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

VENTURA COUNTY:

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

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 81

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: No Update Planned

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

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

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 80

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/23/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 78

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/20/2021
Date Data Arrived at EDR: 07/20/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 80

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/23/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 90

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
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: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/07/2022
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: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/06/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SAMOA - REDWOOD MARINE TERMINAL 1- NORTH
VANCE AVE
SAMOA, CA 95564

TARGET PROPERTY COORDINATES

Latitude (North):	40.817903 - 40ˆ 49’ 4.45’’
Longitude (West):	124.182222 - 124ˆ 10’ 56.00’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	400296.5
UTM Y (Meters):	4519003.5
Elevation:	10 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12014188 EUREKA, CA
Version Date:	2018

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

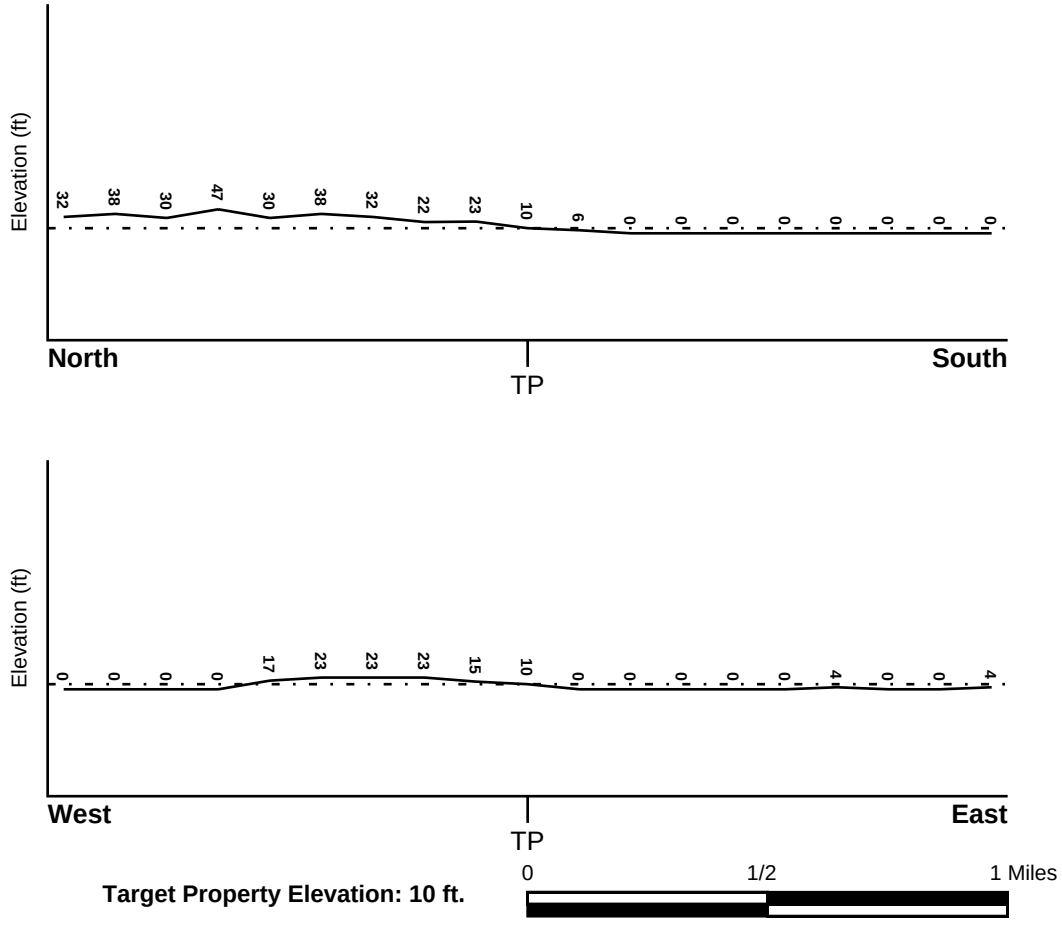
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 10 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
0600600775C	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
0600620005C	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
EUREKA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	DUNE LAND
Soil Surface Texture:	sand
Hydrologic Group:	Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 0.00 Min: 0.00
2	6 inches	60 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sand
gravelly - coarse sand
silty clay loam

Surficial Soil Types: fine sand
gravelly - coarse sand
silty clay loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: coarse sand
fine sand
stratified
clay

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

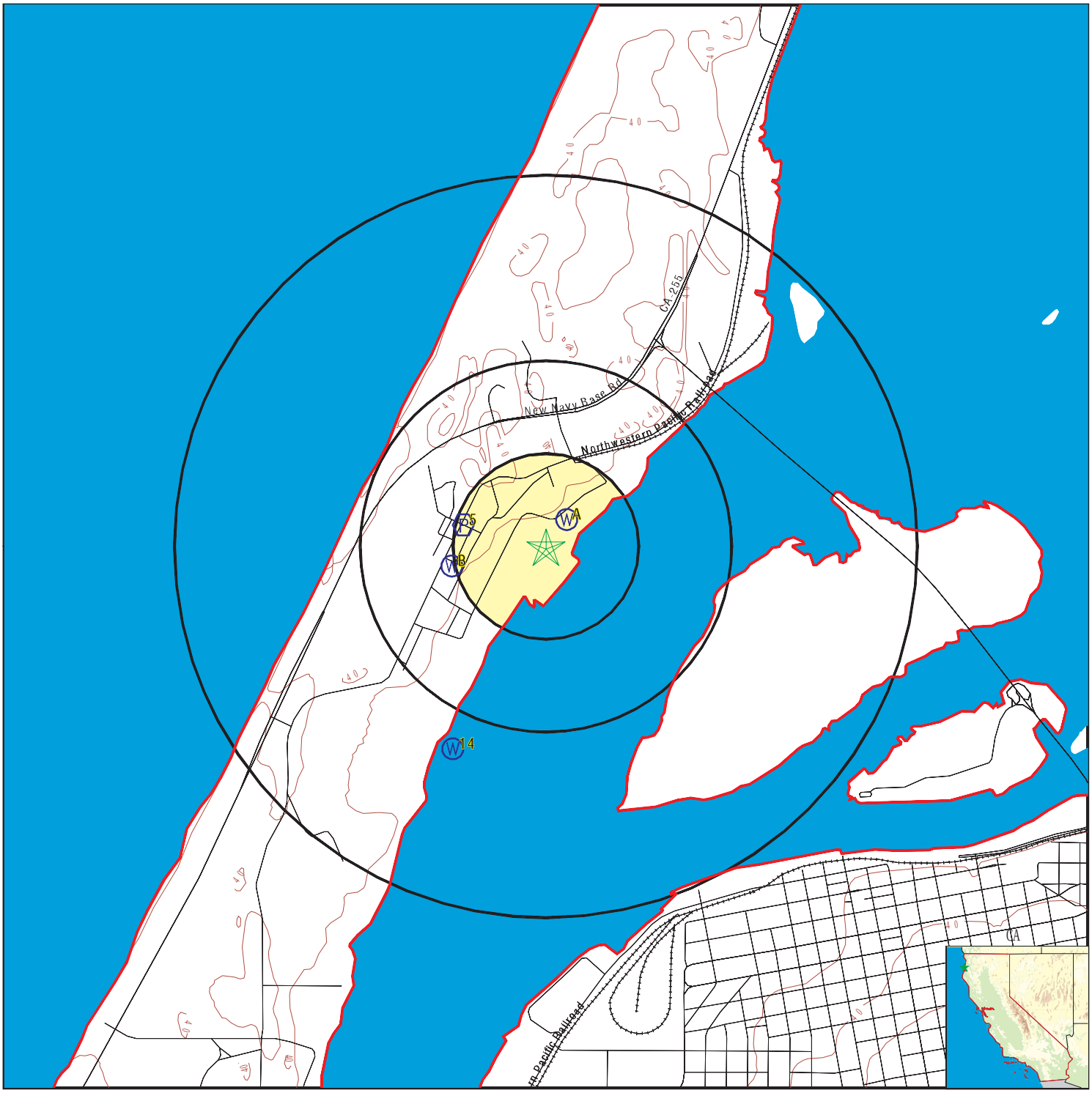
MAP ID	WELL ID	LOCATION FROM TP
5	CA1200788	1/8 - 1/4 Mile WNW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000138903	0 - 1/8 Mile NE
A2	CAEDF0000013511	0 - 1/8 Mile NE
A3	CAEDF0000046626	0 - 1/8 Mile NE
A4	CAEDF0000020958	0 - 1/8 Mile NNE
B6	CAEDF0000118261	1/8 - 1/4 Mile WSW
B7	CAEDF0000053953	1/4 - 1/2 Mile West
B8	CAEDF0000111178	1/4 - 1/2 Mile WSW
B9	CAEDF0000022810	1/4 - 1/2 Mile WSW
B10	CAEDF0000058427	1/4 - 1/2 Mile West
B11	CAEDF0000134987	1/4 - 1/2 Mile West
B12	CAEDF0000104479	1/4 - 1/2 Mile West
B13	CAEDF0000073192	1/4 - 1/2 Mile WSW
14	CADWR0000027600	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 6802645.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Samoa - Redwood Marine Terminal 1- North	CLIENT:	Tetra Tech EM Inc.
ADDRESS:	Vance Ave Samoa CA 95564	CONTACT:	Savannah Russell
LAT/LONG:	40.817903 / 124.182222	INQUIRY #:	6802645.2s
		DATE:	December 29, 2021 9:53 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
NE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000138903**

Well ID:	T0602300507-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=T0602300507&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300507&assigned_name=MW-4		

A2
NE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000013511**

Well ID:	T0602300507-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=T0602300507&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300507&assigned_name=MW-2		

A3
NE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000046626**

Well ID:	T0602300507-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=T0602300507&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300507&assigned_name=MW-3		

A4
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000020958**

Well ID:	T0602300507-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=T0602300507&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300507&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

5
WNW
1/8 - 1/4 Mile
Higher | **FRDS PWS** | **CA1200788**

Epa region:	09	State:	CA
Pwsid:	CA1200788		
Pwsname:	GREEN DIAMOND RESOURCE CO.-BIG LAGOON		
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06023
Status:	Closed	Retpopsrvd:	0
Pwssvcconn:	11	Psource longname:	Surface_water
Pwstype:	CWS	Owner:	Private
Contact:	Jeff Lane		
Contactorgname:	Green Diamond Resource Co.-Big Lagoon		
Contactphone:	7076684481	Contactaddress1:	P. O. Box 68
Contactaddress2:	Not Reported	Contactcity:	Korbel
Contactstate:	CA	Contactzip:	95550
Pwsactivitycode:	N		

Pwsid:	CA1200788	Facid:	CA1200788003
Facname:	WELL 001 - TREATED - INACTIVE	XCLD	
Factype:	Treatment_plant	Facactivitycode:	I
Trtobjective:	disinfection	Trtprocess:	hypochlorination, post
Factypecode:	TP		

PWS ID:	CA1200788	PWS name:	BIG LAGOON CAMP - LP CORP
Address:	Not Reported	Care of:	Not Reported
City:	SAMOA	State:	CA
Zip:	95564	Owner:	BIG LAGOON CAMP - LP CORP
Source code:	Ground water	Population:	60

PWS ID:	CA1200788	PWS type:	System Owner/Responsible Party
PWS name:	LOUISIANA PACIFIC CORP	PWS address:	Not Reported
PWS city:	SAMOA	PWS state:	CA
PWS zip:	95564	PWS ID:	CA1200788
Activity status:	Active	Date system activated:	8506
Date system deactivated:	Not Reported	Retail population:	00000045
System name:	BIG LAGOON CAMP - LP CORP	System address:	LOUISIANA PACIFIC CORP
System address:	10946 BIG LAGOON CAMP	System city:	TRINIDAD
System state:	CA	System zip:	95570

Population served:	Under 101 Persons	Treatment:	Untreated

Latitude:	404908	Longitude:	1241107

Violation id:	601005	Orig code:	S
State:	CA	Violation Year:	2006
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2006
Cmp edt:	08/31/2006		

Violation id:	95V0001	Orig code:	F
State:	CA	Violation Year:	1993
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	51	Violation name:	Initial Tap Sampling for Pb and Cu
Rule code:	350	Rule name:	LCR

Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	07/01/1993
Cmp edt:	12/31/2003		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9301001	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	090193	Violation end date:	093093
Violation period (months):	001	Violation awareness date:	111593
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9300001	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Max Contaminant Level, Monthly (TCR)		
Violation start date:	120192	Violation end date:	123192
Violation period (months):	001	Violation awareness date:	013093
Major violator:	Not Reported	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

Violation ID:	95V0001	Orig Code:	F
Enforcemnt FY:	2004	Enforcement Action:	12/31/2003
Enforcement Detail:	Fed Compliance achieved	Enforcement Category:	Resolving

---

B6
WSW **CA WELLS** **CAEDF0000118261**
1/8 - 1/4 Mile
Higher

Well ID:	T0602391048-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=T0602391048&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-1		

B7
West **CA WELLS** **CAEDF0000053953**
1/4 - 1/2 Mile
Higher

Well ID:	T0602391048-MW-07	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-07
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391048&assigned_name=MW-07&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-07		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B8
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000111178**

Well ID:	T0602391048-MW-06	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-06
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391048&assigned_name=MW-06&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-06		

B9
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000022810**

Well ID:	T0602391048-MW-05	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391048&assigned_name=MW-05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-05		

B10
West
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000058427**

Well ID:	T0602391048-MW-08	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-08
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391048&assigned_name=MW-08&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-08		

B11
West
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000134987**

Well ID:	T0602391048-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=T0602391048&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B12
West
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000104479**

Well ID:	T0602391048-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=T0602391048&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-3		

B13
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000073192**

Well ID:	T0602391048-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=T0602391048&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-4		

14
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000027600**

Well ID:	05N01W16L001H	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05N01W16L001H	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=05N01W16L001H&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95564	1	0

Federal EPA Radon Zone for HUMBOLDT County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for HUMBOLDT COUNTY, CA

Number of sites tested: 32

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.375 pCi/L	97%	3%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	-0.900 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is 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.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Samoa - Redwood Marine Terminal 1- South
Vance Ave
Samoa, CA 95564

Inquiry Number: 6802641.2s
December 29, 2021

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

VANCE AVE
SAMOA, CA 95564

COORDINATES

Latitude (North):	40.8096280 - 40ˆ 48' 34.66''
Longitude (West):	124.1906770 - 124ˆ 11' 26.43''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	399570.9
UTM Y (Meters):	4518095.0
Elevation:	17 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12014188 EUREKA, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140607
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
VANCE AVE
SAMOA, CA 95564

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	TOWN OF SAMOA	VANCE AVENUE	US BROWNFIELDS		TP
A2	CALIFORNIA REDWOOD A	1 JIM SMITH AVE	SEMS-ARCHIVE, RCRA-SQG, FINDS		TP
A3	CALIFORNIA REDWOOD C	1 JIM SMITH AVE	CUPA Listings, HAZNET, HWTS		TP
A4	LOUISIANA PACIFIC /	1 LP DRIVE	LUST, CHMIRS, Cortese		TP
A5	CALIFORNIA REDWOOD C	1 JIM SMITH AVE	CERS		TP
B6	RECOLOGY HUMBOLDT CO	555 VANCE AVE	RCRA NonGen / NLR	Higher	64, 0.012, NNW
B7	RECOLOGY SAMOA	555 VANCE AVENUE	SWF/LF, NPDES, PROC, CIWQS, CERS	Higher	64, 0.012, NNW
B8	SOMOA MATERIALS RECO	555 VANCE AVE	CUPA Listings	Higher	64, 0.012, NNW
B9	SOMOA MATERIALS RECO	555 VANCE	CERS HAZ WASTE, CERS	Higher	64, 0.012, NNW
C10	SAMOA PULP MILL	1 TCF DR	AST	Higher	80, 0.015, SW
C11	EVERGREEN PULP, INCO	1 TCF DRIVE	RCRA-LQG, US BROWNFIELDS, ICIS, FINDS, ECHO	Higher	80, 0.015, SW
12	LORENZOS SHELL SERVI	1 CUTTEN STREET	LUST, DEED, Cortese	Higher	151, 0.029, NNE
D13	TOWN OF SAMOA	2 RIDEOUT ST	RCRA NonGen / NLR	Higher	333, 0.063, NNE
D14	TOWN OF SAMOA	2 RIDEOUT ST	CERS HAZ WASTE, CERS	Higher	333, 0.063, NNE
D15	DANCO BUILDERS	2 RIDEOUT STREET	CUPA Listings, HAZNET, HWTS	Higher	333, 0.063, NNE
D16	FRESHWATER TISSUE CO	1 TCF DR	CHMIRS, CUPA Listings	Higher	398, 0.075, NNE
E17	SAMOA PENINSULA	VERY LARGE AREA (NO	CPS-SLIC, DEED	Higher	446, 0.084, NNE
E18	SIMPSON SAMOA INDUST	VANCE AVE AND RIDE O	RCRA-SQG	Higher	477, 0.090, NNE
19	EVERGREEN PULP INCOR	1 TCF DRIVE	CPS-SLIC, CHMIRS, CIWQS, CERS	Higher	568, 0.108, SW
20	LP SAMOA PULPMILL	SAMOA PENNINSULA	HIST CORTESE, WDS, CIWQS	Higher	972, 0.184, North
F21	TAYLOR MARICULTURE	264 VANCE AVE	CUPA Listings	Higher	1148, 0.217, NNE
F22	REDWOOD TERMINAL NO.	364 VANCE AVE	CERS HAZ WASTE, CUPA Listings, CERS	Higher	1186, 0.225, NNE
F23	REDWOOD MARINE TERMI	364 VANCE AVE	SWF/LF, AST, HAZNET, CERS, HWTS	Higher	1186, 0.225, NNE
G24	SAMOA ROUNDHOUSE SIT	930 VANCE AVENUE	US BROWNFIELDS, FINDS	Lower	1647, 0.312, NE
G25	HAG FISH CORPORATION	930 VANCE AVE	CPS-SLIC, CUPA Listings	Lower	1647, 0.312, NE
G26	SIMPSON TIMBER COMPA		CPS-SLIC	Higher	1664, 0.315, NE
H27	SAMOA ACCESS	COOKHOUSE WAY	US BROWNFIELDS, FINDS	Higher	1926, 0.365, NNE
H28	SAMOA LOGDECK	COOKHOUSE ROAD	US BROWNFIELDS, FINDS	Higher	1926, 0.365, NNE
29	LOUISIANA PACIFIC /	WASHINGTON ST., FOOT	LUST, Cortese	Lower	2198, 0.416, SSE
30	L & M RENNER INC	1200 RAILROAD	DEED, HAZNET, HWTS	Lower	2310, 0.438, SSE
31	SCHMIDBAUER LUMBER I	FT OF CLARK	ENVIROSTOR, VCP, CERS	Lower	2511, 0.476, SSE
I32	WASHINGTON CARDLOCK	910 WASHINGTON, WEST	LUST, Cortese, HIST CORTESE	Lower	2560, 0.485, SE
I33		WASHINGTON & KOSTER	Notify 65	Lower	2610, 0.494, SSE
34	VAN DE NOR LUMBER SA	FT OF CLARK	ENVIROSTOR	Lower	2952, 0.559, SSE
J35	PG AND E GAS PLANT E	S SIDE 14TH ST W AND	EDR MGP	Lower	3001, 0.568, SSE
J36	PG&E EUREKA 1	RAILROAD STREET AND	RESPONSE, ENVIROSTOR	Lower	3016, 0.571, SSE
37	EUREKA SOUTHERN	FOURTH AND BROADWAY	Notify 65	Lower	3360, 0.636, SE
38	NWP RAILROAD YARD	BROADWAY AND THIRD S	ENVIROSTOR	Lower	3521, 0.667, ESE
39	A. LEVY & J. ZENTNER	410 BROADWAY	HIST CORTESE, Notify 65	Lower	3585, 0.679, SE

MAPPED SITES SUMMARY

Target Property Address:
VANCE AVE
SAMOA, CA 95564

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	R. E. DAVENPORT	34 W. WATERFRONT	ENVIROSTOR	Lower	3779, 0.716, ESE
41	SOUTHERN PACIFIC TRA	736 BROADWAY	LUST, Cortese, HIST CORTESE, Notify 65	Lower	3832, 0.726, SE
42	PIERCE, E. W. COMPAN	940 BROADWAY	LUST, Notify 65	Lower	3839, 0.727, SE
43	SIMPSON PAPER COMPAN	FAIRHAVEN PULP MILL	Notify 65	Higher	4056, 0.768, SSW
44	SIMPSON PLYWOOD MILL	DEL NORTE STREET&RAI	Notify 65	Lower	4082, 0.773, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
TOWN OF SAMOA VANCE AVENUE SAMOA, CA 95564	US BROWNFIELDS ACRES property ID: 158041 Cleanup Completion Date: -	N/A
CALIFORNIA REDWOOD A 1 JIM SMITH AVE SAMOA, CA 95564	SEMS-ARCHIVE Site ID: 0902657 EPA Id: CAT000624858 RCRA-SQG EPA ID:: CAT000624858 FINDS Registry ID:: 110055869993	CAT000624858
CALIFORNIA REDWOOD C 1 JIM SMITH AVE SAMOA, CA 95564	CUPA Listings Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Permit Status: 01 - Active Local Site Id: FA0000487 HAZNET GEPAID: CAT000624858 HWTS	N/A
LOUISIANA PACIFIC / 1 LP DRIVE SAMOA, CA 95564	LUST Database: LUST, Date of Government Version: 09/07/2021 Status: Completed - Case Closed Global Id: T0602392511 CHMIRS OES Incident Number: 11020 OES Incident Number: 7-2554 OES Incident Number: 1-2398 OES Incident Number: 36 OES Incident Number: 9-3637 **Additional key fields are available in the Map Findings section* Cortese Cleanup Status: COMPLETED - CASE CLOSED	N/A
CALIFORNIA REDWOOD C 1 JIM SMITH AVE SAMOA, CA 95564	CERS	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state and tribal leaking storage tanks

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

Lists of state and tribal registered storage tanks

FEMA UST ---------- Underground Storage Tank Listing

UST ---- Active UST Facilities
INDIAN UST ---- Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS ---- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---- Historical Calsites Database
SCH ---- School Property Evaluation Program
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register
PFAS ---- PFAS Contamination Site Location Listing
AQUEOUS FOAM ---- Former Fire Training Facility Assessments Listing

Local Lists of Registered Storage Tanks

SWEEPS UST ---- SWEEPS UST Listing
HIST UST ---- Hazardous Substance Storage Container Database
CA FID UST ---- Facility Inventory Database
CERS TANKS ---- California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites

EXECUTIVE SUMMARY

DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	ICE
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing

EXECUTIVE SUMMARY

CIWQS ---------- California Integrated Water Quality System
NON-CASE INFO ---------- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---------- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---------- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---------- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---------- Well Stimulation Project (GEOTRACKER)
MINES MRDS ---------- Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto ---------- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner ---------- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

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

A review of the RCRA-LQG list, as provided by EDR, and dated 09/13/2021 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EVERGREEN PULP, INCO	***1 TCF DRIVE***	***SW 0 - 1/8 (0.015 mi.)***	***C11***	***104***

EPA ID:: CAR000013797

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2021 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SIMPSON SAMOA INDUST EPA ID:: CAR000093278	VANCE AVE AND RIDE O	NNE 0 - 1/8 (0.090 mi.)	E18	203

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PG&E EUREKA 1 Database: RESPONSE, Date of Government Version: 07/22/2021 Status: Refer: RWQCB Facility Id: 12490001	***RAILROAD STREET AND***	***SSE 1/2 - 1 (0.571 mi.)***	***J36***	***280***

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: 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.

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/22/2021 has revealed that there are 5 ENVIROSTOR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCHMIDBAUER LUMBER I	***FT OF CLARK***	***SSE 1/4 - 1/2 (0.476 mi.)***	***31***	***270***

Facility Id: 12240068 Status: Refer: RWQCB				
VAN DE NOR LUMBER SA Facility Id: 12240085 Status: Refer: RWQCB	FT OF CLARK	SSE 1/2 - 1 (0.559 mi.)	34	278
PG&E EUREKA 1 Facility Id: 12490001 Status: Refer: RWQCB	***RAILROAD STREET AND***	***SSE 1/2 - 1 (0.571 mi.)***	***J36***	***280***
NWP RAILROAD YARD Facility Id: 12400001 Status: Refer: RWQCB	BROADWAY AND THIRD S	ESE 1/2 - 1 (0.667 mi.)	38	283
R. E. DAVENPORT Facility Id: 12760001 Status: Refer: RWQCB	34 W. WATERFRONT	ESE 1/2 - 1 (0.716 mi.)	40	284

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RECOLOGY SAMOA Database: SWF/LF (SWIS), Date of Government Version: 08/09/2021 Facility ID: 12-AA-0127 Operational Status: Active Regulation Status: Permitted	***555 VANCE AVENUE***	***NNW 0 - 1/8 (0.012 mi.)***	***B7***	***90***
REDWOOD MARINE TERMI Database: SWF/LF (SWIS), Date of Government Version: 08/09/2021 Facility ID: 12-AA-0017 Operational Status: Closed Regulation Status: Permitted	***364 VANCE AVE***	***NNE 1/8 - 1/4 (0.225 mi.)***	***F23***	***232***

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LORENZOS SHELL SERVI Database: LUST, Date of Government Version: 09/07/2021	***1 CUTTEN STREET***	***NNE 0 - 1/8 (0.029 mi.)***	***12***	***178***

Status: Completed - Case Closed
Global Id: T0602391048

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOUISIANA PACIFIC /	***WASHINGTON ST., FOOT***	***SSE 1/4 - 1/2 (0.416 mi.)***	***29***	***266***
Database: LUST, Date of Government Version: 09/07/2021 Status: Completed - Case Closed Global Id: T0602300302				
WASHINGTON CARDLOCK	***910 WASHINGTON, WEST***	***SE 1/4 - 1/2 (0.485 mi.)***	***I32***	***274***
Database: LUST REG 1, Date of Government Version: 02/01/2001 Database: LUST, Date of Government Version: 09/07/2021 Status: Completed - Case Closed Facility Id: 1THU250 Global Id: T0602300185				

CPS-SLIC: 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.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 4 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAMOA PENINSULA	***VERY LARGE AREA (NO***	***NNE 0 - 1/8 (0.084 mi.)***	***E17***	***201***
Database: CPS-SLIC, Date of Government Version: 09/07/2021 Global Id: SL0602323372 Facility Status: Open - Inactive				
EVERGREEN PULP INCOR	***1 TCF DRIVE***	***SW 0 - 1/8 (0.108 mi.)***	***19***	***206***
Database: CPS-SLIC, Date of Government Version: 09/07/2021 Global Id: SL0602377769 Facility Status: Open - Assessment & Interim Remedial Action				
SIMPSON TIMBER COMPA		NE 1/4 - 1/2 (0.315 mi.)	G26	260
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Id: 1NHU764				

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAG FISH CORPORATION	***930 VANCE AVE***	***NE 1/4 - 1/2 (0.312 mi.)***	***G25***	***259***
Database: CPS-SLIC, Date of Government Version: 09/07/2021 Global Id: T0602393498 Facility Status: Open - Assessment & Interim Remedial Action				

Lists of state and tribal registered storage tanks

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 2 AST sites within

approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAMOA PULP MILL Database: AST, Date of Government Version: 07/06/2016	1 TCF DR	SW 0 - 1/8 (0.015 mi.)	C10	103
REDWOOD MARINE TERMI Database: AST, Date of Government Version: 07/06/2016	***364 VANCE AVE***	***NNE 1/8 - 1/4 (0.225 mi.)***	***F23***	***232***

Lists of state and tribal voluntary cleanup sites

VCP: 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.

A review of the VCP list, as provided by EDR, and dated 07/22/2021 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCHMIDBAUER LUMBER I Status: Refer: RWQCB Facility Id: 12240068	***FT OF CLARK***	***SSE 1/4 - 1/2 (0.476 mi.)***	***31***	***270***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/10/2021 has revealed that there are 4 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EVERGREEN PULP, INCO ACRES property ID: 162441 ACRES property ID: 162401 ACRES property ID: 162402 Cleanup Completion Date: -	***1 TCF DRIVE***	***SW 0 - 1/8 (0.015 mi.)***	***C11***	***104***
SAMOA ACCESS ACRES property ID: 171121 Cleanup Completion Date: -	***COOKHOUSE WAY***	***NNE 1/4 - 1/2 (0.365 mi.)***	***H27***	***260***
SAMOA LOGDECK ACRES property ID: 171184 Cleanup Completion Date: -	***COOKHOUSE ROAD***	***NNE 1/4 - 1/2 (0.365 mi.)***	***H28***	***263***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SAMOA ROUNDHOUSE SIT	***930 VANCE AVENUE***	***NE 1/4 - 1/2 (0.312 mi.)***	***G24***	***241***

EXECUTIVE SUMMARY

ACRES property ID: 171181
Cleanup Completion Date: -

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 07/15/2021 has revealed that there are 3 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOMOA MATERIALS RECO	***555 VANCE***	***NNW 0 - 1/8 (0.012 mi.)***	***B9***	***100***
TOWN OF SAMOA	***2 RIDEOUT ST***	***NNE 0 - 1/8 (0.063 mi.)***	***D14***	***187***
REDWOOD TERMINAL NO.	***364 VANCE AVE***	***NNE 1/8 - 1/4 (0.225 mi.)***	***F22***	***219***

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 08/30/2021 has revealed that there are 3 DEED sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LORENZOS SHELL SERVI	***1 CUTTEN STREET***	***NNE 0 - 1/8 (0.029 mi.)***	***12***	***178***
Status: COMPLETED - CASE CLOSED				
Envirostor ID: T0602391048				
SAMOA PENINSULA	***VERY LARGE AREA (NO***	***NNE 0 - 1/8 (0.084 mi.)***	***E17***	***201***
Status: OPEN - INACTIVE				
Envirostor ID: SL0602323372				

Lower Elevation	Address	Direction / Distance	Map ID	Page
L & M RENNER INC	***1200 RAILROAD***	***SSE 1/4 - 1/2 (0.438 mi.)***	***30***	***268***
Status: OPEN - VERIFICATION MONITORING				
Envirostor ID: T0602300350				

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that

there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RECOLOGY HUMBOLDT CO EPA ID:: CAL000429234	555 VANCE AVE	NNW 0 - 1/8 (0.012 mi.)	B6	88
TOWN OF SAMOA EPA ID:: CAL000404097	2 RIDEOUT ST	NNE 0 - 1/8 (0.063 mi.)	D13	184

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 09/20/2021 has revealed that there are 3 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LORENZOS SHELL SERVI Cleanup Status: COMPLETED - CASE CLOSED	***1 CUTTEN STREET***	***NNE 0 - 1/8 (0.029 mi.)***	***12***	***178***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOUISIANA PACIFIC / Cleanup Status: COMPLETED - CASE CLOSED	***WASHINGTON ST., FOOT***	***SSE 1/4 - 1/2 (0.416 mi.)***	***29***	***266***
WASHINGTON CARDLOCK Cleanup Status: COMPLETED - CASE CLOSED	***910 WASHINGTON, WEST***	***SE 1/4 - 1/2 (0.485 mi.)***	***I32***	***274***

CUPA Listings: 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.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 5 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOMOA MATERIALS RECO Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0005310	555 VANCE AVE	NNW 0 - 1/8 (0.012 mi.)	B8	99
DANCO BUILDERS Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active Local Site Id: FA0005508	***2 RIDEOUT STREET***	***NNE 0 - 1/8 (0.063 mi.)***	***D15***	***193***
FRESHWATER TISSUE CO Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 02 - Inactive Local Site Id: FA0001214	***1 TCF DR***	***NNE 0 - 1/8 (0.075 mi.)***	***D16***	***195***
TAYLOR MARICULTURE Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021 Permit Status: 01 - Active	264 VANCE AVE	NNE 1/8 - 1/4 (0.217 mi.)	F21	218

Local Site Id: FA0005711

REDWOOD TERMINAL NO.	***364 VANCE AVE***	***NNE 1/8 - 1/4 (0.225 mi.)***	***F22***	***219***

Database: CUPA HUMBOLDT, Date of Government Version: 08/12/2021
Permit Status: 01 - Active
Permit Status: 02 - Inactive
Local Site Id: FA0005626
Local Site Id: FA0006126

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LP SAMOA PULPMILL	***SAMOA PENNINSULA***	***N 1/8 - 1/4 (0.184 mi.)***	***20***	***215***
Reg Id: 1B770050HUM				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WASHINGTON CARDLOCK	***910 WASHINGTON, WEST***	***SE 1/4 - 1/2 (0.485 mi.)***	***I32***	***274***
Reg Id: 1THU250				

PROC: A listing of certified processors.

A review of the PROC list, as provided by EDR, and dated 06/04/2021 has revealed that there is 1 PROC site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RECOLOGY SAMOA	***555 VANCE AVENUE***	***NNW 0 - 1/8 (0.012 mi.)***	***B7***	***90***
Cert Id: PR19136.001				
Reg Id: 19136				

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 03/12/2021 has revealed that there are 7 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SIMPSON PAPER COMPAN	FAIRHAVEN PULP MILL	SSW 1/2 - 1 (0.768 mi.)	43	295

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	WASHINGTON & KOSTER	SSE 1/4 - 1/2 (0.494 mi.)	I33	278
EUREKA SOUTHERN	FOURTH AND BROADWAY	SE 1/2 - 1 (0.636 mi.)	37	282
A. LEVY & J. ZENTNER	***410 BROADWAY***	***SE 1/2 - 1 (0.679 mi.)***	***39***	***284***
SOUTHERN PACIFIC TRA	***736 BROADWAY***	***SE 1/2 - 1 (0.726 mi.)***	***41***	***285***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PIERCE, E. W. COMPAN	***940 BROADWAY***	***SE 1/2 - 1 (0.727 mi.)***	***42***	***293***
SIMPSON PLYWOOD MILL	DEL NORTE STREET&RAI	S 1/2 - 1 (0.773 mi.)	44	295

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

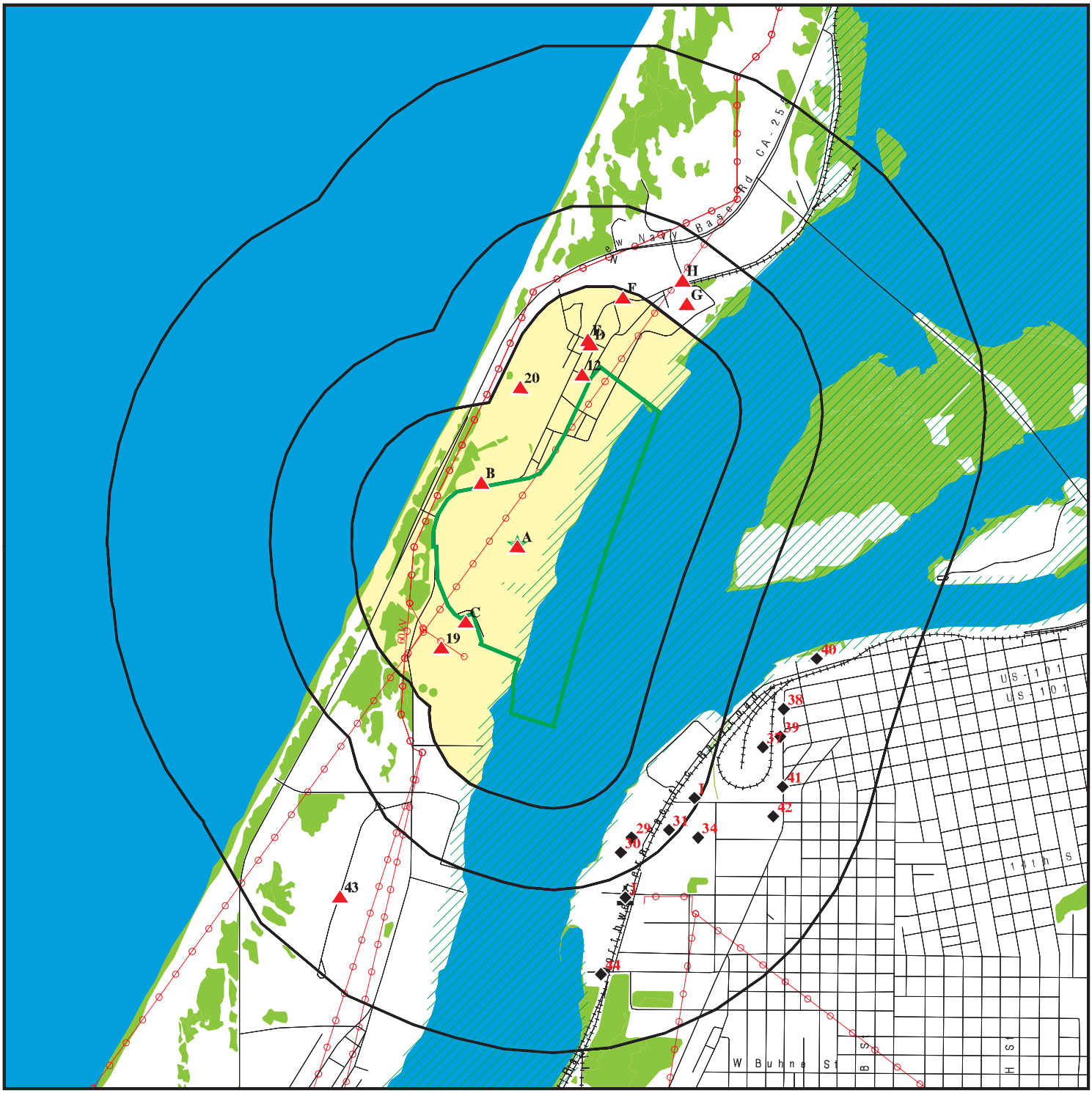
Lower Elevation	Address	Direction / Distance	Map ID	Page
PG AND E GAS PLANT E	S SIDE 14TH ST W AND	SSE 1/2 - 1 (0.568 mi.)	J35	280

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 11 records.

Site Name	Database(s)
REDWOOD MARINE TERMINAL II	HWTS
SAMOA PULP MILL	SEMS, PRP
VICTORIA GARDENS	SEMS-ARCHIVE
INDIAN ISLAND IDS (2136)	SWF/LF
HUMBOLDT COUNTY TRANSFER STATION/D	SWF/LF
REDWOOD MARINE TERMINAL II	RCRA NonGen / NLR
REDWOOD MARINE TERMINAL II	RCRA NonGen / NLR
SIMPSON PAPER COMPANY	CPS-SLIC
OLD PLYWOOD MILL - FAIRHAVEN	CPS-SLIC
PG&E EUREKA 3	EDR MGP
SIERRA PACIFIC INDUSTRIES	ENVIROSTOR

OVERVIEW MAP - 6802641.2S



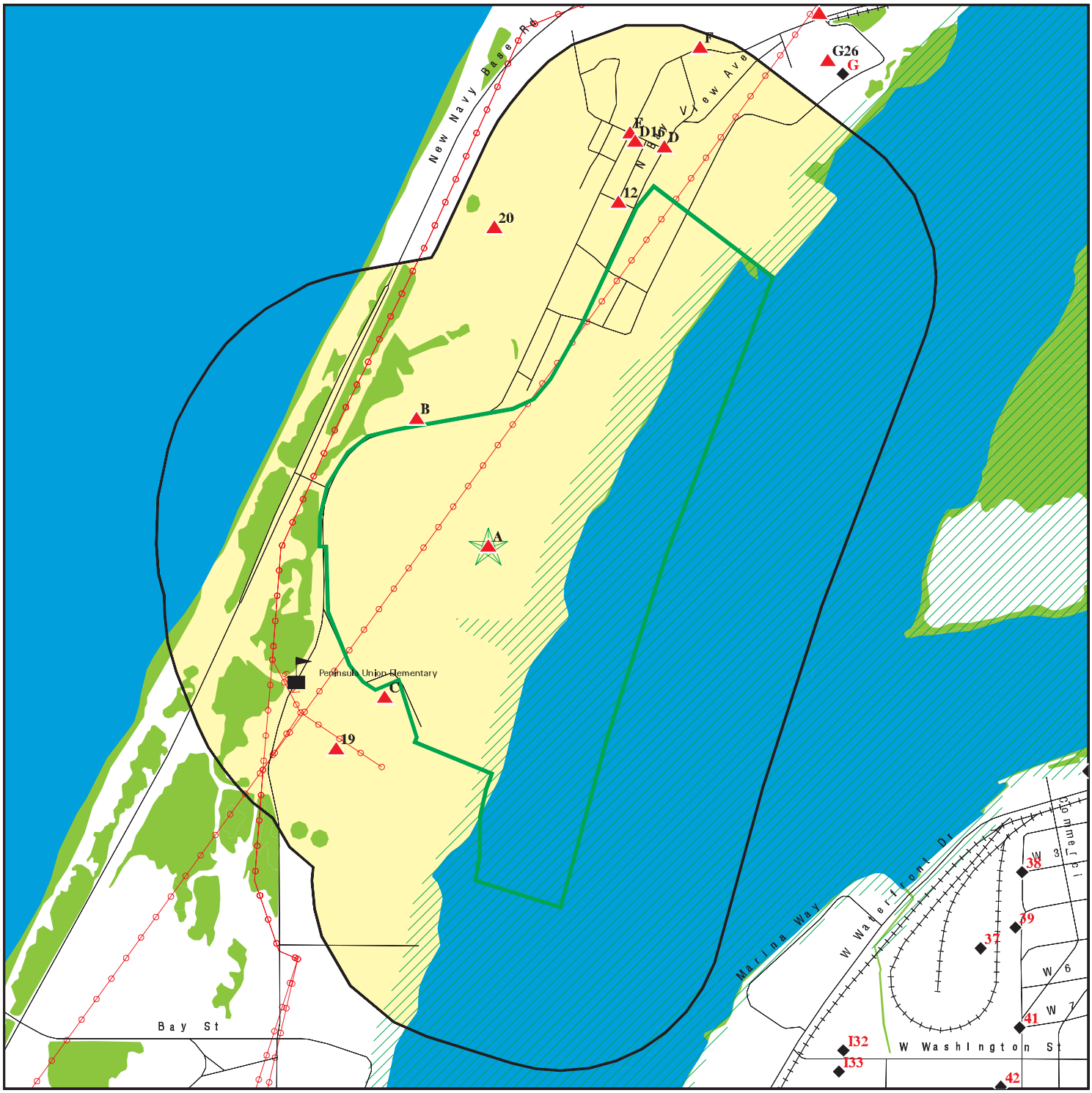
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Samoa - Redwood Marine Terminal 1- South ADDRESS: Vance Ave Samoa CA 95564 LAT/LONG: 40.809628 / 124.190677	CLIENT: Tetra Tech EM Inc. CONTACT: Savannah Russell INQUIRY #: 6802641.2s DATE: December 29, 2021 4:26 pm

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DETAIL MAP - 6802641.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Samoa - Redwood Marine Terminal 1- South	CLIENT:	Tetra Tech EM Inc.
ADDRESS:	Vance Ave Samoa CA 95564	CONTACT:	Savannah Russell
LAT/LONG:	40.809628 / 124.190677	INQUIRY #:	6802641.2s
		DATE:	December 29, 2021 4:27 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	1	0	0	0	NR	NR	1
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250	1	1	0	NR	NR	NR	2
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	1	NR	1
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	1	4	NR	5
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		1	1	0	NR	NR	2

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	1	1	0	2	NR	NR	4
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		2	0	2	NR	NR	4
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		1	1	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500	1	1	0	3	NR	NR	5
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
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		2	1	NR	NR	NR	3
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	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
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		2	0	1	NR	NR	3
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP	1	NR	NR	NR	NR	NR	1
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		2	0	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	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
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500	1	1	0	2	NR	NR	4
CUPA Listings	0.250	1	3	2	NR	NR	NR	6
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
HAZNET	TP	1	NR	NR	NR	NR	NR	1
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	1	NR	NR	2
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		1	0	0	NR	NR	1
Notify 65	1.000		0	0	1	6	NR	7
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP	1	NR	NR	NR	NR	NR	1
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	TP	1	NR	NR	NR	NR	NR	1
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	1	NR	1
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		11	19	6	14	12	0	62

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **TOWN OF SAMOA** **US BROWNFIELDS** **1018273372**
Target **VANCE AVENUE** **N/A**
Property **SAMOA, CA 95564**

Site 1 of 5 in cluster A

Actual: **17 ft.**

US BROWNFIELDS:

Name:	TOWN OF SAMOA
Address:	VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	401-031-046
Parcel size:	68.55
Latitude:	40.8128665
Longitude:	-124.1902477
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This is an historic lumber town. The green space will remain green space. The residential is being expanded. Commercial is mostly vacant; the eventual plan is to bring this back. Industrial will remain industrial. Since project inception 23 homes have had Lead-Based Paint removed.Two other commercial buildings are being worked on at this time as well.
Datum:	North American Datum of 1983
Acres Property ID:	158041
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	61245
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96915401
Start Date:	10/16/2006
Ownership Entity:	Private
Completion Date:	04/21/2007
Current Owner:	Samoa Pacific Group LLC
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-

TOWN OF SAMOA (Continued) **1018273372**

IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	13
Future use residential acreage:	24
Future use commercial acreage:	5
Future use industrial acreage:	26
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-

TOWN OF SAMOA (Continued) **1018273372**

Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	Y
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	-
Below Poverty Number:	39
Below Poverty Percent:	19.6
Meidan Income:	1841
Meidan Income Number:	82
Meidan Income Percent:	41.21
Vacant Housing Number:	6
Vacant Housing Percent:	6.28
Unemployed Number:	9
Unemployed Percent:	4.52

Name:	TOWN OF SAMOA
Address:	VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	401-031-046
Parcel size:	68.55
Latitude:	40.8128665
Longitude:	-124.1902477
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This is an historic lumber town. The green space will remain green space. The residential is being expanded. Commercial is mostly vacant; the eventual plan is to bring this back. Industrial will remain industrial. Since project inception 23 homes have had Lead-Based Paint removed.Two other commercial buildings are being worked on at this time as well.
Datum:	North American Datum of 1983
Acres Property ID:	158041
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-

TOWN OF SAMOA (Continued) **1018273372**

Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	96915401
Start Date:	-
Ownership Entity:	Private
Completion Date:	-
Current Owner:	Samoa Pacific Group LLC
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-

TOWN OF SAMOA (Continued) **1018273372**

Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	13
Future use residential acreage:	24
Future use commercial acreage:	5
Future use industrial acreage:	26
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	Y
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	-
Below Poverty Number:	39
Below Poverty Percent:	19.6
Meidan Income:	1841
Meidan Income Number:	82
Meidan Income Percent:	41.21
Vacant Housing Number:	6

TOWN OF SAMOA (Continued) **1018273372**

Vacant Housing Percent:	6.28
Unemployed Number:	9
Unemployed Percent:	4.52
Name:	TOWN OF SAMOA
Address:	VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	BCRLF
Property Number:	401-031-046
Parcel size:	68.55
Latitude:	40.8128665
Longitude:	-124.1902477
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This is an historic lumber town. The green space will remain green space. The residential is being expanded. Commercial is mostly vacant; the eventual plan is to bring this back. Industrial will remain industrial. Since project inception 23 homes have had Lead-Based Paint removed.Two other commercial buildings are being worked on at this time as well.
Datum:	North American Datum of 1983
Acres Property ID:	158041
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	96986701
Start Date:	-
Ownership Entity:	Private
Completion Date:	-
Current Owner:	Samoa Pacific Group LLC
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-

TOWN OF SAMOA (Continued) **1018273372**

IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	13
Future use residential acreage:	24
Future use commercial acreage:	5
Future use industrial acreage:	26
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-

TOWN OF SAMOA (Continued) **1018273372**

SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	Y
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	-
Below Poverty Number:	39
Below Poverty Percent:	19.6
Meidan Income:	1841
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Vacant Housing Number:	6
Vacant Housing Percent:	6.28
Unemployed Number:	9
Unemployed Percent:	4.52

Name:	TOWN OF SAMOA
Address:	VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	BCRLF
Property Number:	401-031-046
Parcel size:	68.55
Latitude:	40.8128665
Longitude:	-124.1902477
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This is an historic lumber town. The green space will remain green space. The residential is being expanded. Commercial is mostly vacant; the eventual plan is to bring this back. Industrial will remain industrial. Since project inception 23 homes have had Lead-Based Paint removed.Two other commercial buildings are being worked on at this time as well.
Datum:	North American Datum of 1983
Acres Property ID:	158041
IC Data Access:	-
Start Date:	05/15/2014
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	4

TOWN OF SAMOA (Continued) **1018273372**

Cleanup Funding:	190000
Cleanup Funding Source:	Samoa Pacific LLC
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	Private/Other Funding
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	96986701
Start Date:	-
Ownership Entity:	Private
Completion Date:	-
Current Owner:	Samoa Pacific Group LLC
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-

TOWN OF SAMOA (Continued) **1018273372**

Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	13
Future use residential acreage:	24
Future use commercial acreage:	5
Future use industrial acreage:	26
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	Y
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	-
Below Poverty Number:	39
Below Poverty Percent:	19.6
Meidan Income:	1841
Meidan Income Number:	82
Meidan Income Percent:	41.21
Vacant Housing Number:	6
Vacant Housing Percent:	6.28

TOWN OF SAMOA (Continued) **1018273372**

Unemployed Number:	9
Unemployed Percent:	4.52
Name:	TOWN OF SAMOA
Address:	VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	BCRLF
Property Number:	401-031-046
Parcel size:	68.55
Latitude:	40.8128665
Longitude:	-124.1902477
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This is an historic lumber town. The green space will remain green space. The residential is being expanded. Commercial is mostly vacant; the eventual plan is to bring this back. Industrial will remain industrial. Since project inception 23 homes have had Lead-Based Paint removed.Two other commercial buildings are being worked on at this time as well.
Datum:	North American Datum of 1983
Acres Property ID:	158041
IC Data Access:	-
Start Date:	05/15/2014
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	4
Cleanup Funding:	950000
Cleanup Funding Source:	EPA
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	Brownfields RLF Grant Funds Loaned
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	96986701
Start Date:	-
Ownership Entity:	Private
Completion Date:	-
Current Owner:	Samoa Pacific Group LLC
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-

TOWN OF SAMOA (Continued) **1018273372**

State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	13
Future use residential acreage:	24
Future use commercial acreage:	5
Future use industrial acreage:	26
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-

TOWN OF SAMOA (Continued) **1018273372**

Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	Y
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	-
Below Poverty Number:	39
Below Poverty Percent:	19.6
Meidan Income:	1841
Meidan Income Number:	82
Meidan Income Percent:	41.21
Vacant Housing Number:	6
Vacant Housing Percent:	6.28
Unemployed Number:	9
Unemployed Percent:	4.52

Name:	TOWN OF SAMOA
Address:	VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	BCRLF
Property Number:	401-031-046
Parcel size:	68.55
Latitude:	40.8128665
Longitude:	-124.1902477
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This is an historic lumber town. The green space will remain green space. The residential is being expanded. Commercial is mostly vacant; the eventual plan is to bring this back. Industrial will remain industrial. Since project inception 23 homes have had Lead-Based Paint removed.Two other commercial buildings are being worked on at this time as well.
Datum:	North American Datum of 1983
Acres Property ID:	158041
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-

TOWN OF SAMOA (Continued) **1018273372**

Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	96986701
Start Date:	-
Ownership Entity:	Private
Completion Date:	-
Current Owner:	Samoa Pacific Group LLC
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-

TOWN OF SAMOA (Continued) **1018273372**

Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	13
Future use residential acreage:	24
Future use commercial acreage:	5
Future use industrial acreage:	26
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	Y
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	-
Below Poverty Number:	39
Below Poverty Percent:	19.6
Meidan Income:	1841
Meidan Income Number:	82
Meidan Income Percent:	41.21
Vacant Housing Number:	6
Vacant Housing Percent:	6.28
Unemployed Number:	9

TOWN OF SAMOA (Continued) **1018273372**

Unemployed Percent: 4.52

A2 **CALIFORNIA REDWOOD ACQUISITION CO** **SEMS-ARCHIVE** **1015732933**
Target **1 JIM SMITH AVE** **RCRA-SQG** **CAT000624858**
Property **SAMOA, CA 95564** **FINDS**

Site 2 of 5 in cluster A

Actual:
17 ft.

SEMS Archive:

Site ID:	0902657
EPA ID:	CAT000624858
Name:	LOUISIANA PACIFIC CORP SAMOA
Address:	1 LP DRIVE
Address 2:	Not reported
City,State,Zip:	SAMOA, CA 95564
Cong District:	02
FIPS Code:	06023
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:	0902657
EPA ID:	CAT000624858
Site Name:	LOUISIANA PACIFIC CORP SAMOA
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1989-05-17 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0902657
EPA ID:	CAT000624858
Site Name:	LOUISIANA PACIFIC CORP SAMOA
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1982-08-01 04:00:00
Qual:	L
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902657
EPA ID:	CAT000624858
Site Name:	LOUISIANA PACIFIC CORP SAMOA
NPL:	N
FF:	N

CALIFORNIA REDWOOD ACQUISITION CO (Continued) **1015732933**

OU: 00
Action Code: PA
Action Name: PA
SEQ: 2
Start Date: Not reported
Finish Date: 1989-05-17 04:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902657
EPA ID: CAT000624858
Site Name: LOUISIANA PACIFIC CORP SAMOA
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-08-01 04:00:00
Finish Date: 1980-08-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

RCRA-SQG:
Date Form Received by Agency: 20061117
Handler Name: CALIFORNIA REDWOOD ACQUISITION CO
Handler Address: 1 JIM SMITH AVE
Handler City,State,Zip: SAMOA, CA 95564
EPA ID: CAT000624858
Contact Name: ROB F RICCI
Contact Address: PO BOX 1089
Contact City,State,Zip: ARCATA, CA 95518-1089
Contact Telephone: 707-268-3042 x3042
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: PO BOX 1089
Mailing City,State,Zip: ARCATA, CA 95518-1089
Owner Name: CALIFORNIA REDWOOD ACQ CO
Owner Type: Private
Operator Name: CALIFORNIA REDWOOD ACQ CO
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

CALIFORNIA REDWOOD ACQUISITION CO (Continued) **1015732933**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20070122
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

CALIFORNIA REDWOOD ACQUISITION CO (Continued) **1015732933**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIMSON TIMBER CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 1089
Owner/Operator City,State,Zip:	ARCATA, CA 95518-1089
Owner/Operator Telephone:	707-268-3042
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CALIFORNIA REDWOOD ACQ CO
Legal Status:	Private
Date Became Current:	20070101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CALIFORNIA REDWOOD ACQ CO
Legal Status:	Private
Date Became Current:	20070101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990125
Handler Name:	SIMPSON TIMBER CO SAMOA PLANING MILL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20061117
Handler Name:	CALIFORNIA REDWOOD ACQUISITION CO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

CALIFORNIA REDWOOD ACQUISITION CO (Continued) **1015732933**

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: 19910403
Handler Name: LOUISIANA-PACIFIC 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: 19920306
Handler Name: LOUISIANA-PACIFIC CORPORATION SAMOA SAWM
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: 321113
NAICS Description: SAWMILLS

NAICS Code: 321912
NAICS Description: CUT STOCK, RESAWING LUMBER, AND PLANING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110055869993

Click Here:

Environmental Interest/Information System:
STATE MASTER

CALIFORNIA REDWOOD ACQUISITION CO (Continued) **1015732933**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A3 CALIFORNIA REDWOOD COMPANY-SAMOA HILL **CUPA Listings** **S113179428**
Target 1 JIM SMITH AVE **HAZNET** **N/A**
Property SAMOA, CA 95564 **HWTS**

Site 3 of 5 in cluster A

Actual: 17 ft.

CUPA HUMBOLDT:

Name:	CALIFORNIA REDWOOD CO - LOG AND CHIPPING YARD (FORMER SAMOA SAWMILL)
Address:	1 JIM SMITH AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0000487
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10020070
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0004128
District:	N - North
SIC Code:	2411 - Logging
Last Touched:	03/03/2021
Update By:	DADAMS
Contact Name:	Rob Ricci
Day Phone:	7074437511
Latitude:	37.72028
Longitude:	-121.9079

Name:	CALIFORNIA REDWOOD CO - LOG AND CHIPPING YARD (FORMER SAMOA SAWMILL)
Address:	1 JIM SMITH AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0000487
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10020070
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0000771
District:	N - North
SIC Code:	2411 - Logging
Last Touched:	03/03/2021
Update By:	DADAMS
Contact Name:	Rob Ricci
Day Phone:	7074437511
Latitude:	37.72028
Longitude:	-121.9079

HAZNET:

Name:	CALIFORNIA REDWOOD COMPANY-SAMOA HILL
Address:	1 JIM SMITH AVE
Address 2:	Not reported
City,State,Zip:	SAMOA, CA 955640000
Contact:	ROB LEGG
Telephone:	7074991604

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Mailing Name: Not reported
Mailing Address: PO BOX 68

Year: 2016
Gepaid: CAT000624858
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2

Year: 2015
Gepaid: CAT000624858
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2

Year: 2012
Gepaid: CAT000624858
TSD EPA ID: CAD097030993
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.189

Year: 2012
Gepaid: CAT000624858
TSD EPA ID: CAT080013352
CA Waste Code: 123 - Unspecified alkaline solution
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.06255

Year: 2012
Gepaid: CAT000624858
TSD EPA ID: CAD097030993
CA Waste Code: 123 - Unspecified alkaline solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.14595

Year: 2010
Gepaid: CAT000624858
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2

Year: 2006
Gepaid: CAT000624858
TSD EPA ID: CAD097030993
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H01 - Transfer Station
Tons: 0.1

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Year:	2005
Gepaid:	CAT000624858
TSD EPA ID:	CAT080033681
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	0.825

Year:	2003
Gepaid:	CAT000624858
TSD EPA ID:	CAT080033681
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	0.4

Year:	2002
Gepaid:	CAT000624858
TSD EPA ID:	CAT080033681
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	R01 - Recycler
Tons:	5.421

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

Additional Info:

Year:	1994
Gen EPA ID:	CAT000624858
Shipment Date:	19941221
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941228
Manifest ID:	93186020
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980675276
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	4.5
Waste Quantity:	9000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941123
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941129
Manifest ID:	95085266

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940928
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19941003
Manifest ID:	95071165
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940926
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19940930
Manifest ID:	92226446
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.8428
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
Shipment Date:	19940803
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940809
Manifest ID:	93683790
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940608
Creation Date:	10/10/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93673359
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	- Not reported
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional Code 5:	Not reported
Shipment Date:	19940412
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940422
Manifest ID:	93429527
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940318
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940404
Manifest ID:	92226524
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZ0049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940318
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940404
Manifest ID:	92226524
Trans EPA ID:	CAT000624247

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZ0049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	232 - Pesticides and other waste associated with pesticide production
RCRA Code:	U011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940318
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940404
Manifest ID:	92226524
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZ0049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	341 - Organic liquids (nonsolvents) with halogens
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAT000624858

Shipment Date:	19971217
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980102
Manifest ID:	96708569
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

TSDF Alt EPA ID:	CAD980675276
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.8428
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
Shipment Date:	19971117
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971119
Manifest ID:	96655772
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0875
Waste Quantity:	21
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:	19971009
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971022
Manifest ID:	96523444
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD982465866
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4209
Waste Quantity:	382
Quantity Unit:	K
Additional Code 1:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971009
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971022
Manifest ID:	96523444
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD982465866
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	9.4551
Waste Quantity:	8580
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971009
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971022
Manifest ID:	96523444
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD982465866
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	5.51
Waste Quantity:	5000
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970924
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970925
Manifest ID:	96655767

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1501
Waste Quantity:	36
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970923
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971002
Manifest ID:	96523221
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.8428
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

Shipment Date:	19970923
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970925
Manifest ID:	96655773
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	24
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970923
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971002
Manifest ID:	96523224
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980675276
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.8428
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
Shipment Date:	19970908
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970909
Manifest ID:	96523223
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980675276
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional Code 5: Not reported

Additional Info:
Year: 2000
Gen EPA ID: CAT000624858

Shipment Date: 20001128
Creation Date: 1/24/2001 0:00:00
Receipt Date: 20001129
Manifest ID: 20477866
Trans EPA ID: CAD982523433
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: Not reported
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 23.5984
Waste Quantity: 28
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001128
Creation Date: 1/24/2001 0:00:00
Receipt Date: 20001129
Manifest ID: 20477867
Trans EPA ID: CAR000067058
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: Not reported
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 4.214
Waste Quantity: 5
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001115
Creation Date: 1/9/2001 0:00:00
Receipt Date: 20001116

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Manifest ID:	20477820
Trans EPA ID:	CAD982523433
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001115
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001116
Manifest ID:	20477821
Trans EPA ID:	CAR000067058
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000504
Creation Date:	7/12/2000 0:00:00
Receipt Date:	20000505
Manifest ID:	99808389
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.1
Waste Quantity:	24
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:	20000308
Creation Date:	5/23/2000 0:00:00
Receipt Date:	20000310
Manifest ID:	99349908
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.1709
Waste Quantity:	41
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:	20000218
Creation Date:	5/3/2000 0:00:00
Receipt Date:	20000223
Manifest ID:	99421319
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000218
Creation Date:	5/3/2000 0:00:00
Receipt Date:	20000224
Manifest ID:	99421313
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.6335
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000218
Creation Date:	5/3/2000 0:00:00
Receipt Date:	20000224
Manifest ID:	99421313
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D040
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000218
Creation Date:	5/3/2000 0:00:00
Receipt Date:	20000224
Manifest ID:	99421313
Trans EPA ID:	CAT000624247
Trans Name:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAT000624858
Shipment Date:	20120927
Creation Date:	12/6/2012 22:15:54
Receipt Date:	20121009
Manifest ID:	009563937JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120927
Creation Date:	12/6/2012 22:15:54
Receipt Date:	20121009
Manifest ID:	009563939JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.189
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120927
Creation Date:	12/20/2012 22:15:24
Receipt Date:	20121009
Manifest ID:	009563938JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.06255
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAT000624858
Shipment Date:	20051130
Creation Date:	3/22/2006 18:31:02
Receipt Date:	20051208
Manifest ID:	24786209
Trans EPA ID:	CAD980694103
Trans Name:	CHICO DRAIN OIL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050104
Creation Date:	6/3/2005 18:31:06
Receipt Date:	20050106
Manifest ID:	24188268
Trans EPA ID:	CAD980694103
Trans Name:	CHICO DRAIN OIL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.375
Waste Quantity:	750
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAT000624858
Shipment Date:	20060718
Creation Date:	9/17/2006 18:31:02
Receipt Date:	20060720
Manifest ID:	24998953
Trans EPA ID:	CAD980694103
Trans Name:	CHICO DRAIN OIL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional 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:	2010
Gen EPA ID:	CAT000624858
Shipment Date:	20100630
Creation Date:	9/10/2010 18:31:02
Receipt Date:	20100712
Manifest ID:	007124466JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAT000624858
Shipment Date:	19931123
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931130
Manifest ID:	93030806
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930929
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931005
Manifest ID:	93132112
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930914
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92226055
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	12.642
Waste Quantity:	15
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930805
Creation Date:	9/11/1995 0:00:00

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Receipt Date:	19930810
Manifest ID:	93223377
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0615
Waste Quantity:	123
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930708
Creation Date:	9/11/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92568882
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.4878
Waste Quantity:	117
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:	19930629
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930701
Manifest ID:	92226014
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980675276

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.8428
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
Shipment Date:	19930629
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930701
Manifest ID:	92226014
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980675276
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930610
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930615
Manifest ID:	92626825
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930511
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930512
Manifest ID:	91045409
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	IDD073
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930429
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930429
Manifest ID:	92576208
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.5379
Waste Quantity:	129
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:	CAT000624858
Shipment Date:	19951228

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Creation Date:	10/9/1996 0:00:00
Receipt Date:	19960102
Manifest ID:	95297042
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.8428
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

Shipment Date:	19950927
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951004
Manifest ID:	93186369
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.8428
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

Shipment Date:	19950831
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950906
Manifest ID:	95554751
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950627
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950703
Manifest ID:	93186360
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980675276
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.8428
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
Shipment Date:	19950627
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950703
Manifest ID:	93186367
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980675276
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	5.8996
Waste Quantity:	7
Quantity Unit:	Y
Additional Code 1:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950511
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950516
Manifest ID:	95524129
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950511
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950516
Manifest ID:	95524129
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950327
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950405
Manifest ID:	93186386

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980675276
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.8428
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

Shipment Date:	19950327
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950405
Manifest ID:	93186385
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980675276
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950316
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950322
Manifest ID:	95040041
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAT000624858
Shipment Date:	19981211
Creation Date:	2/26/1999 0:00:00
Receipt Date:	19981211
Manifest ID:	98221882
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	24
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:	19981119
Creation Date:	5/17/1999 0:00:00
Receipt Date:	19981208
Manifest ID:	92227723
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional 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:	19981119
Creation Date:	5/17/1999 0:00:00
Receipt Date:	19981208
Manifest ID:	92227723
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	92227723
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981119
Creation Date:	5/17/1999 0:00:00
Receipt Date:	19981208

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Manifest ID:	92227723
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	92227723
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	92227723
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	92227723
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	92227723
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981119
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 92227723
Trans EPA ID: CAT000624247
Trans Name: Not reported
Trans 2 EPA ID: CAD982524480
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: Not reported
TSDF Alt EPA ID: CAD028409019
TSDF Alt Name: Not reported
Waste Code Description: 291 - Latex waste
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1999
Gen EPA ID: CAT000624858

Shipment Date: 19991217
Creation Date: 2/15/2000 0:00:00
Receipt Date: 19991220
Manifest ID: 99421226
Trans EPA ID: CAT000624247
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZ0982465866
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 731 - Liquids with polychlorinated biphenyls > 50 mg/l
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 5.6422
Waste Quantity: 5120
Quantity Unit: K
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991217
Creation Date: 2/15/2000 0:00:00

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Receipt Date:	19991220
Manifest ID:	99421226
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZ0982465866
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	7.9145
Waste Quantity:	7182
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991217
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991220
Manifest ID:	99421227
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZ0982465866
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	1.7136
Waste Quantity:	1555
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990923
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19990924
Manifest ID:	99274001
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.1709
Waste Quantity:	41
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:	19990729
Creation Date:	10/12/1999 0:00:00
Receipt Date:	19990730
Manifest ID:	99274002
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1626
Waste Quantity:	39
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:	19990608
Creation Date:	7/30/1999 0:00:00
Receipt Date:	19990617
Manifest ID:	98720705
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD982465866
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990608
Creation Date:	8/19/1999 0:00:00
Receipt Date:	19990615
Manifest ID:	98720706
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990608
Creation Date:	8/19/1999 0:00:00
Receipt Date:	19990615
Manifest ID:	98720706
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.495
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990603
Creation Date:	8/16/1999 0:00:00
Receipt Date:	19990604
Manifest ID:	99222784
Trans EPA ID:	ILD984908202

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613943
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1542
Waste Quantity:	37
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:	19990409
Creation Date:	6/3/1999 0:00:00
Receipt Date:	19990409
Manifest ID:	99274000
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.1
Waste Quantity:	24
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:	2015
Gen EPA ID:	CAT000624858

Shipment Date:	20150910
Creation Date:	11/30/2015 22:15:27
Receipt Date:	20150928
Manifest ID:	014648635JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAT000624858
Shipment Date:	20020923
Creation Date:	2/6/2003 18:31:16
Receipt Date:	20020927
Manifest ID:	21988711
Trans EPA ID:	CAD980694103
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.421
Waste Quantity:	1300
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:	1996
Gen EPA ID:	CAT000624858
Shipment Date:	19961219
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961227
Manifest ID:	95297387
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.8428
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
Shipment Date:	19961211
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961213
Manifest ID:	96489204
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	24
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:	19961210
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961213
Manifest ID:	96489202
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.492
Waste Quantity:	118
Quantity Unit:	G

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional 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:	19961024
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961024
Manifest ID:	96474948
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	24
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:	19961023
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961023
Manifest ID:	96474949
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4795
Waste Quantity:	115
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:	19960925
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961001

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Manifest ID:	95297002
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.6856
Waste Quantity:	2
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960925
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961001
Manifest ID:	95297003
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.8428
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

Shipment Date:	19960830
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960830
Manifest ID:	96507342
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	24
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:	19960829
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960830
Manifest ID:	96498027
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613943
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960822
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960913
Manifest ID:	93186091
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZ0049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	341 - Organic liquids (nonsolvents) with halogens
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1375
Waste Quantity:	275
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2003
Gen EPA ID: CAT000624858

Shipment Date: 20030409
Creation Date: 8/29/2003 18:31:02
Receipt Date: 20030417
Manifest ID: 22252997
Trans EPA ID: CAD980694103
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2016
Gen EPA ID: CAT000624858

Shipment Date: 20150910
Creation Date: 11/30/2015 22:15:27
Receipt Date: 20150928
Manifest ID: 014648635JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAT000624858
Shipment Date:	20010313
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010314
Manifest ID:	20719671
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010313
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010314
Manifest ID:	20719673
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010313

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010314
Manifest ID:	20719672
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	CALIFORNIA REDWOOD COMPANY-SAMOA HILL
Address:	1 JIM SMITH AVE
Address 2:	Not reported
City,State,Zip:	SAMOA, CA 955640000
EPA ID:	CAT000624858
Inactive Date:	06/30/2019
Create Date:	07/23/1982
Last Act Date:	08/26/2019
Mailing Name:	Not reported
Mailing Address:	PO BOX 68
Mailing Address 2:	Not reported
Mailing City,State,Zip:	KORBEL, CA 955500000
Owner Name:	CALIFORNIA REDWOOD COMPANY
Owner Address:	PO BOX 68
Owner Address 2:	Not reported
Owner City,State,Zip:	KORBEL, CA 955500000
Contact Name:	ROB LEGG
Contact Address:	PO BOX 68
Contact Address 2:	Not reported
City,State,Zip:	KORBEL, CA 95550

NAICS:

EPA ID:	CAT000624858
Create Date:	2002-03-14 16:36:30.000
NAICS Code:	11331
NAICS Description:	Logging
Issued EPA ID Date:	1982-07-23 00:00:00
Inactive Date:	2019-06-30 00:00:00
Facility Name:	CALIFORNIA REDWOOD COMPANY-SAMOA HILL
Facility Address:	1 JIM SMITH AVE
Facility Address 2:	Not reported
Facility City:	SAMOA
Facility County:	Not reported

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Facility State:	CA
Facility Zip:	955640000
EPA ID:	CAT000624858
Create Date:	2014-12-16 05:37:50.997
NAICS Code:	321113
NAICS Description:	Sawmills
Issued EPA ID Date:	1982-07-23 00:00:00
Inactive Date:	2019-06-30 00:00:00
Facility Name:	CALIFORNIA REDWOOD COMPANY-SAMOA HILL
Facility Address:	1 JIM SMITH AVE
Facility Address 2:	Not reported
Facility City:	SAMOA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	955640000
EPA ID:	CAT000624858
Create Date:	2014-12-16 05:37:50.997
NAICS Code:	321912
NAICS Description:	Cut Stock, Resawing Lumber, and Planing
Issued EPA ID Date:	1982-07-23 00:00:00
Inactive Date:	2019-06-30 00:00:00
Facility Name:	CALIFORNIA REDWOOD COMPANY-SAMOA HILL
Facility Address:	1 JIM SMITH AVE
Facility Address 2:	Not reported
Facility City:	SAMOA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	955640000
EPA ID:	CAT000624858
Create Date:	2014-12-16 05:37:50.997
NAICS Code:	321918
NAICS Description:	Other Millwork (including Flooring)
Issued EPA ID Date:	1982-07-23 00:00:00
Inactive Date:	2019-06-30 00:00:00
Facility Name:	CALIFORNIA REDWOOD COMPANY-SAMOA HILL
Facility Address:	1 JIM SMITH AVE
Facility Address 2:	Not reported
Facility City:	SAMOA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	955640000
EPA ID:	CAT000624858
Create Date:	2014-12-16 05:37:50.997
NAICS Code:	321999
NAICS Description:	All Other Miscellaneous Wood Product Manufacturing
Issued EPA ID Date:	1982-07-23 00:00:00
Inactive Date:	2019-06-30 00:00:00
Facility Name:	CALIFORNIA REDWOOD COMPANY-SAMOA HILL
Facility Address:	1 JIM SMITH AVE
Facility Address 2:	Not reported
Facility City:	SAMOA
Facility County:	Not reported
Facility State:	CA

CALIFORNIA REDWOOD COMPANY-SAMOA HILL (Continued) **S113179428**

Facility Zip:	955640000
EPA ID:	CAT000624858
Create Date:	2014-12-16 05:37:50.997
NAICS Code:	321999
NAICS Description:	All Other Miscellaneous Wood Product Manufacturing
Issued EPA ID Date:	1982-07-23 00:00:00
Inactive Date:	2019-06-30 00:00:00
Facility Name:	CALIFORNIA REDWOOD COMPANY-SAMOA HILL
Facility Address:	1 JIM SMITH AVE
Facility Address 2:	Not reported
Facility City:	SAMOA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	955640000

A4 **LOUISIANA PACIFIC / SAMOA PULP MILL CHIP** **LUST** **S103619431**
Target **1 LP DRIVE** **CHMIRS** **N/A**
Property **SAMOA, CA 95564** **Cortese**

Site 4 of 5 in cluster A

Actual:
17 ft.

LUST:

Name:	LOUISIANA PACIFIC / SAMOA PULP MILL CHIP
Address:	1 LP DRIVE
City,State,Zip:	SAMOA, CA 95564
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602392511
Global Id:	T0602392511
Latitude:	40.8073303287201
Longitude:	-124.19248637265
Status:	Completed - Case Closed
Status Date:	09/04/2003
Case Worker:	ZZZ
RB Case Number:	1THU745
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12745
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0602392511
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H STREET, SUITE 100
City:	EUREKA
Email:	bstone@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602392511
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)

LOUISIANA PACIFIC / SAMOA PULP MILL CHIP (Continued) **S103619431**

Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602392511
Action Type: Other
Date: 12/07/2000
Action: Leak Reported

Global Id: T0602392511
Action Type: ENFORCEMENT
Date: 09/04/2003
Action: Closure Summary - #12745.CCS

Global Id: T0602392511
Action Type: ENFORCEMENT
Date: 09/04/2003
Action: Closure/No Further Action Letter

Global Id: T0602392511
Action Type: ENFORCEMENT
Date: 05/05/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0602392511
Action Type: ENFORCEMENT
Date: 06/06/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0602392511
Action Type: ENFORCEMENT
Date: 06/23/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0602392511
Action Type: Other
Date: 12/07/2000
Action: Leak Discovery

LUST:
Global Id: T0602392511
Status: Open - Case Begin Date
Status Date: 12/07/2000

Global Id: T0602392511
Status: Open - Site Assessment
Status Date: 12/28/2000

Global Id: T0602392511
Status: Open - Site Assessment
Status Date: 10/24/2002

Global Id: T0602392511
Status: Open - Site Assessment

LOUISIANA PACIFIC / SAMOA PULP MILL CHIP (Continued) **S103619431**

Status Date: 05/27/2003

Global Id: T0602392511
Status: Open - Site Assessment
Status Date: 07/01/2003

Global Id: T0602392511
Status: Completed - Case Closed
Status Date: 09/04/2003

CHMIRS:

Name:	Not reported
Address:	1 LP DRIVE
City,State,Zip:	SAMOA, CA 95564
OES Incident Number:	11020
OES notification:	Not reported
OES Date:	11/21/1995
OES Time:	10:33:54 PM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	NO
Waterway:	pacific ocean
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1995
Agency:	louisiana pacific
Incident Date:	1905/11-21-95

LOUISIANA PACIFIC / SAMOA PULP MILL CHIP (Continued) **S103619431**

Admin Agency:		Not reported
Amount:		50 gallons
Contained:		YES
Site Type:		Not reported
E Date:		Not reported
Substance:		sodium hydroxide 50% solution
Unknown:		Not reported
Substance #2:		Not reported
Substance #3:		Not reported
Evacuations:		NO
Number of Injuries:		NO
Number of Fatalities:		NO
#1 Pipeline:		Not reported
#2 Pipeline:		Not reported
#3 Pipeline:		Not reported
#1 Vessel >= 300 Tons:		Not reported
#2 Vessel >= 300 Tons:		Not reported
#3 Vessel >= 300 Tons:		Not reported
Evacs:		Not reported
Injuries:		Not reported
Fatals:		Not reported
Comments:		Not reported
Description:		incorrect valve positioning caused spill.
Name:		Not reported
Address:	1 LP DRIVE	
City,State,Zip:		SAMOA, CA 95564
OES Incident Number:		7-2554
OES notification:		06/28/1997
OES Date:		Not reported
OES Time:		Not reported
Date Completed:		**Not reported**
Property Use:		Not reported
Agency Id Number:		Not reported
Agency Incident Number:		Not reported
Time Notified:		Not reported
Time Completed:		Not reported
Surrounding Area:		Not reported
Estimated Temperature:		Not reported
Property Management:		Not reported
More Than Two Substances Involved?:		Not reported
Resp Agncy Personel # Of Decontaminated:		Not reported
Responding Agency Personel # Of Injuries:		Not reported
Responding Agency Personel # Of Fatalities:		Not reported
Others Number Of Decontaminated:		Not reported
Others Number Of Injuries:		Not reported
Others Number Of Fatalities:		Not reported
Vehicle Make/year:		Not reported
Vehicle License Number:		Not reported
Vehicle State:		Not reported
Vehicle Id Number:		Not reported
CA DOT PUC/ICC Number:		Not reported
Company Name:		Not reported
Reporting Officer Name/ID:		Not reported
Report Date:		Not reported
Facility Telephone:		Not reported
Waterway Involved:		Yes

LOUISIANA PACIFIC / SAMOA PULP MILL CHIP (Continued) **S103619431**

Waterway:	Pacific Ocean
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1997
Agency:	Louisiana Pacific Pulp Mill
Incident Date:	6/27/199712:00:00 AM
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	Weak Black Liqour
Gallons:	200
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Bolts vibrated of a stock line causing leak which went into the companies outfall then entered the Pacific Ocean.
Name:	Not reported
Address:	1 LP DRIVE
City,State,Zip:	SAMOA, CA
OES Incident Number:	1-2398
OES notification:	04/25/2001
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported

LOUISIANA PACIFIC / SAMOA PULP MILL CHIP (Continued) **S103619431**

Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	Samoa Pacific
Incident Date:	4/24/200112:00:00 AM
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Recycled Motor Oil
Gallons:	30
Unknown:	0.000000
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Connection of a an off-loading line was separated as a truck was off-loading. The oil has spilled into a containment area.
Name:	Not reported
Address:	1 LP DRIVE
City,State,Zip:	SAMOA, CA

LOUISIANA PACIFIC / SAMOA PULP MILL CHIP (Continued) **S103619431**

OES Incident Number:	36
OES notification:	Not reported
OES Date:	1/4/1994
OES Time:	11:23:47 AM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	NO
Waterway:	pacific ocean
Spill Site:	Not reported
Cleanup By:	acid added to outfall to neutralize
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1994
Agency:	louisiana pacific
Incident Date:	1530 3 jan 94
Admin Agency:	Not reported
Amount:	40,000 gal
Contained:	YES
Site Type:	IND PLT
E Date:	Not reported
Substance:	crude
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported

LOUISIANA PACIFIC / SAMOA PULP MILL CHIP (Continued) **S103619431**

#1 Vessel >= 300 Tons:		Not reported
#2 Vessel >= 300 Tons:		Not reported
#3 Vessel >= 300 Tons:		Not reported
Evacs:		Not reported
Injuries:		Not reported
Fatals:		Not reported
Comments:		Not reported
Description:		leaking valves, material into mill water system and then into pacific ocean about 3000 feet off shore
Name:		Not reported
Address:	1 LP DR	
City,State,Zip:		SAMOA, CA 95564
OES Incident Number:		9-3637
OES notification:		08/30/1999
OES Date:		Not reported
OES Time:		Not reported
Date Completed:		**Not reported**
Property Use:		Not reported
Agency Id Number:		Not reported
Agency Incident Number:		Not reported
Time Notified:		Not reported
Time Completed:		Not reported
Surrounding Area:		Not reported
Estimated Temperature:		Not reported
Property Management:		Not reported
More Than Two Substances Involved?:		Not reported
Resp Agncy Personel # Of Decontaminated:		Not reported
Responding Agency Personel # Of Injuries:		Not reported
Responding Agency Personel # Of Fatalities:		Not reported
Others Number Of Decontaminated:		Not reported
Others Number Of Injuries:		Not reported
Others Number Of Fatalities:		Not reported
Vehicle Make/year:		Not reported
Vehicle License Number:		Not reported
Vehicle State:		Not reported
Vehicle Id Number:		Not reported
CA DOT PUC/ICC Number:		Not reported
Company Name:		Not reported
Reporting Officer Name/ID:		Not reported
Report Date:		Not reported
Facility Telephone:		Not reported
Waterway Involved:		Yes
Waterway:		Pacific Ocean
Spill Site:		Not reported
Cleanup By:		Reporting Party
Containment:		Not reported
What Happened:		Not reported
Type:		Not reported
Measure:		Not reported
Other:		Not reported
Date/Time:		Not reported
Year:		1999
Agency:		Louisiana Pacific RR
Incident Date:		8/30/199912:00:00 AM
Admin Agency:		Humboldt County Environmental Health

LOUISIANA PACIFIC / SAMOA PULP MILL CHIP (Continued) **S103619431**

Amount:	Not reported
Contained:	No
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Sulfuric Acid
Gallons:	200
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	At Louisiana Pacific's pulp mill, operators were filling a 500 gal tank when the auto shut off failed, filled the tank, filled the containment area and flowed into self contained sewer system. Flow was stopped within 1/2 hour. Material did enter seweer system, but system is not connected to any other system. It discharges 8200 ft off shore at a depth of 90 ft. Reporting Party states material was diluted significantly in 12,000 gals/min sewage flow prior to being released into environment.
Name:	Not reported
Address:	1 LP DRIVE
City,State,Zip:	SAMOA, CA
OES Incident Number:	0978
OES notification:	Not reported
OES Date:	11/19/1993
OES Time:	12:59:11 PM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported

LOUISIANA PACIFIC / SAMOA PULP MILL CHIP (Continued) **S103619431**

Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	rp
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1993
Agency:	i.d.s.
Incident Date:	11/18/93 2130
Admin Agency:	Not reported
Amount:	5gal
Contained:	NO
Site Type:	IND PLT
E Date:	Not reported
Substance:	hydrulic fluid
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	backhole had a hydrulic line leak that spilled onto the ground.

Name:	Not reported
Address:	1 LP DRIVE
City,State,Zip:	SAMOA, CA 95564
OES Incident Number:	11781
OES notification:	Not reported
OES Date:	1/16/1996
OES Time:	07:57:18 AM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported

LOUISIANA PACIFIC / SAMOA PULP MILL CHIP (Continued) **S103619431**

Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	PACIFIC OCEAN
Spill Site:	Not reported
Cleanup By:	LP PERSONNEL
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1996
Agency:	LOUISAINA PACIFIC
Incident Date:	0500 16JAN96
Admin Agency:	Not reported
Amount:	5 GALS
Contained:	YES
Site Type:	IND PLT
E Date:	Not reported
Substance:	CRANKCASE OIL
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported

LOUISIANA PACIFIC / SAMOA PULP MILL CHIP (Continued) **S103619431**

Description: HOSE RUPTURED

CORTESE:

Name:	LOUISIANA PACIFIC / SAMOA PULP MILL CHIP
Address:	1 LP DRIVE
City,State,Zip:	SAMOA, CA 95564
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602392511
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

A5 **CALIFORNIA REDWOOD CO - LOG AND CHIPPING YARD (FOR** **CERS** **S123097313**
Target **1 JIM SMITH AVE** **N/A**
Property **SAMOA, CA 95564**

Site 5 of 5 in cluster A

Actual: 17 ft.

CERS:

Name:	CALIFORNIA REDWOOD CO - LOG AND CHIPPING YARD (FORMER SAMOA SAWMILL)
Address:	1 JIM SMITH AVE
City,State,Zip:	SAMOA, CA 95564
Site ID:	102039
CERS ID:	10020070
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	102039
Site Name:	California Redwood Co - Log and Chipping Yard (Former Samoa Sawmill)
Violation Date:	08-14-2014
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 08/15/2014. Update Contacts on your Owner/Operator ID page and submit in CERS within 30 days
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection

CALIFORNIA REDWOOD CO - LOG AND CHIPPING YARD (FORMER SAMOA (Continued) **S123097313**

Eval Date:	06-10-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-14-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-29-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-02-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	102039
Site Name:	California Redwood Co - Log and Chipping Yard (Former Samoa Sawmill)
Site Address:	1 JIM SMITH AVE
Site City:	SAMOA
Site Zip:	95564
Enf Action Date:	08-14-2014
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:	Humboldt County Division of Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	California Redwood Co
Entity Title:	Not reported
Affiliation Address:	PO Box 68
Affiliation City:	Korbel
Affiliation State:	CA

CALIFORNIA REDWOOD CO - LOG AND CHIPPING YARD (FORMER SAMOA (Continued) **S123097313**

Affiliation Country:	United States
Affiliation Zip:	95550
Affiliation Phone:	(707) 668-4578
Affiliation Type Desc:	Operator
Entity Name:	California Redwood Company
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:	(707) 599-8119
Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215
Affiliation Type Desc:	Document Preparer
Entity Name:	Diana Ward; SHN
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:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Theresa Taylor
Entity Title:	Not reported
Affiliation Address:	PO Box 68
Affiliation City:	Korbel
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95550
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO Box 68
Affiliation City:	Korbel
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95550
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	California Redwood Company
Entity Title:	Not reported

CALIFORNIA REDWOOD CO - LOG AND CHIPPING YARD (FORMER SAMOA (Continued) **S123097313**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Theresa Taylor
Entity Title:	Safety & Environmental Compliance Administrator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

B6 **RECOLOGY HUMBOLDT COUNTY** **RCRA NonGen / NLR** **1024860778**
NNW **555 VANCE AVE** **CAL000429234**
< 1/8 **SAMOA, CA 95564**
0.012 mi.
64 ft. **Site 1 of 4 in cluster B**

Relative: **Higher**

Actual: **24 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20170718
Handler Name:	RECOLOGY HUMBOLDT COUNTY
Handler Address:	555 VANCE AVE
Handler City,State,Zip:	SAMOA, CA 95564
EPA ID:	CAL000429234
Contact Name:	LINDA WISE
Contact Address:	949 W HAWTHORNE ST
Contact City,State,Zip:	EUREKA, CA 95501
Contact Telephone:	707-442-5711
Contact Fax:	Not reported
Contact Email:	LWISE@RECOLOGY.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:	555 VANCE AVE
Mailing City,State,Zip:	SAMOA, CA 95564
Owner Name:	RECOLOGY INC
Owner Type:	Other
Operator Name:	LINDA WISE
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

RECOLOGY HUMBOLDT COUNTY (Continued) **1024860778**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
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:	RECOLOGY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

RECOLOGY HUMBOLDT COUNTY (Continued) **1024860778**

Owner/Operator Address:	50 CALIFORNIA ST 24TH FLOOR
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 95411
Owner/Operator Telephone:	415-875-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDA WISE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	949 W HAWTHORNE ST
Owner/Operator City,State,Zip:	EUREKA, CA 95501
Owner/Operator Telephone:	707-442-5711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20170718
Handler Name:	RECOLOGY HUMBOLDT COUNTY
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

B7 **RECOLOGY SAMOA** **SWF/LF S120043417**
NNW **555 VANCE AVENUE** **NPDES N/A**
< 1/8 **SAMOA, CA 95501** **PROC**
0.012 mi. **CIWQS**
64 ft. **Site 2 of 4 in cluster B** **CERS**

Relative: Higher
Actual: 24 ft.

SWF/LF (SWIS):

Name:	RECOLOGY HUMBOLDT COUNTY
Address:	555 VANCE AVE.
City,State,Zip:	SAMOA, CA 95564
Region:	STATE
Facility ID:	12-AA-0127

RECOLOGY SAMOA (Continued) **S120043417**

SWIS Number:	12-AA-0127
Point of Contact:	Eric Kiruja
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	North Coast Unified
SWRCB Region:	North Coast
Local Government:	Humboldt County (Unincorporated)
Reporting Agency Legal Name:	County of Humboldt
Reporting Agency Department:	Department of Health and Human Services, Environmental Health Division
Enforcing Agency Legal Name:	County of Humboldt
Enforcing Agency Department:	Department of Health and Human Services, Environmental Health Division
Regulation Status:	Permitted

Activity:

SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County
Activity:	Medium Volume Transfer/Processing Facility
Activity Is Archived:	No
Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Monthly
Throughput:	100
Throughput Units:	Tons per day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	25000
Capacity Units:	Tons per year
Total Acreage:	2.5
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Eric Kiruja
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	Humboldt
ARB District:	North Coast Unified
SWRCB Region:	North Coast

RECOLOGY SAMOA (Continued) **S120043417**

Local Government:	Humboldt County (Unincorporated)
Street Address:	555 Vance Ave.
City:	Samoa
State:	CA
ZIP Code:	95564
Reporting Agency Legal Name:	County of Humboldt
Reporting Agency Department:	Department of Health and Human Services, Environmental Health Division
Enforcing Agency Legal Name:	County of Humboldt
Enforcing Agency Department:	Department of Health and Human Services, Environmental Health Division

Operator:

SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	40.81263
Longitude:	-124.1935
Is Archived:	No
Operator:	Recology Humboldt County
Started On:	2/13/2018
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(707) 442-5711
Street Address:	PO Box 188
Operator City:	Samoa
Operator State:	CA
Operator Zip:	95564

Owner:

SWIS Number:	12-AA-0127
Owner:	Recology Humboldt County
Owner Address:	PO Box 188
Owner City:	Samoa
Owner State:	CA
Owner Zip:	95564
Site Name:	Recology Humboldt County
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	40.81263
Longitude:	-124.1935
Is Archived:	No
Started On:	2/13/2018
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(707) 442-5711

Waste:

SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County
Activity:	Medium Volume Transfer/Processing Facility
Waste Type:	Construction/demolition
Site Is Archived:	No

RECOLOGY SAMOA (Continued) **S120043417**

Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County
Activity:	Medium Volume Transfer/Processing Facility
Waste Type:	Green Materials
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County
Activity:	Medium Volume Transfer/Processing Facility
Waste Type:	Mixed municipal
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County
Activity:	Medium Volume Transfer/Processing Facility
Waste Type:	Tires, Passenger
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number:	12-AA-0127
Site Name:	Recology Humboldt County

RECOLOGY SAMOA (Continued) **S120043417**

Activity:	Medium Volume Transfer/Processing Facility
Waste Type:	Tires, Truck
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Eric Kiruja
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

NPDES:

Name:	RECOLOGY SAMOA
Address:	555 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95501
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:	1 12NEC003535
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:	08/31/2017
Operator Name:	Recology Humboldt County
Operator Address:	949 West Hawthorne Street
Operator City:	Eureka
Operator State:	California
Operator Zip:	95501

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	489335
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 12NEC003535
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported

RECOLOGY SAMOA (Continued) **S120043417**

Effective Date Of Regulatory Measure:	08/31/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Recology Humboldt County
Discharge Address:	949 West Hawthorne Street
Discharge City:	Eureka
Discharge State:	California
Discharge Zip:	95501
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
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported

RECOLOGY SAMOA (Continued) **S120043417**

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

Name:	RECOLOGY SAMOA
Address:	555 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95501
Facility Status:	Active
NPDES Number:	CAS000001
Region:	1
Agency Number:	0
Regulatory Measure ID:	489335
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	1 12NEC003535
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/31/2017
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	949 West Hawthorne Street
Discharge Name:	Recology Humboldt County
Discharge City:	Eureka
Discharge State:	California
Discharge Zip:	95501
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:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	489335
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 12NEC003535
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/31/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Recology Humboldt County
Discharge Address:	949 West Hawthorne Street
Discharge City:	Eureka
Discharge State:	California

RECOLOGY SAMOA (Continued) **S120043417**

Discharge Zip:	95501
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
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

RECOLOGY SAMOA (Continued) **S120043417**

PROC:

Name:	RECOLOGY HUMBOLDT COUNTY SAMOA RESOURCE RECOVERY CENTER
Address:	555 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Reg Id:	19136
Cert Id:	PR19136.001
Organization Id:	Not reported
Organization Name:	Recology Humboldt County Samoa Resource Recovery Center
Mailing Address:	PO Box 188
Mailing City:	Samoa
Mailing State:	CA
Mailing Zip Code:	95564
Website:	Not reported
Email:	Not reported
Phone Number:	(707) 442-5711
Rural:	N/A
Operation Begin Date:	06/01/2018
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Hours of Operation:	Mon - Fri 7:00 am - 5:00 pm; Sat - Sun 8:00 am - 5:00 pm

CIWQS:

Name:	RECOLOGY SAMOA
Address:	555 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95501
Agency:	Recology Humboldt County
Agency Address:	949 West Hawthorne Street, Eureka, CA 95501
Place/Project Type:	Industrial - Scrap and Waste Materials
SIC/NAICS:	5093
Region:	1
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	1 12NEC003535
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	08/31/2017
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:	40.812739
Longitude:	-124.193424

CERS:

Name:	RECOLOGY SAMOA
Address:	555 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95501
Site ID:	540510

RECOLOGY SAMOA (Continued) **S120043417**

CERS ID: 857632
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Recology Humboldt County
Entity Title: Operator
Affiliation Address: 949 West Hawthorne Street
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: Not reported

Name: RECOLOGY HUMBOLDT COUNTY
Address: 555 VANCE AVE.
City,State,Zip: SAMOA, CA
Site ID: 511262
CERS ID: 12-AA-0127
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Operator
Entity Name: Recology Humboldt County
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Samoa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95564
Affiliation Phone: 7074425711

Affiliation Type Desc: Legal Owner
Entity Name: Recology Humboldt County
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Samoa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95564
Affiliation Phone: 7074425711

B8 **SOMOA MATERIALS RECOVERY FACILITY** **CUPA Listings** **S123184604**
NNW **555 VANCE AVE** **N/A**
< 1/8 **SAMOA, CA 95564**
0.012 mi.
64 ft. **Site 3 of 4 in cluster B**

Relative:
Higher

Actual:
24 ft.

CUPA HUMBOLDT:
Name: SOMOA MATERIALS RECOVERY FACILITY
Address: 555 VANCE AVE
City,State,Zip: SAMOA, CA 95564
Local Site Id: FA0005310
Facility Address 2: Not reported
Program Identifier: CUPA - SQG
Program Element Code Desc: 4401 4401 - Hazardous Waste Generator (SQG)
Permit Status: 01 - Active

SOMOA MATERIALS RECOVERY FACILITY (Continued) **S123184604**

CERS ID:	10490131
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0008201
District:	N - North
SIC Code:	(none)
Last Touched:	05/26/2021
Update By:	DADAMS
Contact Name:	Kris Mobley
Day Phone:	7077255156
Latitude:	40.82066
Longitude:	-124.1839

Name:	SOMOA MATERIALS RECOVERY FACILITY
Address:	555 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005310
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10490131
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0010345
District:	N - North
SIC Code:	(none)
Last Touched:	05/26/2021
Update By:	DADAMS
Contact Name:	Brian Sollom
Day Phone:	7074425711
Latitude:	40.82066
Longitude:	-124.1839

B9 **SOMOA MATERIALS RECOVERY FACILITY** **CERS HAZ WASTE** **S123103460**
NNW **555 VANCE** **CERS** **N/A**
< 1/8 **SAMOA, CA 95564**
0.012 mi.
64 ft. **Site 4 of 4 in cluster B**

Relative:
Higher

Actual:
24 ft.

CERS HAZ WASTE:

Name:	SOMOA MATERIALS RECOVERY FACILITY
Address:	555 VANCE
City,State,Zip:	SAMOA, CA 95564
Site ID:	426861
CERS ID:	10490131
CERS Description:	Hazardous Waste Generator

CERS:

Name:	SOMOA MATERIALS RECOVERY FACILITY
Address:	555 VANCE
City,State,Zip:	SAMOA, CA 95564
Site ID:	426861
CERS ID:	10490131
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-13-2019
Violations Found:	No

SOMOA MATERIALS RECOVERY FACILITY (Continued) **S123103460**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-20-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO Box 188
Affiliation City: Samoa

SOMOA MATERIALS RECOVERY FACILITY (Continued) **S123103460**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95564
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215
Affiliation Type Desc:	Environmental Contact
Entity Name:	Jessie Avitia
Entity Title:	Not reported
Affiliation Address:	PO Box 188
Affiliation City:	Samoa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95564
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Jessie Avitia
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:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Recology Humboldt County
Entity Title:	Not reported
Affiliation Address:	PO Box 188
Affiliation City:	Samoa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95564
Affiliation Phone:	(707) 442-5711
Affiliation Type Desc:	Parent Corporation
Entity Name:	Recology Humboldt County
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:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Jessie Avitia

SOMOA MATERIALS RECOVERY FACILITY (Continued) **S123103460**

Entity Title:	Environmental Specialist
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Recology Humboldt County
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:	(707) 442-5711

C10 **SAMOA PULP MILL** **AST** **A100337576**
SW **1 TCF DR** **N/A**
< 1/8 **SAMOA, CA**
0.015 mi.
80 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
23 ft.

AST:

Name:	SAMOA PULP MILL
Address:	1 TCF DR
City/Zip:	SAMOA,
Certified Unified Program Agencies:	Humboldt
Owner:	Evergreen Pulp Inc
Total Gallons:	46,619
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

C11 **EVERGREEN PULP, INCORPORATED** **RCRA-LQG** **1001115444**
SW **1 TCF DRIVE** **US BROWNFIELDS** **CAR000013797**
< 1/8 **SAMOA, CA 95564** **ICIS**
0.015 mi. **FINDS**
80 ft. **Site 2 of 2 in cluster C** **ECHO**

Relative: **Higher**
Actual: **23 ft.**

RCRA-LQG:

Date Form Received by Agency:	20080226
Handler Name:	EVERGREEN PULP, INCORPORATED
Handler Address:	1 TCF DRIVE
Handler City,State,Zip:	SAMOA, CA 95564
EPA ID:	CAR000013797
Contact Name:	CAROL ROMERO
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	707-269-7553
Contact Fax:	Not reported
Contact Email:	CAROLROMERO@EVERGREENPULP.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2007
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P.O. BOX 218
Mailing City,State,Zip:	SAMOA, CA 95564
Owner Name:	EVERGREEN PULP, INCORPORATED
Owner Type:	Private
Operator Name:	EVERGREEN PULP, INCORPORATED
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 Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20081015
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: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
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: D005
Waste Description: BARIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D011
Waste Description: SILVER

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: EVERGREEN PULP, INCORPORATED
Legal Status: Private
Date Became Current: 20050816
Date Ended Current: Not reported
Owner/Operator Address: P.O. BOX 218
Owner/Operator City,State,Zip: SAMOA, CA 95564
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: EVERGREEN PULP, INCORPORATED
Legal Status: Private
Date Became Current: 20050122
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EVERGREEN PULP, INCORPORATED
Legal Status: Private
Date Became Current: 20050122
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EVERGREEN PULP INC
Legal Status: Private
Date Became Current: 20050122
Date Ended Current: Not reported
Owner/Operator Address: Not reported

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EVERGREEN PULP, INCORPORATED
Legal Status: Private
Date Became Current: 20050816
Date Ended Current: Not reported
Owner/Operator Address: P.O. BOX 218
Owner/Operator City,State,Zip: SAMOA, CA 95564
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: LOUISIANA-PACIFIC CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 158
Owner/Operator City,State,Zip: SAMOA, CA 95564
Owner/Operator Telephone: 707-443-7511
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EVERGREEN PULP INC
Legal Status: Private
Date Became Current: 20050816
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 218
Owner/Operator City,State,Zip: SAMOA, CA 95564
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960715
Handler Name: LOUISIANA PACIFIC PULP MILL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20051107

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Handler Name: EVERGREEN PULP INC
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: 20020301
Handler Name: SAMOA PULP MILL
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: 20060228
Handler Name: EVERGREEN PULP, INCORPORATED
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: 20080226
Handler Name: EVERGREEN PULP, INCORPORATED
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11331
NAICS Description: LOGGING

NAICS Code: 321113
NAICS Description: SAWMILLS

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

NAICS Code: 321211
NAICS Description: HARDWOOD VENEER AND PLYWOOD MANUFACTURING

NAICS Code: 32211
NAICS Description: PULP MILLS

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20060607
Actual Return to Compliance Date: 20060607
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 501
Date of Enforcement Action: 20060607
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: 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: 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

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20060607
Evaluation Responsible Agency: Local
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20060607
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: 20080620
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
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

US BROWNFIELDS:
Name: FORMER LP MILL 401-112-022

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Address:	1 TCF WAY
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	401-112-022
Parcel size:	17.8
Latitude:	40.808343271201
Longitude:	-124.19622520096
HCM Label:	Interpolation-Other
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	Former Use: The Parcel is associated with operation at the closed Louisiana Pacific Pulp Mill. The Parcel was Owned by Lousiana Pacific Corp, it was sold to Evergreen Pulp in 2009
Datum:	North American Datum of 1983
Acres Property ID:	162441
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	3117
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96931601
Start Date:	03/12/2013
Ownership Entity:	Private
Completion Date:	04/29/2013
Current Owner:	Evergreen Pulp Inc.
Did Owner Change:	-
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	17
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The Parcel is associated with operation at the closed Louisiana Pacific Pulp Mill. The Parcel was Owned by Lousiana Pacific Corp, it was sold to Evergreen Pulp in 2009
Below Poverty Number:	-
Below Poverty Percent:	-
Meidan Income:	-
Meidan Income Number:	-
Meidan Income Percent:	-
Vacant Housing Number:	-
Vacant Housing Percent:	-
Unemployed Number:	-
Unemployed Percent:	-

Name:	FORMER LP MILL - 401-112-017
Address:	1 TCF DRIVE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	401-112-017
Parcel size:	36.3
Latitude:	40.806639836028
Longitude:	-124.1929403571
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	This Parcel is associated with the former Louisiana Pacific Pulp Mill. This property housed the main office and personel office for the mill. Also on this site are facilities for the handling and transportation of wood chips, AST's UST's and railroad tracks (out of service). Former Use: The parcel is associated with operations at the adjacent pulp mill. Wood chips, personel matters and management of the mill were handled at the site. Louisiana Pacific sold the Mill to Evergreen Pulp Inc. and in 2009 Evergreen Pulp granted the property to Samoa Acquisition Corp.
Datum:	North American Datum of 1983
Acres Property ID:	162401
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	3117

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96931601
Start Date:	03/12/2013
Ownership Entity:	Private
Completion Date:	04/29/2013
Current Owner:	Samoa Aquisition Corp.
Did Owner Change:	-
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	36
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The parcel is associated with operations at the adjacent pulp mill. Wood chips, personel matters and management of the mill were handled at the site. Louisiana Pacific sold the Mill to Evergreen Pulp Inc. and in 2009 Evergreen Pulp granted the property to Samoa Acquisition Corp.
Below Poverty Number:	-
Below Poverty Percent:	-
Meidan Income:	-
Meidan Income Number:	-
Meidan Income Percent:	-
Vacant Housing Number:	-

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Vacant Housing Percent:	-
Unemployed Number:	-
Unemployed Percent:	-
Name:	FORMER LP MILL 401-031-068
Address:	1 TCF DRIVE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	401-031-068
Parcel size:	20.4
Latitude:	40.809808225985
Longitude:	-124.19481983907
HCM Label:	Thematic Mapper
Map Scale:	-
Point of Reference:	Other Point
Highlights:	This Parcel is associated with the former Louisiana Pacific Pulp Mill which is located to the south of the subject parcel. REC's or HREC's were identified in the Phase I. Former Use: This property is associated with the former Louisiana Pacific Pulp mill which is located to the south. This property features a abandoned railway and a building pad. Louisina Pacific sold the property to Evergreen Pulp in 2009.
Datum:	North American Datum of 1927
Acres Property ID:	162402
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	3117
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96931601
Start Date:	03/12/2013
Ownership Entity:	Government
Completion Date:	04/29/2013
Current Owner:	-
Did Owner Change:	Y
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	20
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	20
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	This property is associated with the former Louisiana Pacific Pulp mill which is located to the south. This property features a abandoned railway and a building pad. Louisina Pacific sold the property to Evergreen Pulp in 2009.
Below Poverty Number:	-
Below Poverty Percent:	-
Meidan Income:	-
Meidan Income Number:	-
Meidan Income Percent:	-
Vacant Housing Number:	-
Vacant Housing Percent:	-
Unemployed Number:	-
Unemployed Percent:	-

ICIS:

Enforcement Action ID:	CA-N00003495
FRS ID:	110021324592
Action Name:	LP SAMOA PULPMILL (Permit CA0005894) Cwa Penalty Ao
Facility Name:	SAMOA PULP MILL
Facility Address:	1 TCF DRIVE SAMOA, CA 95564
Enforcement Action Type:	State CWA Penalty AO
Facility County:	HUMBOLDT
Program System Acronym:	NPDES
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCWAAPO
Facility SIC Code:	2411
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.821667
Longitude in Decimal Degrees:	-124.179444
Permit Type Desc:	NPDES Individual Permit
Program System Acronym:	CA0005894
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Enforcement Action ID: CA-N00002428
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Cwa Penalty Ao
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAPO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00002092
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Administrative Order
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Non Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000812
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Administrative Order
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Non Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000811
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Administrative Order
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Non Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000810
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Administrative Order
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Non Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000809
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Administrative Order
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Non Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000808
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000807
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000806
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000805
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000804
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000803
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000802
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000801
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000800
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

	SAMOA, CA 95564
Enforcement Action Type:	Phone Call/ EMAIL
Facility County:	HUMBOLDT
Program System Acronym:	NPDES
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	PHEMAIL
Facility SIC Code:	2411
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.821667
Longitude in Decimal Degrees:	-124.179444
Permit Type Desc:	NPDES Individual Permit
Program System Acronym:	CA0005894
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	CA-N00000799
FRS ID:	110021324592
Action Name:	LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name:	SAMOA PULP MILL
Facility Address:	1 TCF DRIVE
	SAMOA, CA 95564
Enforcement Action Type:	Phone Call/ EMAIL
Facility County:	HUMBOLDT
Program System Acronym:	NPDES
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	PHEMAIL
Facility SIC Code:	2411
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.821667
Longitude in Decimal Degrees:	-124.179444
Permit Type Desc:	NPDES Individual Permit
Program System Acronym:	CA0005894
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	CA-N00000798
FRS ID:	110021324592
Action Name:	LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name:	SAMOA PULP MILL
Facility Address:	1 TCF DRIVE
	SAMOA, CA 95564
Enforcement Action Type:	Phone Call/ EMAIL
Facility County:	HUMBOLDT
Program System Acronym:	NPDES
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	PHEMAIL
Facility SIC Code:	2411
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.821667
Longitude in Decimal Degrees:	-124.179444
Permit Type Desc:	NPDES Individual Permit
Program System Acronym:	CA0005894
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	CA-N00000797
FRS ID:	110021324592

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Action Name:	LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name:	SAMOA PULP MILL
Facility Address:	1 TCF DRIVE SAMOA, CA 95564
Enforcement Action Type:	Phone Call/ EMAIL
Facility County:	HUMBOLDT
Program System Acronym:	NPDES
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	PHEMAIL
Facility SIC Code:	2411
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.821667
Longitude in Decimal Degrees:	-124.179444
Permit Type Desc:	NPDES Individual Permit
Program System Acronym:	CA0005894
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	CA-N00000796
FRS ID:	110021324592
Action Name:	LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name:	SAMOA PULP MILL
Facility Address:	1 TCF DRIVE SAMOA, CA 95564
Enforcement Action Type:	Phone Call/ EMAIL
Facility County:	HUMBOLDT
Program System Acronym:	NPDES
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	PHEMAIL
Facility SIC Code:	2411
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.821667
Longitude in Decimal Degrees:	-124.179444
Permit Type Desc:	NPDES Individual Permit
Program System Acronym:	CA0005894
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	CA-N00000795
FRS ID:	110021324592
Action Name:	LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name:	SAMOA PULP MILL
Facility Address:	1 TCF DRIVE SAMOA, CA 95564
Enforcement Action Type:	Phone Call/ EMAIL
Facility County:	HUMBOLDT
Program System Acronym:	NPDES
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	PHEMAIL
Facility SIC Code:	2411
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.821667
Longitude in Decimal Degrees:	-124.179444
Permit Type Desc:	NPDES Individual Permit
Program System Acronym:	CA0005894
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Enforcement Action ID: CA-N00000794
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000793
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000792
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000791
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000790
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Oral Notification of Violation
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Phone Call/ EMAIL
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000789
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Time Schedule Order
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Non Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000788
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Time Schedule Order
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Non Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000787
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Cwa Penalty Ao
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAPO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00000058
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Administrative Order
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Non Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAO

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-2010-1088
FRS ID: 110021324592
Action Name: Samoa Pulp Mill - CDO
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Non Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-2009-1114
FRS ID: 110021324592
Action Name: EVERGREEN PULP INC - ACL
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAPO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-2009-1075
FRS ID: 110021324592
Action Name: EVERGREEN PULP INC (LP SAMOA) - ACL
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Penalty AO
Facility County: HUMBOLDT

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAPO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: CA-2008-1004
FRS ID: 110021324592
Action Name: EVERGREEN PULP INC - ACL
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: State CWA Penalty AO
Facility County: HUMBOLDT
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAPO
Facility SIC Code: 2411
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821667
Longitude in Decimal Degrees: -124.179444
Permit Type Desc: NPDES Individual Permit
Program System Acronym: CA0005894
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2006-0037
FRS ID: 110021324592
Action Name: Evergreen Pulp Mill
Facility Name: LOUISIANA PACIFIC/EVERGREEN - SAMOA PULP MILL
Facility Address: 1 TCF DRIVE
SAMOA, CA 95564
Enforcement Action Type: Civil Judicial Action
Facility County: HUMBOLDT
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.821515
Longitude in Decimal Degrees: -124.180618
Permit Type Desc: Not reported
Program System Acronym: 263
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-1992-N014
FRS ID: 110021324592
Action Name: LP SAMOA PULPMILL (Permit CA0005894) Consent Decree
Facility Name: SAMOA PULP MILL
Facility Address: 1 TCF DRIVE

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

	SAMOA, CA 95564
Enforcement Action Type:	Civil Judicial Action
Facility County:	HUMBOLDT
Program System Acronym:	NPDES
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	2411
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.821667
Longitude in Decimal Degrees:	-124.179444
Permit Type Desc:	NPDES Individual Permit
Program System Acronym:	CA0005894
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-1992-0089
FRS ID:	110021324592
Action Name:	LOUISIANA-PACIFIC CORPORATION
Facility Name:	LOUISIANA PACIFIC/EVERGREEN - SAMOA PULP MILL
Facility Address:	1 TCF DRIVE
	SAMOA, CA 95564
Enforcement Action Type:	Civil Judicial Action
Facility County:	HUMBOLDT
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.821515
Longitude in Decimal Degrees:	-124.180618
Permit Type Desc:	Not reported
Program System Acronym:	263
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-1989-0009
FRS ID:	110021324592
Action Name:	LOUISIANA - PACIFIC CORPORATION
Facility Name:	LOUISIANA PACIFIC/EVERGREEN - SAMOA PULP MILL
Facility Address:	1 TCF DRIVE
	SAMOA, CA 95564
Enforcement Action Type:	Civil Judicial Action
Facility County:	HUMBOLDT
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.821515
Longitude in Decimal Degrees:	-124.180618
Permit Type Desc:	Not reported
Program System Acronym:	263
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-1989-0008
FRS ID:	110021324592

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Action Name:	SIMPSON PAPER COMPANY
Facility Name:	LOUISIANA PACIFIC/EVERGREEN - SAMOA PULP MILL
Facility Address:	1 TCF DRIVE SAMOA, CA 95564
Enforcement Action Type:	Civil Judicial Action
Facility County:	HUMBOLDT
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.821515
Longitude in Decimal Degrees:	-124.180618
Permit Type Desc:	Not reported
Program System Acronym:	263
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-1977-0012
FRS ID:	110021324592
Action Name:	LOUISIANA PACIFIC
Facility Name:	LOUISIANA PACIFIC/EVERGREEN - SAMOA PULP MILL
Facility Address:	1 TCF DRIVE SAMOA, CA 95564
Enforcement Action Type:	Civil Judicial Action
Facility County:	HUMBOLDT
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.821515
Longitude in Decimal Degrees:	-124.180618
Permit Type Desc:	Not reported
Program System Acronym:	263
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	FRESHWATER TISSUE PULP MILL
Address:	1 TCF DR
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2435

Facility Name:	FRESHWATER TISSUE PULP MILL
Address:	1 TCF DR
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2611

Facility Name:	FRESHWATER TISSUE PULP MILL
Address:	1 TCF DR
Tribal Indicator:	N
Fed Facility:	No

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

SIC Code: 8742

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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Facility Name: FRESHWATER TISSUE PULP MILL

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Address: 1 TCF DR
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Facility Name: FRESHWATER TISSUE PULP MILL
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Facility Name: FRESHWATER TISSUE PULP MILL
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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Tribal Indicator: N
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Facility Name: FRESHWATER TISSUE PULP MILL
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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Fed Facility: No
NAIC Code: Not reported
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Facility Name: FRESHWATER TISSUE PULP MILL
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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

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Fed Facility: No
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Fed Facility: No

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

SIC Code: 8742

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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Facility Name: FRESHWATER TISSUE PULP MILL

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Tribal Indicator: N
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EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

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Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

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Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
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Fed Facility: No
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Tribal Indicator: N
Fed Facility: No
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Fed Facility: No
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Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

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Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

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Fed Facility: No
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Fed Facility: No
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Facility Name: FRESHWATER TISSUE PULP MILL
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Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

SIC Code: 8742

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2435

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
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Fed Facility: No
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SIC Code: 2611

Facility Name: FRESHWATER TISSUE PULP MILL
Address: 1 TCF DR
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8742

FINDS:
Registry ID: 110021324592

Click Here:

Environmental Interest/Information System:
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for 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 AIR POLLUTANT MAJOR
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
STATE MASTER
HAZARDOUS WASTE BIENNIAL REPORTER
SUPERFUND (NON-NPL)
AIR MAJOR
US EPA RACT/BACT/LAER Clearinghouse (RBLC) database contains case-specific information on the "Best Available" air pollution technologies that have been required to reduce the emission of air pollutants from stationary sources (e.g., power plants, steel mills, chemical plants, etc.). RACT, or Reasonably Available Control Technology, is required on existing sources in areas that are not meeting national ambient air quality standards. BACT, or Best Available Control Technology, is required on major new or modified sources in clean areas. LAER, or Lowest Achievable Emission Rate, is required on major new or modified sources in non-attainment areas.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA’s programs. The vision for ICIS is to replace EPA’s independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and

EVERGREEN PULP, INCORPORATED (Continued) **1001115444**

it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001115444
Registry ID:	110021324592
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110021324592
Name:	FRESHWATER TISSUE PULP MILL
Address:	1 TCF DR
City,State,Zip:	SAMOA, CA 95564

12
NNE
< 1/8
0.029 mi.
151 ft.

LORENZOS SHELL SERVICE **LUST** **S106163357**
1 CUTTEN STREET **DEED** **N/A**
SAMOA, CA 95564 **Cortese**

Relative: Higher

Actual: 21 ft.

LUST:

Name:	LORENZOS SHELL SERVICE
Address:	1 CUTTEN STREET
City,State,Zip:	SAMOA, CA 95564
Lead Agency:	HUMBOLDT COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602391048
Global Id:	T0602391048
Latitude:	40.8172230260905
Longitude:	-124.187199937949
Status:	Completed - Case Closed
Status Date:	12/23/2014
Case Worker:	MAV
RB Case Number:	Not reported
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Local Agency
Local Case Number:	12800
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline, Diesel
Site History:	7/29/10 site referred to regional board for inclusion with their oversight of the Samoa brownfield project. Some information regarding this site can be found under the Samoa Peninsula site file, Regional Water Board Case No. 1NHU890.

LUST:

Global Id:	T0602391048
Contact Type:	Local Agency Caseworker
Contact Name:	Mark Verhey
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H Street, Suite 100
City:	Eureka
Email:	mverhey@co.humboldt.ca.us
Phone Number:	Not reported

LORENZOS SHELL SERVICE (Continued) **S106163357**

LUST:

Global Id:	T0602391048
Action Type:	ENFORCEMENT
Date:	12/28/2006
Action:	Verbal Communication
Global Id:	T0602391048
Action Type:	ENFORCEMENT
Date:	07/27/2009
Action:	Staff Letter
Global Id:	T0602391048
Action Type:	ENFORCEMENT
Date:	11/10/2011
Action:	Staff Letter
Global Id:	T0602391048
Action Type:	Other
Date:	11/20/2003
Action:	Leak Reported
Global Id:	T0602391048
Action Type:	ENFORCEMENT
Date:	07/03/2007
Action:	File review
Global Id:	T0602391048
Action Type:	ENFORCEMENT
Date:	04/25/2006
Action:	Staff Letter
Global Id:	T0602391048
Action Type:	ENFORCEMENT
Date:	02/09/2007
Action:	File review
Global Id:	T0602391048
Action Type:	ENFORCEMENT
Date:	05/03/2006
Action:	Staff Letter
Global Id:	T0602391048
Action Type:	ENFORCEMENT
Date:	08/10/2006
Action:	File review
Global Id:	T0602391048
Action Type:	ENFORCEMENT
Date:	12/09/2008
Action:	Staff Letter
Global Id:	T0602391048
Action Type:	ENFORCEMENT
Date:	12/09/2008
Action:	Meeting
Global Id:	T0602391048

LORENZOS SHELL SERVICE (Continued) **S106163357**

Action Type: ENFORCEMENT
Date: 07/29/2010
Action: Referral to Regional Board

Global Id: T0602391048
Action Type: RESPONSE
Date: 01/10/2012
Action: Correspondence

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 10/27/2004
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 10/27/2004
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 03/17/2005
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 04/26/2005
Action: Warning Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 07/07/2005
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 10/10/2008
Action: File review

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 10/21/2010
Action: Deed Restriction / Land Use Restriction / Covenant

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 10/09/2013
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 09/06/2012
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 04/03/2014

LORENZOS SHELL SERVICE (Continued) **S106163357**

Action: Staff Letter

Global Id: T0602391048
Action Type: Other
Date: 10/20/1986
Action: Leak Stopped

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 03/20/2008
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 04/28/2010
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 09/24/2013
Action: Referral to Local Agency

Global Id: T0602391048
Action Type: RESPONSE
Date: 08/12/2008
Action: Monitoring Report - Quarterly

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 01/09/2008
Action: Verbal Communication

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 01/10/2008
Action: Staff Letter

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 01/10/2008
Action: File review

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 09/16/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 01/24/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 12/23/2014
Action: Closure/No Further Action Letter

LORENZOS SHELL SERVICE (Continued) **S106163357**

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 04/02/2014
Action: Notification - Public Participation Document

Global Id: T0602391048
Action Type: ENFORCEMENT
Date: 11/25/2014
Action: Staff Letter

Global Id: T0602391048
Action Type: Other
Date: 10/20/2003
Action: Leak Discovery

Global Id: T0602391048
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Other - Regulator Responded

Global Id: T0602391048
Action Type: RESPONSE
Date: 01/22/2014
Action: Request for Closure - Regulator Responded

Global Id: T0602391048
Action Type: REMEDIATION
Date: 10/20/2003
Action: Not reported

LUST:
Global Id: T0602391048
Status: Open - Case Begin Date
Status Date: 10/20/1986

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 01/29/2004

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 10/18/2004

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 12/29/2004

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 03/14/2005

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 07/07/2005

Global Id: T0602391048
Status: Open - Site Assessment

LORENZOS SHELL SERVICE (Continued) **S106163357**

Status Date: 04/25/2006

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 05/03/2006

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 08/10/2006

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 12/28/2006

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 02/09/2007

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 07/03/2007

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 01/09/2008

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 01/10/2008

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 03/20/2008

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 06/12/2008

Global Id: T0602391048
Status: Open - Referred
Status Date: 07/28/2009

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 07/28/2009

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 07/29/2010

Global Id: T0602391048
Status: Open - Eligible for Closure
Status Date: 10/04/2013

Global Id: T0602391048
Status: Open - Site Assessment
Status Date: 10/04/2013

LORENZOS SHELL SERVICE (Continued) **S106163357**

Global Id: T0602391048
Status: Completed - Case Closed
Status Date: 12/23/2014

DEED:
Name: LORENZOS SHELL SERVICE
Address: 1 CUTTEN STREET
City,State,Zip: SAMOA, CA 95564
Envirostor ID: T0602391048
Area: Not reported
Sub Area: Not reported
Site Type: LUFT
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

CORTESE:
Name: LORENZOS SHELL SERVICE
Address: 1 CUTTEN STREET
City,State,Zip: SAMOA, CA 95564
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602391048
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

D13 **TOWN OF SAMOA** **RCRA NonGen / NLR** **1025869278**
NNE **2 RIDEOUT ST** **CAL000404097**
< 1/8 **SAMOA, CA 95564**
0.063 mi.
333 ft. **Site 1 of 4 in cluster D**

Relative: **Higher**
Actual: **23 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20150128
Handler Name: TOWN OF SAMOA
Handler Address: 2 RIDEOUT ST
Handler City,State,Zip: SAMOA, CA 95564
EPA ID: CAL000404097

TOWN OF SAMOA (Continued) **1025869278**

Contact Name:	ROBERT CHIPMAN
Contact Address:	5251 ERICSON WAY
Contact City,State,Zip:	ARCATA, CA 95521
Contact Telephone:	707-496-8113
Contact Fax:	707-825-9596
Contact Email:	BCHIPMAN@DANCO-GROUP.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:	5251 ERICSON WAY
Mailing City,State,Zip:	ARCATA, CA 95521
Owner Name:	DANCO BUILDERS
Owner Type:	Other
Operator Name:	ROBERT CHIPMAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

TOWN OF SAMOA (Continued) **1025869278**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190927
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:	ROBERT CHIPMAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5251 ERICSON WAY
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-496-8113
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DANCO BUILDERS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5251 ERICSON WAY
Owner/Operator City,State,Zip:	ARCATA, CA 95521
Owner/Operator Telephone:	707-825-1534
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20150128
Handler Name: TOWN OF SAMOA	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported

TOWN OF SAMOA (Continued) **1025869278**

Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 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

D14 **TOWN OF SAMOA** **CERS HAZ WASTE** **S123103067**
NNE **2 RIDEOUT ST** **CERS** **N/A**
< 1/8 **SAMOA, CA 95564**
0.063 mi.
333 ft. **Site 2 of 4 in cluster D**

Relative:
Higher

Actual:
23 ft.

CERS HAZ WASTE:
Name: TOWN OF SAMOA
Address: 2 RIDEOUT ST
City,State,Zip: SAMOA, CA 95564
Site ID: 77211
CERS ID: 10616977
CERS Description: Hazardous Waste Generator

CERS:
Name: TOWN OF SAMOA
Address: 2 RIDEOUT ST
City,State,Zip: SAMOA, CA 95564
Site ID: 77211
CERS ID: 10616977
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 77211
Site Name: Town of Samoa
Violation Date: 02-23-2015
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 02/25/2015.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 77211
Site Name: Town of Samoa
Violation Date: 08-28-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22,

TOWN OF SAMOA (Continued) **S123103067**

	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 09/16/2019. OBSERVATION: Bags of lead paint chips located in the waste storage area were observed without hazardous waste labels. CORRECTIVE ACTION: Properly label all containers of hazardous waste within 7 business days and contact DEH for a re-inspection.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	77211
Site Name:	Town of Samoa
Violation Date:	08-28-2019
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 09/01/2019. OBSERVATION: The business failed 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 including familiarity with the emergency response plan or failure to document and maintain training records for a minimum of three years. CORRECTIVE ACTION: Conduct a training within 30 days and send DEH a copy of the sign-in sheet.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	77211
Site Name:	Town of Samoa
Violation Date:	04-12-2021
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 04/14/2021. All hazardous waste container must be labeled. The labels must be completely filled out to include the EPA ID number and the accumulation start dates. There are approximately 10 drums of lead based paint that need to be labeled. The accumulation date must be on the drums when you get the first drum 1/2 full. You will have nine months from the accumulation start date to have the drums picked up for disposal. Keep all manifests for review.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS

TOWN OF SAMOA (Continued) **S123103067**

Site ID: 77211
Site Name: Town of Samoa
Violation Date: 08-28-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to 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 09/13/2019. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. The inventory does not meet new Federal hazard category requirements. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities in CERS within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 77211
Site Name: Town of Samoa
Violation Date: 02-23-2015
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 02/26/2015. Three 55 gallon drums of lead paint waste did not have hazardous waste labels on them.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 77211
Site Name: Town of Samoa
Violation Date: 08-28-2019
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 09/16/2019. OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have reactivated your EPA ID number within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2019

TOWN OF SAMOA (Continued) **S123103067**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-12-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-12-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 77211
Site Name: Town of Samoa
Site Address: 2 RIDEOUT ST
Site City: SAMOA

TOWN OF SAMOA (Continued) **S123103067**

Site Zip: 95564
Enf Action Date: 02-23-2015
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: Humboldt County Division of Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 77211
Site Name: Town of Samoa
Site Address: 2 RIDEOUT ST
Site City: SAMOA
Site Zip: 95564
Enf Action Date: 02-23-2015
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: Humboldt County Division of Environmental Health
Enf Action Program: HWLQG
Enf Action Source: CERS

Coordinates:
Site ID: 77211
Facility Name: Town of Samoa
Env Int Type Code: HWG
Program ID: 10616977
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 40.818560
Longitude: -124.185710

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Kira Sandoval
Entity Title: Not reported
Affiliation Address: 5251 Ericson Way
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95521
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Dan Johnson
Entity Title: Not reported
Affiliation Address: 5251 Ericson Way
Affiliation City: Arcata
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95521
Affiliation Phone: (707) 822-9000

Affiliation Type Desc: Operator
Entity Name: Terry Wilson
Entity Title: Not reported

TOWN OF SAMOA (Continued) **S123103067**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 496-0514
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5251 Ericson Way
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95521
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Kira Sandoval
Entity Title:	Construction Administrator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Samoa Pacific Group
Entity Title:	Not reported
Affiliation Address:	5251 Ericson Way
Affiliation City:	Arcata
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95521
Affiliation Phone:	(707) 822-9000
Affiliation Type Desc:	Document Preparer
Entity Name:	Kira Sandoval
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:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215

TOWN OF SAMOA (Continued) **S123103067**

Affiliation Type Desc:	Parent Corporation
Entity Name:	Town of Samoa
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:	Not reported

D15 **DANCO BUILDERS** **CUPA Listings** **S117624348**
NNE **2 RIDEOUT STREET** **HAZNET** **N/A**
< 1/8 **SAMOA, CA 95564** **HWTS**
0.063 mi.
333 ft. **Site 3 of 4 in cluster D**

Relative: **Higher**
Actual: **23 ft.**

CUPA HUMBOLDT:

Name:	TOWN OF SAMOA
Address:	2 RIDEOUT ST
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005508
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10616977
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0009166
District:	N - North
SIC Code:	(none)
Last Touched:	09/25/2019
Update By:	AROBERTS
Contact Name:	Terry Wilson
Day Phone:	7074960514
Latitude:	40.81856
Longitude:	-124.1856

Name:	TOWN OF SAMOA
Address:	2 RIDEOUT ST
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005508
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10616977
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0008640
District:	N - North
SIC Code:	(none)
Last Touched:	09/25/2019
Update By:	AROBERTS
Contact Name:	Terry Wilson
Day Phone:	7074960514
Latitude:	40.81856
Longitude:	-124.1856

DANCO BUILDERS (Continued) **S117624348**

HAZNET:

Name:	TOWN OF SAMOA
Address:	2 RIDEOUT ST
Address 2:	Not reported
City,State,Zip:	SAMOA, CA 95521
Contact:	ROBERT CHIPMAN
Telephone:	7074968113
Mailing Name:	Not reported
Mailing Address:	5251 ERICSON WAY
Year:	2019
Gepaid:	CAL000404097
TSD EPA ID:	UTD991301748
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	6.10000
Year:	2015
Gepaid:	CAC002801533
TSD EPA ID:	UTD991301748
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	1.35

Additional Info:

Year:	2015
Gen EPA ID:	CAC002801533
Shipment Date:	20150819
Creation Date:	3/22/2016 22:15:44
Receipt Date:	20150911
Manifest ID:	004987141SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D006
Additional Code 3:	D005
Additional Code 4:	Not reported
Additional Code 5:	Not reported

DANCO BUILDERS (Continued) **S117624348**

Shipment Date:	20150226
Creation Date:	8/18/2015 22:15:10
Receipt Date:	20150318
Manifest ID:	004679042SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D006
Additional Code 3:	D005
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	DANCO BUILDERS
Address:	2 RIDEOUT STREET
Address 2:	Not reported
City,State,Zip:	SAMOA, CA 95564
EPA ID:	CAC002801533
Inactive Date:	04/27/2015
Create Date:	01/26/2015
Last Act Date:	04/28/2015
Mailing Name:	Not reported
Mailing Address:	5251 ERICSON WAY
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ARCATA, CA 95521
Owner Name:	THE DANCO GROUP OF COMPANIES
Owner Address:	5251 ERICSON WAY
Owner Address 2:	Not reported
Owner City,State,Zip:	ARCATA, CA 95521
Contact Name:	KIRA SANDOVAL
Contact Address:	5251 ERICSON WAY
Contact Address 2:	Not reported
City,State,Zip:	ARCATA, CA 95521

D16 **FRESHWATER TISSUE CO LLC** **CHMIRS S106395988**
NNE **1 TCF DR** **CUPA Listings N/A**
< 1/8 **SAMOA, CA 95564**
0.075 mi.
398 ft. **Site 4 of 4 in cluster D**

Relative: **Higher**

Actual: **23 ft.**

CHMIRS:

Name:	Not reported
Address:	1 TCF DR.
City,State,Zip:	SAMOA, CA 95564

FRESHWATER TISSUE CO LLC (Continued) **S106395988**

OES Incident Number:	3-0579
OES notification:	01/30/2003
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Pacific Ocean
Spill Site:	Not reported
Cleanup By:	N/A
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	Samoa Pacific Cellulose
Incident Date:	1/29/200312:00:00 AM
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	Black Liquor and In Process White Liquor
Gallons:	10,000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported

FRESHWATER TISSUE CO LLC (Continued) **S106395988**

#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	These caustic substances are used in pulp digesting. A power failure occurred causing the kiln and recovery boiler to overflow into their process sewer, raising their pH above 12.5 (basic). Their process sewer flows by permit to the Pacific Ocean. The release was secured at 1840 hours. The caller states that the release terminates at a peninsula on the exact opposite end of Humboldt Bay from the shellfish growing area and there is absolutely no chance of this release entering the shellfishgrowing area.
Name:	Not reported
Address: 1 TCF DR	
City,State,Zip:	SAMOA, CA
OES Incident Number:	5-2342
OES notification:	04/19/2005
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Pacific Ocean
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported

FRESHWATER TISSUE CO LLC (Continued) **S106395988**

What Happened:		Not reported
Type:		Not reported
Measure:		Not reported
Other:		Not reported
Date/Time:		Not reported
Year:		2005
Agency:		Evergreen Pulp Inc
Incident Date:		4/18/200512:00:00 AM
Admin Agency:		Humboldt County Environmental Health
Amount:		Not reported
Contained:		Yes
Site Type:		Industrial Plant
E Date:		Not reported
Substance:		White Liquor
Gallons:		400
Unknown:		0
Substance #2:		Not reported
Substance #3:		Not reported
Evacuations:		0
Number of Injuries:		0
Number of Fatalities:		0
#1 Pipeline:		Not reported
#2 Pipeline:		Not reported
#3 Pipeline:		Not reported
#1 Vessel >= 300 Tons:		Not reported
#2 Vessel >= 300 Tons:		Not reported
#3 Vessel >= 300 Tons:		Not reported
Evacs:		Not reported
Injuries:		Not reported
Fatals:		Not reported
Comments:		Not reported
Description:		Per caller, a failed flange caused the release.
Name:		Not reported
Address:	1 TCF DR.	
City,State,Zip:		SAMOA, CA
OES Incident Number:		5-1523
OES notification:		03/08/2005
OES Date:		Not reported
OES Time:		Not reported
Date Completed:		**Not reported**
Property Use:		Not reported
Agency Id Number:		Not reported
Agency Incident Number:		Not reported
Time Notified:		Not reported
Time Completed:		Not reported
Surrounding Area:		Not reported
Estimated Temperature:		Not reported
Property Management:		Not reported
More Than Two Substances Involved?:		Not reported
Resp Agncy Personel # Of Decontaminated:		Not reported
Responding Agency Personel # Of Injuries:		Not reported
Responding Agency Personel # Of Fatalities:		Not reported
Others Number Of Decontaminated:		Not reported
Others Number Of Injuries:		Not reported
Others Number Of Fatalities:		Not reported
Vehicle Make/year:		Not reported

FRESHWATER TISSUE CO LLC (Continued) **S106395988**

Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Sewer System
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2005
Agency:	Stockton Pacific Ent.
Incident Date:	6/3/200412:00:00 AM
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	No
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Sulfuric Acid
Gallons:	200
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	HISTORICAL REPORT: An employee accidentally released to the sewer system.

CUPA HUMBOLDT:

Name:	FRESHWATER TISSUE CO LLC
Address:	1 TCF DR
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0001214
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	02 - Inactive
CERS ID:	10330837

FRESHWATER TISSUE CO LLC (Continued) **S106395988**

Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0003120
District:	N - North
SIC Code:	2610 - Pulp Mills
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Charles Benbow
Day Phone:	7074457592
Latitude:	40.80610
Longitude:	-124.1950

Name:	FRESHWATER TISSUE CO LLC
Address:	1 TCF DR
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0001214
Facility Address 2:	Not reported
Program Identifier:	CUPA - APSA Engineered Facility
Program Element Code Desc:	4007 4007 - APSA Engineered Facility
Permit Status:	02 - Inactive
CERS ID:	10330837
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0004505
District:	N - North
SIC Code:	2610 - Pulp Mills
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Not reported
Day Phone:	7074457592
Latitude:	40.80610
Longitude:	-124.1950

Name:	FRESHWATER TISSUE CO LLC
Address:	1 TCF DR
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0001214
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	02 - Inactive
CERS ID:	10330837
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0006815
District:	N - North
SIC Code:	2610 - Pulp Mills
Last Touched:	04/12/2019
Update By:	dba
Contact Name:	Charles Benbow
Day Phone:	7074457592
Latitude:	40.80610
Longitude:	-124.1950

E17
NNE
< 1/8
0.084 mi.
446 ft.

SAMOA PENINSULA
VERY LARGE AREA (NO STREET)
SAMOA, CA 95564

Site 1 of 2 in cluster E

CPS-SLIC
DEED

S106483542
N/A

Relative:
Higher

Actual:
23 ft.

CPS-SLIC:

Name:	SAMOA PENINSULA
Address:	VERY LARGE AREA (NO STREET)
City,State,Zip:	SAMOA, CA 95564
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	06/14/2017
Global Id:	SL0602323372
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.8187372
Longitude:	-124.1864518
Case Type:	Cleanup Program Site
Case Worker:	TNM
Local Agency:	US ENVIRONMENTAL PROTECTION AGENCY
RB Case Number:	1NHU890
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Aviation
Site History:	Some information regarding this site can be found under the Lorenzo's Shell Service (Samoa) site file, Regional Water Board Case No. 1THU800. Voluntary cleanup-Town of Samoa. A 2015 investigation found no significant contamination in the soccer field remaining.

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

DEED:

Name:	SAMOA PENINSULA
Address:	VERY LARGE AREA (NO STREET)
City,State,Zip:	SAMOA, CA 95564
Envirostor ID:	SL0602323372
Area:	Not reported
Sub Area:	Not reported
Site Type:	SLIC
Status:	OPEN - INACTIVE
Agency:	SWRCB
Covenant Uploaded:	Y
Deed Date(s):	10/21/2010
File Name:	Geotracker Land Use/Deed Restrictions

Name:	SAMOA PENINSULA
Address:	VERY LARGE AREA (NO STREET)
City,State,Zip:	SAMOA, CA 95564
Envirostor ID:	SL0602323372
Area:	Not reported
Sub Area:	Not reported
Site Type:	SLIC
Status:	OPEN - INACTIVE
Agency:	SWRCB
Covenant Uploaded:	Y
Deed Date(s):	10/21/2010
File Name:	Geotracker Land Use/Deed Restrictions

SAMOA PENINSULA (Continued) **S106483542**

Name: SAMOA PENINSULA
Address: VERY LARGE AREA (NO STREET)
City,State,Zip: SAMOA, CA 95564
Envirostor ID: SL0602323372
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

Name: SAMOA PENINSULA
Address: VERY LARGE AREA (NO STREET)
City,State,Zip: SAMOA, CA 95564
Envirostor ID: SL0602323372
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

Name: SAMOA PENINSULA
Address: VERY LARGE AREA (NO STREET)
City,State,Zip: SAMOA, CA 95564
Envirostor ID: SL0602323372
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

Name: SAMOA PENINSULA
Address: VERY LARGE AREA (NO STREET)
City,State,Zip: SAMOA, CA 95564
Envirostor ID: SL0602323372
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

Name: SAMOA PENINSULA
Address: VERY LARGE AREA (NO STREET)
City,State,Zip: SAMOA, CA 95564
Envirostor ID: SL0602323372
Area: Not reported

SAMOA PENINSULA (Continued) **S106483542**

Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

Name: SAMOA PENINSULA
Address: VERY LARGE AREA (NO STREET)
City,State,Zip: SAMOA, CA 95564
Envirostor ID: SL0602323372
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 10/21/2010
File Name: Geotracker Land Use/Deed Restrictions

E18 **SIMPSON SAMOA INDUSTRIAL SITE** **RCRA-SQG** **1004677104**
NNE **VANCE AVE AND RIDE OUT AVE** **CAR000093278**
< 1/8 **SAMOA, CA 95564**
0.090 mi.
477 ft. **Site 2 of 2 in cluster E**

Relative:
Higher

Actual:
23 ft.

RCRA-SQG:

Date Form Received by Agency:	20010309
Handler Name:	SIMPSON SAMOA INDUSTRIAL SITE
Handler Address:	VANCE AVE AND RIDE OUT AVE
Handler City,State,Zip:	SAMOA, CA 95564
EPA ID:	CAR000093278
Contact Name:	DAVE MCENTEE
Contact Address:	P O BOX 1089
Contact City,State,Zip:	ARCATA, CA 95518-1089
Contact Telephone:	206-224-5000
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P O BOX 1089
Mailing City,State,Zip:	ARCATA, CA 95518-1089
Owner Name:	SIMPSON SAMOA COMP
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

SIMPSON SAMOA INDUSTRIAL SITE (Continued) **1004677104**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

SIMPSON SAMOA INDUSTRIAL SITE (Continued) **1004677104**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIMPSON SAMOA COMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1301 5TH AVE STE 2800
Owner/Operator City,State,Zip:	SEATTLE, WA 98101
Owner/Operator Telephone:	206-224-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIMPSON SAMOA COMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1301 5TH AVE STE 2800
Owner/Operator City,State,Zip:	SEATTLE, WA 98101
Owner/Operator Telephone:	206-224-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20010309
Handler Name:	SIMPSON SAMOA INDUSTRIAL SITE
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:	20010309
Handler Name:	SIMPSON SAMOA INDUSTRIAL SITE
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 Codes:	No NAICS Codes Found

SIMPSON SAMOA INDUSTRIAL SITE (Continued) **1004677104**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

19
SW
< 1/8
0.108 mi.
568 ft.

EVERGREEN PULP INCORPORATED (FORMER) **CPS-SLIC S105886103**
1 TCF DRIVE **CHMIRS N/A**
SAMOA, CA 95564 **CIWQS**
CERS

Relative:
Higher

Actual:
24 ft.

CPS-SLIC:

Name:	EVERGREEN PULP INCORPORATED (FORMER)
Address:	1 TCF DRIVE
City,State,Zip:	SAMOA, CA 95564
Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	03/06/2012
Global Id:	SL0602377769
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.8048
Longitude:	-124.196598
Case Type:	Cleanup Program Site
Case Worker:	TNM
Local Agency:	Not reported
RB Case Number:	1NHU892
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern:	* Solvents, Gasoline
Site History:	The site was developed in 1964 as a bleached pulp mill , until it was converted into a chlorine-free operation in 1994. Several companies have operated the mill since that time, the most recent being Evergreen Pulp.The mill shut down in October 2008 and has not operated since. Freshwater Pulp Company owned the site from February 2009 to August 2013, and was involved with decommissioning or demolition of various components of the mill. In August 2013, Freshwater Pulp Company transferred ownership of the former pulp mill facility to the Humboldt Bay Harbor Recreation and Conservation District. In September 2014, the U.S. Environmental Protection Agency completed the removal of spent pulping liquors that were previously stored in multiple onsite aboveground storage tanks.

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

CHMIRS:

Name:		Not reported
Address:	1 TCF	
City,State,Zip:		SAMOA, CA
OES Incident Number:		3-5837
OES notification:		11/10/2003
OES Date:		Not reported
OES Time:		Not reported
Date Completed:		**Not reported**

EVERGREEN PULP INCORPORATED (FORMER) (Continued) **S105886103**

Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	storm drain
Spill Site:	Not reported
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	Stockton Pacific
Incident Date:	11/10/200312:00:00 AM
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Other
E Date:	Not reported
Substance:	tri-act 1820 inhibitor
Gallons:	10
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported

EVERGREEN PULP INCORPORATED (FORMER) (Continued) **S105886103**

Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Contractor error. Overflow of a tank caused the spill. Contractor attempted to clean up, but did it incorrectly by washing the substance down the storm drain. Drain flows to the ocean
Name:	Not reported
Address:	1 TCF DRIVE
City,State,Zip:	SAMOA, CA 95564
OES Incident Number:	3-4024
OES notification:	08/09/2003
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Pacific Ocean
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	Samoa Pacific
Incident Date:	8/9/200312:00:00 AM
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant

EVERGREEN PULP INCORPORATED (FORMER) (Continued) **S105886103**

E Date:	Not reported
Substance:	50% Liquid Caustic - Sodium Hydroxide
Gallons:	280
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	A truck was off-loading into storage tank and a valve was left open. The substance spilled into facility sewer system. The caller advised that the substance was neutralized before reaching the Pacific Ocean.

Name:	Not reported
Address:	1 TCF DRIVE
City,State,Zip:	SAMOA, CA 95564
OES Incident Number:	7-2520
OES notification:	04/25/2007
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported

EVERGREEN PULP INCORPORATED (FORMER) (Continued) **S105886103**

Waterway Involved:	Not reported
Waterway:	Pacific Ocean
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2007
Agency:	Evergreen Pulp
Incident Date:	4/25/2007 12:00:00 AM
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	Lubricating Oil
Gallons:	10
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	While in startup mode at the mill, operator misjudgement led to this release. Absorbent pads were applied, immediately upon noticing the release. The release entered our mill sewer drain which empties to the Pacific Ocean.
Name:	Not reported
Address:	1 TCF DRIVE
City,State,Zip:	SAMOA, CA
OES Incident Number:	08-3571
OES notification:	05/17/2008
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported

EVERGREEN PULP INCORPORATED (FORMER) (Continued) **S105886103**

Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Merchant/Business
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	N/A
Other:	Not reported
Date/Time:	1000
Year:	2008
Agency:	NRC
Incident Date:	5/17/2008
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	Unknown
Site Type:	Not reported
E Date:	Not reported
Substance:	Unknown Material
Quantity Released:	Unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Per NRC fax report #871239 "Caller is reporting that occasionally the get a strong odor in the atmosphere from the facility that is located near the hospital. Caller stated that he notified his

EVERGREEN PULP INCORPORATED (FORMER) (Continued) **S105886103**

supervisor and he recommend that he close all windows at the hospital because patients were starting to complain about sore throats, headaches and dizziness".

Name:	Not reported
Address:	1 TCF DRIVE, SAMOA
City,State,Zip:	SAMOA, CA 95564
OES Incident Number:	2-5445
OES notification:	10/08/2002
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2002
Agency:	Samoa Pacific Cellulose
Incident Date:	10/7/200212:00:00 AM
Admin Agency:	Humboldt County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	sodium hydroxide
Gallons:	0.000000

EVERGREEN PULP INCORPORATED (FORMER) (Continued) **S105886103**

Pounds:	1000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Yesterday a 1-inch underground transfer line stopped flowing for an unknown reason. They also had a steam tracer on the line. Both lines were immediately shut down. They took samples yesterday and today the report came back showing sodium hydroxide in the soil.

CIWQS:

Name:	SAMOA PULP MILL
Address:	1 TCF DR
City,State,Zip:	SAMOA, CA 95519
Agency:	Freshwater Pulp Inc
Agency Address:	PO BOx 248, Samoa, CA 95564
Place/Project Type:	Industrial - Pulp Mills
SIC/NAICS:	2611
Region:	1
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	1 12I022092
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/27/2009
Termination Date:	05/15/2014
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:	40.93732
Longitude:	-124.03127

CERS:

Name:	FRESHWATER TISSUE PULP MILL
Address:	1 TCF DR
City,State,Zip:	SAMOA, CA 95564

EVERGREEN PULP INCORPORATED (FORMER) (Continued) **S105886103**

Site ID: 468978
CERS ID: 110021324592
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: ERIC BYOUS
Entity Title: Not reported
Affiliation Address: 75 HAWTHORNE STREET
Affiliation City: SANFRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: BOB SIMPSON
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: POBOX 248
Affiliation City: SAMOA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: BOB SIMPSON
Entity Title: OPERATOR
Affiliation Address: POBOX 248
Affiliation City: SAMOA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: CAROL ROMERO
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: Not reported

Affiliation Type Desc: Facility Owner
Entity Name: FRESHWATER TISSUE ; LLC
Entity Title: OWNER
Affiliation Address: POBOX 248
Affiliation City: SAMOA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact
Entity Name: CAROL ROMERO
Entity Title: Not reported

EVERGREEN PULP INCORPORATED (FORMER) (Continued) **S105886103**

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: DAVE PARSON NORTH CST RWQCB REGN 1ST
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARDNA SUITE A
Affiliation City: SANTAROSA
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: CHARLES BENBOW
Entity Title: VICE PRESIDENT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: ROD LEDBETTER
Entity Title: CONSULTANT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

20
North
1/8-1/4
0.184 mi.
972 ft.

LP SAMOA PULPMILL
SAMOA PENNINSULA
SAMOA, CA 95564

HIST CORTESE **S103340816**
WDS **N/A**
CIWQS

Relative:
Higher

Actual:
23 ft.

HIST CORTESE:
edr_fname: LP SAMOA PULPMILL
edr_fadd1: SAMOA PENNINSULA
City,State,Zip: SAMOA, CA 95564
Region: CORTESE
Facility County Code: 12
Reg By: WBC&D
Reg Id: 1B770050HUM

WDS:
Name: EVERGREEN PULP INC (LP SAMOA)
Address: SAMOA PENNINSULA
City: SAMOA

LP SAMOA PULPMILL (Continued) **S103340816**

Facility ID:	1 12I016963
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:	1
Facility Telephone:	Not reported
Facility Contact:	TONY JAEGEL
Agency Name:	EVERGREEN PULP INC.
Agency Address:	P.O. BOX 218
Agency City,St,Zip:	SAMOA 95564
Agency Contact:	DAVID TSANG
Agency Telephone:	7072697553
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Primary Waste:	STORMS
Waste Type2:	Not reported
Waste2:	Stormwater Runoff
Primary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
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.
Name:	EVERGREEN PULP INC (LP SAMOA)
Address:	SAMOA PENNINSULA
City:	SAMOA
Facility ID:	North Coastal 77005OHUM
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or

LP SAMOA PULPMILL (Continued) **S103340816**

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: CA0005894 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 1
Facility Telephone: Not reported
Facility Contact: TONY JAEGEL
Agency Name: EVERGREEN PULP INC.
Agency Address: P.O. BOX 218
Agency City,St,Zip: SAMOA 95564
Agency Contact: DAVID TSANG
Agency Telephone: 7072697553
Agency Type: Private
SIC Code: 2411
SIC Code 2: Not reported
Primary Waste Type: Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Primary Waste: PROCES
Waste Type2: D
Waste2: Process Waste (Waste produced as part of the industrial/manufacturing process)
Primary Waste Type: Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Secondary Waste: Domestic Sewage
Secondary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Design Flow: 30
Baseline Flow: 20
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
Treat To Water: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.

CIWQS:
Name: EVERGREEN PULP INC (LP SAMOA)
Address: SAMOA PENNINSULA
City,State,Zip: SAMOA, CA 95564
Agency: Samoa Pulp Mill

LP SAMOA PULPMILL (Continued) **S103340816**

Agency Address:	PO Box 218, Samoa, CA 95564
Place/Project Type:	Industrial - Pulp Mills
SIC/NAICS:	2611
Region:	1
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	1 12I016963
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	11/28/2001
Termination Date:	07/26/2005
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

F21 **TAYLOR MARICULTURE** **CUPA Listings** **S118689475**
NNE **264 VANCE AVE** **N/A**
1/8-1/4 **SAMOA, CA 95564**
0.217 mi.
1148 ft. **Site 1 of 3 in cluster F**

Relative:
Higher

Actual:
48 ft.

CUPA HUMBOLDT:

Name:	TAYLOR MARICULTURE
Address:	264 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005711
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10663864
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0009193
District:	N - North
SIC Code:	0913 - Shellfish
Last Touched:	06/30/2021
Update By:	DADAMS
Contact Name:	Mitch White
Day Phone:	7074998839
Latitude:	40.82062
Longitude:	-124.1848

F22 **REDWOOD TERMINAL NO. 2** **CERS HAZ WASTE** **S123102921**
NNE **364 VANCE AVE** **CUPA Listings** **N/A**
1/8-1/4 **SAMOA, CA 95564** **CERS**
0.225 mi.
1186 ft. **Site 2 of 3 in cluster F**

Relative:
Higher

Actual:
49 ft.

CERS HAZ WASTE:

Name:	REDWOOD TERMINAL NO. 2
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Site ID:	61068
CERS ID:	10458976
CERS Description:	Hazardous Waste Generator

CUPA HUMBOLDT:

Name:	REDWOOD TERMINAL NO. 2
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005626
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 4401 - Hazardous Waste Generator (SQG)
Permit Status:	01 - Active
CERS ID:	10458976
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0009492
District:	N - North
SIC Code:	4491 - Marine cargo handling
Last Touched:	01/29/2021
Update By:	JGONZALEZ
Contact Name:	Alan Bobilot
Day Phone:	7074430801
Latitude:	40.82071
Longitude:	-124.1845

Name:	THE HYDROCARBON COMPANY
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0006126
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10758565
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0010127
District:	N - North
SIC Code:	(none)
Last Touched:	07/08/2021
Update By:	DADAMS
Contact Name:	Robert McGehee
Day Phone:	9255942664
Latitude:	40.82070
Longitude:	-124.1845

Name:	REDWOOD TERMINAL NO. 2
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005626

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Facility Address 2:	Not reported
Program Identifier:	CUPA - APSA Tier I
Program Element Code Desc:	4005 4005 - APSA Tier I Facility
Permit Status:	01 - Active
CERS ID:	10458976
Facility Status:	01 - ACTIVE, BILLABLE
Record ID:	PR0009451
District:	N - North
SIC Code:	4491 - Marine cargo handling
Last Touched:	01/29/2021
Update By:	JGONZALEZ
Contact Name:	Alan Bobilot
Day Phone:	7074430801
Latitude:	40.82071
Longitude:	-124.1845

Name:	REDWOOD TERMINAL NO. 2
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005626
Facility Address 2:	Not reported
Program Identifier:	CUPA - Complex Facility
Program Element Code Desc:	5003 5003 - High Risk Facility
Permit Status:	02 - Inactive
CERS ID:	10458976
Facility Status:	02 - INACTIVE, NON-BILLABLE
Record ID:	PR0010270
District:	N - North
SIC Code:	4491 - Marine cargo handling
Last Touched:	01/29/2021
Update By:	JGONZALEZ
Contact Name:	Not reported
Day Phone:	Not reported
Latitude:	40.82071
Longitude:	-124.1845

Name:	REDWOOD TERMINAL NO. 2
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005626
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10458976
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0008941
District:	N - North
SIC Code:	4491 - Marine cargo handling
Last Touched:	01/29/2021
Update By:	JGONZALEZ
Contact Name:	Alan Bobillot
Day Phone:	7074430801
Latitude:	40.82071
Longitude:	-124.1845

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

CERS:
Name: REDWOOD TERMINAL NO. 2
Address: 364 VANCE AVE
City,State,Zip: SAMOA, CA 95564
Site ID: 61068
CERS ID: 10458976
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 61068
Site Name: Redwood Terminal No. 2
Violation Date: 04-18-2019
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 07/22/2019. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. The following were observed on-site during the inspection: - 1 x 55 gallon waste antifreeze drum in Auto shop - 2 x 55 gallon transmission fluid (drivetrain and ISO 100) in Auto shop -14 fiber drums of water treatment chemical 4050B in warehouse - 2 pallets (approximately 1,000 lbs) of soda ash in warehouse -1 x 55 gallon drum of 92 octane fuel in crane area Verify and delete the following -gasoline in auto shop -grease in auto shop -silica and flocculant in warehouse CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities within 30 days. Include updated Federal Hazard category information for each chemical in the inventory.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 61068
Site Name: Redwood Terminal No. 2
Violation Date: 11-03-2016
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 12/06/2016. OBSERVATION: 55 gallon drums of oily debris, oily water and waste oil in the shop had identifiers but did not have all appropriate hazardous waste labeling. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

	with all the required information. Send DEH the "Self Certification Return to Compliance" form within 14 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	04-29-2021
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:	Did not observe a hazardous materials business plan submittal or certification for 2021. Within 30 days, complete and electronically submit a hazardous materials business plan.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	11-03-2016
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 12/06/2016. OBSERVATION: The facility Hazardous Materials Chemical Inventory is not accurate. Many chemicals have been removed during site cleanup and other chemicals have been moved to different locations. CORRECTIVE ACTION: Revise the Chemical Inventory and submit electronically in the California Environmental Reporting System (CERS) within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	04-29-2021
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Violation Notes:	Observed waste refractory, cement, fyrquel lubricating oil and roofing tar with an accumulation start date of 12-7-2016. This is a repeat violation and the third and final notice. Within 30 days, ensure all hazardous waste that has exceeded its accumulation time limit is properly disposed of and provide proof of proper disposal to DEH.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	04-18-2019
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 08/15/2019. OBSERVATION: The business failed 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 including familiarity with the emergency response plan or failure to document and maintain training records for a minimum of three years. CORRECTIVE ACTION: Conduct a training covering the above referenced items within 15 days and send a copy of the sign-in sheet to DEH within that timeframe.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	04-18-2019
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 08/15/2019. OBSERVATION: The business failed to provide annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material including familiarity with the emergency response plan or failure to document and maintain training records for a minimum of three years. CORRECTIVE ACTION: Conduct a training covering the above referenced items within 30 days and send a copy of the sign-in sheet to DEH within that timeframe.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	11-03-2016
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description:	Failure to obtain a permit or grant of interim status to accumulate

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

	hazardous waste longer than 90 days.
Violation Notes:	Returned to compliance on 03/02/2017. OBSERVATION: Twelve 55 gallon drums of oily solids and two 55 gallon drums of waste oil have exceeded the 90 day accumulation timeframe. Facilities who generate more than 1000 kg of hazardous waste per month may store waste on site up to 90 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	11-03-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 11/23/2016. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	06-08-2020
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	By 7/30/2020 you must properly dispose of the following items being stored in the warehouse: Twelve drums each partially full of what has been called roofing tar. These drums were determined to be hazardous waste and are labeled with accumulation start date 12-7-2016. Two pallets with 50 pound bags of Greenlite refractory which is hazardous for silicate dust. Safety Data Sheets indicate "danger" and may cause cancer if inhaled. One pallet of Chemester powder, more silica dust. 10- 56 pound bags. Six fiber drums of AR-196 cement. Three 55 gallon drums of "Fyrquel" high temperature lubricating oil. I believe this is bearing oil used for the high speed turbine. There may be more in a lube tank in the turbine building.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HW

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	11-03-2016
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, 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 12/06/2016. OBSERVATION: The Business Activities page must be revised to state NO to LQG and APSA. The Owner/Operator ID page has outdated contact information. CORRECTIVE ACTION: Make revisions to both of these forms and submit electronically in the California Environmental Reporting System (CERS) within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	11-03-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 12/06/2016. OBSERVATION: The annotated site map submitted to the CUPA does not include all required elements. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS) within 30 days.
Violation Division:	Humboldt County Division of Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	61068
Site Name:	Redwood Terminal No. 2
Violation Date:	04-18-2019
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 07/22/2019. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. The following were observed on-site during the inspection: - 1 x 55 gallon waste antifreeze drum in Auto shop - 2 x 55 gallon transmission fluid (drivetrain and ISO 100) in Auto shop -14 fiber drums of water treatment chemical 4050B in warehouse - 2 pallets (approximately 1,000 lbs) of soda ash in warehouse -1 x 55 gallon drum of 92 octane fuel in crane area Verify and delete the following -gasoline in auto shop -grease in auto shop -silica and flocculant in

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

warehouse CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities within 15 days. Include updated Federal Hazard category information for each chemical in the inventory.

Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 61068
Site Name: Redwood Terminal No. 2
Violation Date: 04-29-2021
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: Observed 55 gallons of waste solvent, approximately 3000 pounds of refractory and approximately 350 gallons of grease in warehouse. This is a repeat violation. Within 30 days, update CERS to include all hazardous materials/wastes at or above threshold quantities or properly dispose of these materials. If disposed of, provide proof of proper disposal to DEH.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-18-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-18-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 675 gallons of roofing tar has been on-site for several years. A waste determination and disposal must be made on this material within the year.

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-29-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	EPA ID# active.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-29-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Remove if not planning on storing: Did not observe 55 gallons of new antifreeze or 1,000 pounds of citric acid in warehouse or 55 gallons gasoline in crane area. Update locations: Observed approximately 55 gallons of lubricating oils in auto shop in small counters, bulk 55 gallon drums of lubricating oils were stored in the warehouse. Ensure wastes are appropriately listed as wastes in CERS.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-10-2019
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Staff time spent on a 3rd inspection for this year will be billed out at our hourly rate of $118.00
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-03-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	There are hazardous materials that are no longer usable or have been deemed hazardous waste. Some of these materials were inherited with the purchase of the property. These materials no longer have viable use and therefore must be properly disposed at a licensed facility. These materials have been discussed at prior inspections. Please be advised that you may be subject to administrative, civil, or criminal penalties associated with the violations described in this report. If

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

	you have questions, or if I may be of assistance, please contact me at (707) 268-2226.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-03-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The four fuel tanks on site must meet the definition of permanently closed which means that, "all liquid and sludge has been removed from each container and connecting lines. All connecting lines and piping have been disconnected from the container and blanked off, all vales have been closed and locked and conspicuous signs have been posted on each container stating that it is a permanently closed container and noting the date of closure. Make these changes within 30 days and contact DEH for a reinspection.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	APSA
Eval Source:	CERS

Coordinates:

Site ID:	61068
Facility Name:	Redwood Terminal No. 2
Env Int Type Code:	HWG
Program ID:	10458976
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	40.820690
Longitude:	-124.184490

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215
Affiliation Type Desc:	Legal Owner
Entity Name:	Humboldt Bay Harbor District
Entity Title:	Not reported
Affiliation Address:	PO BOx 1030

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95502-1030
Affiliation Phone:	(707) 443-0801
Affiliation Type Desc:	Environmental Contact
Entity Name:	Adam Wagschal
Entity Title:	Not reported
Affiliation Address:	PO Box 1030
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95502-1030
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO Box 1030
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95502-1030
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Redwood Terminal No. 2
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:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Bernadette Clueit
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:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Bernadette Clueit
Entity Title:	Harbor Specialist III
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Entity Name: Humboldt Bay Harbor District
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 443-0801

Affiliation Type Desc: Property Owner
Entity Name: Humboldt Bay Harbor District
Entity Title: Not reported
Affiliation Address: PO BOx 1030
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95502-1030
Affiliation Phone: (707) 443-0801

Name: THE HYDROCARBON COMPANY
Address: 364 VANCE AVE
City,State,Zip: SAMOA, CA 95564
Site ID: 440645
CERS ID: 10758565
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 440645
Site Name: The Hydrocarbon Company
Violation Date: 08-29-2018
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 10/03/2018. OBSERVATION: The business failed 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 including familiarity with the emergency response plan or failure to document and maintain training records for a minimum of three years. CORRECTIVE ACTION: Conduct a training within 30 days and send a copy of training sign in sheet to DEH within 30 days.
Violation Division: Humboldt County Division of Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-04-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-29-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Humboldt County Division of Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 440645
Facility Name: The Hydrocarbon Company
Env Int Type Code: HMBP
Program ID: 10758565
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 40.804160
Longitude: -124.195720

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Humboldt Cnty Env Health
Entity Title: Not reported
Affiliation Address: 100 H Street, Suite 100
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95501
Affiliation Phone: (707) 445-6215

Affiliation Type Desc: Environmental Contact
Entity Name: Jordan Alonso
Entity Title: Not reported
Affiliation Address: 10545 NW La Cassel Crest Ln
Affiliation City: Portland
Affiliation State: OR
Affiliation Country: Not reported
Affiliation Zip: 97229
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: The Hydrocarbon Company
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: (503) 680-4287

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1738 Woodside Dr

REDWOOD TERMINAL NO. 2 (Continued) **S123102921**

Affiliation City:	Woodland
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95695
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Thomas Alonso
Entity Title:	Not reported
Affiliation Address:	10545 NW La Cassel Crest Ln
Affiliation City:	Portland
Affiliation State:	OR
Affiliation Country:	United States
Affiliation Zip:	97229
Affiliation Phone:	(503) 680-4287
Affiliation Type Desc:	Parent Corporation
Entity Name:	The Hydrocarbon Company
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:	Not reported

F23 **REDWOOD MARINE TERMINAL II** **SWF/LF** **S118397606**
NNE **364 VANCE AVE** **AST** **N/A**
1/8-1/4 **SAMOA, CA 95564** **HAZNET**
0.225 mi. **CERS**
1186 ft. **Site 3 of 3 in cluster F** **HWTS**

Relative: **Higher**

Actual: **49 ft.**

SWF/LF (SWIS):

Name:	SAMOA LANDFILL SITE
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Region:	STATE
Facility ID:	12-AA-0017
SWIS Number:	12-AA-0017
Point of Contact:	Angela Gomez
Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	D
EPA Federal Registry ID:	Not reported
ARB District:	North Coast Unified
SWRCB Region:	North Coast
Local Government:	Humboldt County (Unincorporated)
Reporting Agency Legal Name:	County of Humboldt
Reporting Agency Department:	Department of Health and Human Services, Environmental Health Division
Enforcing Agency Legal Name:	County of Humboldt
Enforcing Agency Department:	Department of Health and Human Services, Environmental Health Division
Regulation Status:	Permitted

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Activity:

SWIS Number:	12-AA-0017
Site Name:	Samoa Landfill Site
Activity:	Wood Waste Disposal Site
Activity Is Archived:	No
Category:	Disposal
Activity Classification:	Solid Waste Facility
WDR Number:	Not reported
WDR Landfill Class:	III
Cease Operation:	12/31/1998
Cease Operation Type:	Estimated
Inspection Frequency:	Annual
Throughput:	50
Throughput Units:	Cubic Yards per Day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	Not reported
Capacity Units:	Not reported
Total Acreage:	6
Disposal Acreage:	0
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Angela Gomez
Site Operational Status:	Closed
Site Regulatory Status:	Permitted
Site Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	D
EPA Federal Registry ID:	Not reported
County:	Humboldt
ARB District:	North Coast Unified
SWRCB Region:	North Coast
Local Government:	Humboldt County (Unincorporated)
Street Address:	364 Vance Ave
City:	Samoa
State:	CA
ZIP Code:	95564
Reporting Agency Legal Name:	County of Humboldt
Reporting Agency Department:	Department of Health and Human Services, Environmental Health Division
Enforcing Agency Legal Name:	County of Humboldt
Enforcing Agency Department:	Department of Health and Human Services, Environmental Health Division

Operator:

SWIS Number:	12-AA-0017
Site Name:	Samoa Landfill Site
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Permitted
Latitude:	40.80583
Longitude:	-124.19833

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Is Archived:	No
Operator:	Humboldt Bay Harbor, Rec. & Cons. Dist.
Started On:	11/20/2020
Contact Name:	Adam Wagschal
Contact Title:	Not reported
Contact Email:	awagschal@humboldtbay.org
Contact Phone:	(707) 443-0801
Street Address:	P.O. Box 1030
Operator City:	Eureka
Operator State:	CA
Operator Zip:	95502

Owner:

SWIS Number:	12-AA-0017
Owner:	Humboldt Bay Development Association
Owner Address:	P.O. Box 1030
Owner City:	Eureka
Owner State:	CA
Owner Zip:	95502
Site Name:	Samoa Landfill Site
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Permitted
Latitude:	40.80583
Longitude:	-124.19833
Is Archived:	No
Started On:	11/20/2020
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	awagschal@humboldtbay.org
Contact Phone:	(707) 443-0801

AST:

Name:	REDWOOD TERMINAL NO. 2
Address:	364 VANCE AVE
City/Zip:	SAMOA,95564
Certified Unified Program Agencies:	Not reported
Owner:	Humboldt Bay Harbor District
Total Gallons:	Not reported
CERSID:	10458976
Facility ID:	Not reported
Business Name:	Redwood Terminal No. 2
Phone:	(707) 443-0801
Fax:	(707) 443-0800
Mailing Address:	PO Box 1030
Mailing Address City:	Eureka
Mailing Address State:	CA
Mailing Address Zip Code:	Not reported
Operator Name:	Humboldt Bay Harbor District
Operator Phone:	(707) 443-0801
Owner Phone:	(707) 443-0801
Owner Mail Address:	PO BOx 1030
Owner State:	CA
Owner Zip Code:	Not reported
Owner Country:	United States

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Property Owner Name:	Humboldt Bay Harbor District
Property Owner Phone:	(707) 443-0801
Property Owner Mailing Address:	PO BOx 1030
Property Owner City:	Eureka
Property Owner Stat :	CA
Property Owner Zip Code:	Not reported
Property Owner Country:	United States
EPAID:	000-209-005

HAZNET:

Name:	REDWOOD MARINE TERMINAL II
Address:	364 VANCE AVE
Address 2:	Not reported
City,State,Zip:	SAMOA, CA 95536
Contact:	ALAN BOBILLOT
Telephone:	7074436592
Mailing Name:	Not reported
Mailing Address:	PO BOX 1030
Year:	2017
Gepaid:	CAL000422265
TSD EPA ID:	CAD097030993
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2
Year:	2016
Gepaid:	CAL000422265
TSD EPA ID:	CAD097030993
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.2

Additional Info:

Year:	2017
Gen EPA ID:	CAL000422265
Shipment Date:	20170302
Creation Date:	5/25/2017 18:30:16
Receipt Date:	20170323
Manifest ID:	016764551JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170126
Creation Date:	5/17/2017 18:31:30
Receipt Date:	20170213
Manifest ID:	016810159JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON, INC.
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	ADCHEM, LLC
Address:	364 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Site ID:	565874
CERS ID:	10841716
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-20-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Opening business inspection. Training documentation will be emailed.
Eval Division:	Humboldt County Division of Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	565874
Facility Name:	AdChem, LLC
Env Int Type Code:	HMBP
Program ID:	10841716

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	40.804170
Longitude:	-124.195730

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Humboldt Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	100 H Street, Suite 100
Affiliation City:	Eureka
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95501
Affiliation Phone:	(707) 445-6215

Affiliation Type Desc:	Document Preparer
Entity Name:	William Lowa
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:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	William Lowa
Entity Title:	COO
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	William Lowa
Entity Title:	Not reported
Affiliation Address:	2512 Telegraph Ave, Unit 366
Affiliation City:	Berkeley
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94704
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2512 Telegraph Ave, Unit 366
Affiliation City:	Berkeley
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94704
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

Entity Name: AdChem, LLC
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: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: AdChem, LLC
Entity Title: Not reported
Affiliation Address: 2512 Telegraph Ave, Unit 366
Affiliation City: Berkeley
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94704
Affiliation Phone: (510) 725-7841

Affiliation Type Desc: Operator
Entity Name: William Lowa
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: (484) 300-3064

Name: SAMOA LANDFILL SITE
Address: 364 VANCE AVE
City,State,Zip: SAMOA, CA
Site ID: 511570
CERS ID: 12-AA-0017
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Humboldt Bay Development Association
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95502
Affiliation Phone: 7074430801

Affiliation Type Desc: Legal Operator
Entity Name: Humboldt Bay Harbor, Rec. & Cons. Dist.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Eureka
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95502
Affiliation Phone: 7074430801

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

HWTS:

Name:	REDWOOD MARINE TERMINAL II
Address:	364 VANCE AVE
Address 2:	Not reported
City,State,Zip:	SAMOA, CA 95564
EPA ID:	CAC003079693
Inactive Date:	11/16/2020
Create Date:	08/17/2020
Last Act Date:	11/17/2020
Mailing Name:	Not reported
Mailing Address:	601 STARTARE DRIVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	EUREKA, CA 95501
Owner Name:	HUMBOLDT BAY HARBOR DISTRICT
Owner Address:	601 STARTARE DRIVE
Owner Address 2:	Not reported
Owner City,State,Zip:	ERUEKA, CA 95501
Contact Name:	LARRY OETKER
Contact Address:	601 STARTARE DRIVE
Contact Address 2:	Not reported
City,State,Zip:	EUREKA, CA 95501

NAICS:

EPA ID:	CAC003079693
Create Date:	2020-08-17 15:43:20.637
NAICS Code:	322121
NAICS Description:	Paper (except Newsprint) Mills
Issued EPA ID Date:	2020-08-17 15:43:20.65000
Inactive Date:	2020-11-16 15:43:20.63700
Facility Name:	REDWOOD MARINE TERMINAL II
Facility Address:	364 VANCE AVE
Facility Address 2:	Not reported
Facility City:	SAMOA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95564

Name:	REDWOOD MARINE TERMINAL II
Address:	364 VANCE AVE
Address 2:	Not reported
City,State,Zip:	SAMOA, CA 95536
EPA ID:	CAL000422265
Inactive Date:	Not reported
Create Date:	11/17/2016
Last Act Date:	10/19/2020
Mailing Name:	CHRIS MIKKELSEN
Mailing Address:	PO BOX 1030
Mailing Address 2:	Not reported
Mailing City,State,Zip:	EUREKA, CA 955021030
Owner Name:	HUMBOLDT BAY HARBOR DISTRICT
Owner Address:	PO BOX 1030
Owner Address 2:	Not reported
Owner City,State,Zip:	EUREKA, CA 955021030
Contact Name:	CHRIS MIKKELSEN
Contact Address:	601 STARTARE DRIVE
Contact Address 2:	Not reported

REDWOOD MARINE TERMINAL II (Continued) **S118397606**

City,State,Zip: EUREKA, CA 95501

NAICS:
EPA ID: CAL000422265
Create Date: 2016-11-17 11:23:38.247
NAICS Code: 71151
NAICS Description: Independent Artists, Writers, and Performers
Issued EPA ID Date: 2016-11-17 11:23:38.05000
Inactive Date: Not reported
Facility Name: REDWOOD MARINE TERMINAL II
Facility Address: 364 VANCE AVE
Facility Address 2: Not reported
Facility City: SAMOA
Facility County: Not reported
Facility State: CA
Facility Zip: 95536

Name: REDWOOD MARINE TERMINAL II
Address: 364 VANCE AVE
Address 2: Not reported
City,State,Zip: SAMOA, CA 95564
EPA ID: CAC003064158
Inactive Date: 07/22/2020
Create Date: 04/22/2020
Last Act Date: 07/23/2020
Mailing Name: Not reported
Mailing Address: 601 STARTARE DR
Mailing Address 2: Not reported
Mailing City,State,Zip: EUREKA, CA 95501
Owner Name: HMBOLDT BAY HARBOR DISTRICT
Owner Address: 601 STARTARE DR
Owner Address 2: Not reported
Owner City,State,Zip: EUREKA, CA 95501
Contact Name: LARRY OETKER
Contact Address: 601 STARTARE DR
Contact Address 2: Not reported
City,State,Zip: EUREKA, CA 95501

NAICS:
EPA ID: CAC003064158
Create Date: 2020-04-22 17:48:29.020
NAICS Code: 322121
NAICS Description: Paper (except Newsprint) Mills
Issued EPA ID Date: 2020-04-22 17:48:29.03700
Inactive Date: 2020-07-22 17:48:29.00300
Facility Name: REDWOOD MARINE TERMINAL II
Facility Address: 364 VANCE AVE
Facility Address 2: Not reported
Facility City: SAMOA
Facility County: Not reported
Facility State: CA
Facility Zip: 95564

G24 **SAMOA ROUNDHOUSE SITE** **US BROWNFIELDS** **1016603919**
NE **930 VANCE AVENUE** **FINDS** **N/A**
1/4-1/2 **SAMOA, CA 95564**
0.312 mi.
1647 ft. **Site 1 of 3 in cluster G**

Relative: **Lower**

Actual: **15 ft.**

US BROWNFIELDS:

Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	10000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	04/12/2019
Ownership Entity:	Government
Completion Date:	07/31/2019
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55

Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

	perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	90393
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	04/12/2019
Ownership Entity:	Government
Completion Date:	07/31/2019
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55
Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	3750
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96931601
Start Date:	02/04/2013
Ownership Entity:	Government

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Completion Date:	03/29/2013
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55
Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	10000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	04/12/2019
Ownership Entity:	Government
Completion Date:	07/31/2019
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55
Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	10000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	04/12/2019
Ownership Entity:	Government
Completion Date:	07/31/2019
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55
Name:	SAMOA ROUNDHOUSE SITE

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	90393
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	04/12/2019
Ownership Entity:	Government
Completion Date:	07/31/2019
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55
Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55
Name:	SAMOA ROUNDHOUSE SITE
Address:	930 VANCE AVENUE
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	401-031-056
Parcel size:	7.3
Latitude:	40.822
Longitude:	-124.1794
HCM Label:	Interpolation-Map
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	The property was home to a historic railway roundhouse used for the transportation lumber and logs to the mills and dock in the area. The property is curently being used to store and maintain historic railroad and lumber equipment. Former Use: The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Datum:	North American Datum of 1983
Acres Property ID:	171181
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	90393
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	04/12/2019
Ownership Entity:	Government
Completion Date:	07/31/2019
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7.3
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	7.3
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	Y
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property was owned by the Simpson Timber company, prior to that it was owned by the Louisiana Pacific Corp. The property has a long history of industrial timber use; RECs include various petroleum products, metals, and perhaps some dioxins and furans.
Below Poverty Number:	43
Below Poverty Percent:	19.55

SAMOA ROUNDHOUSE SITE (Continued) **1016603919**

Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55

FINDS:
Registry ID: 110059722288

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

G25 **HAG FISH CORPORATION** **CPS-SLIC S118397610**
NE **930 VANCE AVE** **CUPA Listings N/A**
1/4-1/2 **SAMOA, CA 95564**
0.312 mi.
1647 ft. **Site 2 of 3 in cluster G**

Relative:
Lower

Actual:
15 ft.

CPS-SLIC:

Name:	SIMPSON TIMBER COMPANY SAMOA
Address:	930 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	11/19/2012
Global Id:	T0602393498
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	40.8204023315546
Longitude:	-124.180762767792
Case Type:	Cleanup Program Site
Case Worker:	TNM
Local Agency:	HUMBOLDT COUNTY LOP
RB Case Number:	1NHU764
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
Site History:	Between 1893 and 2004, the site was used to house structures and improvements operated in support of various milling operations on the adjoining properties to the southwest. The site has historically been used for storing raw logs, curing processed lumber, lumber product logistics, maintenance facilities, fuel storage and distribution, energy generation (refuse burners and boilers), rail car storage and repair, and as a staging area for dredge spoils from the adjacent Humboldt Bay. In addition to the four current structures, historical improvements on the site have included a car (rail) shed, gasoline underground storage tanks (USTs) and dispensers, refuse burners, rail lines/spurs, and bulk fuel oil aboveground storage tanks (ASTs) and associated pump house. Previous subsurface investigations on the site have identified elevated concentrations of diesel, gasoline, and

HAG FISH CORPORATION (Continued) **S118397610**

motor oil and metals in soil and groundwater collected from various areas of the site.

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

CUPA HUMBOLDT:

Name:	HAG FISH CORPORATION
Address:	930 VANCE AVE
City,State,Zip:	SAMOA, CA 95564
Local Site Id:	FA0005650
Facility Address 2:	Not reported
Program Identifier:	CUPA - HMBP
Program Element Code Desc:	4201 4201 - HMBP and/or Inventory
Permit Status:	01 - Active
CERS ID:	10648561
Facility Status:	04 - ACTIVE, EXEMPT FROM BILLING
Record ID:	PR0008988
District:	N - North
SIC Code:	2092 - Fresh or frozen prepared fish
Last Touched:	11/16/2020
Update By:	JGONZALEZ
Contact Name:	Kaleg Gilium
Day Phone:	7076013654
Latitude:	40.82129
Longitude:	-124.1810

G26 **SIMPSON TIMBER COMPANY SAMOA** **CPS-SLIC** **S104857579**
NE **N/A**
1/4-1/2 **SAMOA, CA 95564**
0.315 mi.
1664 ft. **Site 3 of 3 in cluster G**

Relative:
Higher

Actual:
21 ft.

SLIC REG 1:

Region:	1
Facility ID:	1NHU764
Staff Initials:	KSA

H27 **SAMOA ACCESS** **US BROWNFIELDS** **1016603917**
NNE **COOKHOUSE WAY** **FINDS** **N/A**
1/4-1/2 **SAMOA, CA 95564**
0.365 mi.
1926 ft. **Site 1 of 2 in cluster H**

Relative:
Higher

Actual:
22 ft.

US BROWNFIELDS:

Name:	SAMOA ACCESS
Address:	COOKHOUSE WAY
City,State,Zip:	SAMOA, CA 95564
Recipient Name:	Humboldt County
Grant Type:	Assessment
Property Number:	401-031-040
Parcel size:	67.3
Latitude:	40.8211745
Longitude:	-124.18068949999997
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station

SAMOA ACCESS (Continued) **1016603917**

Highlights:	The property is adjacent to Humboldt Bay and has a long and varied industrial history. Former Use: The Louisiana Pacific Pulp mill was the prior owner of the property which is currently owned by the Humboldt Bay Harbor Recreation and Conservation District.
Datum:	North American Datum of 1983
Acres Property ID:	171121
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	9900
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96931601
Start Date:	07/26/2012
Ownership Entity:	Government
Completion Date:	11/22/2012
Current Owner:	Humboldt Bay Harbor District
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-

SAMOA ACCESS (Continued) **1016603917**

Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	67
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-

SAMOA ACCESS (Continued) **1016603917**

Indoor air media cleaned up: -
Unknown media cleaned up: -
Past Use: Multistory: Not reported
Property Description: The Louisiana Pacific Pulp mill was the prior owner of the property which is currently owned by the Humboldt Bay Harbor Recreation and Conservation District.
Below Poverty Number: 43
Below Poverty Percent: 19.55
Meidan Income: 2041
Meidan Income Number: 91
Meidan Income Percent: 41.36
Vacant Housing Number: 7
Vacant Housing Percent: 6.61
Unemployed Number: 10
Unemployed Percent: 4.55

FINDS:
Registry ID: 110059722279

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

H28 **SAMOA LOGDECK** **US BROWNFIELDS** **1016603918**
NNE **COOKHOUSE ROAD** **FINDS** **N/A**
1/4-1/2 **SAMOA, CA 95564**
0.365 mi.
1926 ft. **Site 2 of 2 in cluster H**

Relative: Higher
Actual: 22 ft.

US BROWNFIELDS:
Name: SAMOA LOGDECK
Address: COOKHOUSE ROAD
City,State,Zip: SAMOA, CA 95564
Recipient Name: Humboldt County
Grant Type: Assessment
Property Number: 401-031-058
Parcel size: 7.3
Latitude: 40.82
Longitude: -124.1801
HCM Label: Interpolation-Map
Map Scale: -
Point of Reference: Center of a Facility or Station
Highlights: The property is the former log deck assocated with a variety of historic lumber milling operations. Former Use: The property is a low lying piece of land adjacent to Humoboldt bay. It was used for the storage of logs waiting to be milled nearby. The property was owned by Simpson Timber Company. Prior to that it was owned by the Louisiana Pacific Corporation.
Datum: North American Datum of 1983
Acres Property ID: 171184
IC Data Access: -
Start Date: -
Redev Completition Date: -

SAMOA LOGDECK (Continued) **1016603918**

Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	3750
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96931601
Start Date:	01/23/2013
Ownership Entity:	Government
Completion Date:	03/18/2013
Current Owner:	Humboldt Bay Harbor Recreation and Conservation District
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y

SAMOA LOGDECK (Continued) **1016603918**

Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	7
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	The property is a low lying piece of land adjacent to Humoboldt bay. It was used for the storage of logs waiting to be milled nearby. The property was owned by Simpson Timber Company. Prior to that it was owned by the Louisiana Pacific Corporation.
Below Poverty Number:	43
Below Poverty Percent:	19.55

SAMOA LOGDECK (Continued) **1016603918**

Meidan Income:	2041
Meidan Income Number:	91
Meidan Income Percent:	41.36
Vacant Housing Number:	7
Vacant Housing Percent:	6.61
Unemployed Number:	10
Unemployed Percent:	4.55

FINDS:
Registry ID: 110059722297

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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29 **LOUISIANA PACIFIC / WASHINGTON** **LUST** **S110654152**
SSE **WASHINGTON ST., FOOT** **Cortese** **N/A**
1/4-1/2 **EUREKA, CA 95501**
0.416 mi.
2198 ft.

Relative:
Lower

Actual:
5 ft.

LUST:

Name:	LOUISIANA PACIFIC / WASHINGTON
Address:	WASHINGTON ST., FOOT
City,State,Zip:	EUREKA, CA 95501
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300302
Global Id:	T0602300302
Latitude:	40.7966686365674
Longitude:	-124.183984731264
Status:	Completed - Case Closed
Status Date:	05/06/1996
Case Worker:	ZZZ
RB Case Number:	1THU398
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12398
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0602300302
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H STREET, SUITE 100
City:	EUREKA
Email:	bstone@co.humboldt.ca.us
Phone Number:	Not reported

Global Id: T0602300302

LOUISIANA PACIFIC / WASHINGTON (Continued) **S110654152**

Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602300302
Action Type: Other
Date: 12/04/1991
Action: Leak Reported

Global Id: T0602300302
Action Type: RESPONSE
Date: 01/18/1996
Action: Request for Closure

Global Id: T0602300302
Action Type: ENFORCEMENT
Date: 05/06/1996
Action: Closure/No Further Action Letter - #12398.RACC

Global Id: T0602300302
Action Type: Other
Date: 12/04/1991
Action: Leak Stopped

Global Id: T0602300302
Action Type: Other
Date: 12/04/1991
Action: Leak Discovery

LUST:
Global Id: T0602300302
Status: Open - Case Begin Date
Status Date: 12/04/1991

Global Id: T0602300302
Status: Open - Site Assessment
Status Date: 12/27/1991

Global Id: T0602300302
Status: Open - Site Assessment
Status Date: 10/29/1992

Global Id: T0602300302
Status: Open - Remediation
Status Date: 05/05/1996

Global Id: T0602300302
Status: Open - Site Assessment
Status Date: 05/05/1996

Global Id: T0602300302

LOUISIANA PACIFIC / WASHINGTON (Continued) **S110654152**

Status: Open - Verification Monitoring
Status Date: 05/05/1996

Global Id: T0602300302
Status: Completed - Case Closed
Status Date: 05/06/1996

CORTESE:
Name: LOUISIANA PACIFIC / WASHINGTON
Address: WASHINGTON ST., FOOT
City,State,Zip: EUREKA, CA 95501
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300302
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

30
SSE
1/4-1/2
0.438 mi.
2310 ft.

L & M RENNER INC
1200 RAILROAD
EUREKA, CA 95501

DEED **S112885645**
HAZNET **N/A**
HWTS

Relative:
Lower

Actual:
5 ft.

DEED:
Name: UNOCAL TERMINAL (EUREKA)
Address: 1200 RAILROAD AVENUE
City,State,Zip: EUREKA, CA 95501
Envirostor ID: T0602300350
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - VERIFICATION MONITORING
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 05/22/2006
File Name: Geotracker Land Use/Deed Restrictions

HAZNET:
Name: L & M RENNER INC
Address: 1200 RAILROAD

L & M RENNER INC (Continued) **S112885645**

Address 2:	Not reported
City,State,Zip:	EUREKA, CA 955010000
Contact:	MIKE RENNER
Telephone:	7074431645
Mailing Name:	Not reported
Mailing Address:	PO BOX 4868
Year:	1997
Gepaid:	CAC001369048
TSD EPA ID:	CAD000088252
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H01 - Transfer Station
Tons:	0.2

Additional Info:

Year:	1997
Gen EPA ID:	CAC001369048
Shipment Date:	19971112
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971120
Manifest ID:	96794059
Trans EPA ID:	CAD980694103
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	L & M RENNER INC
Address:	1200 RAILROAD
Address 2:	Not reported
City,State,Zip:	EUREKA, CA 955010000
EPA ID:	CAC001369048
Inactive Date:	10/25/2000
Create Date:	10/31/1997
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	PO BOX 4868
Mailing Address 2:	Not reported
Mailing City,State,Zip:	EUREKA, CA 955020000

L & M RENNER INC (Continued) **S112885645**

Owner Name:	L & M RENNER INC
Owner Address:	PO BOX 4868
Owner Address 2:	Not reported
Owner City,State,Zip:	EUREKA, CA 955020000
Contact Name:	MIKE RENNER
Contact Address:	PO BOX 4868
Contact Address 2:	Not reported
City,State,Zip:	EUREKA, CA 955020000

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31 **SCHMIDBAUER LUMBER INC** **ENVIROSTOR** **S101480299**
SSE **FT OF CLARK** **VCP** **N/A**
1/4-1/2 **EUREKA, CA 95501** **CERS**
0.476 mi.
2511 ft.

Relative: **Lower**

Actual: **7 ft.**

ENVIROSTOR:

Name:	SCHMIDBAUER LUMBER INC
Address:	FT OF CLARK
City,State,Zip:	EUREKA, CA 95501
Facility ID:	12240068
Status:	Refer: RWQCB
Status Date:	07/27/2005
Site Code:	200794
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	16
NPL:	NO
Regulatory Agencies:	SMBRP, RWQCB 1 - North Coast
Lead Agency:	RWQCB 1 - North Coast
Program Manager:	Ryan Miya
Supervisor:	Denise Tsuji
Division Branch:	Cleanup Berkeley
Assembly:	02
Senate:	02
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	40.79650
Longitude:	-124.1809
APN:	003-072-04, 003-072-07, 00307204, 00307207
Past Use:	MANUFACTURING - LUMBER/WOOD PRODUCTS
Potential COC:	Pentachlorophenol
Confirmed COC:	Pentachlorophenol
Potential Description:	OTH, SOIL
Alias Name:	GEORGIA PACIFIC
Alias Type:	Alternate Name
Alias Name:	HAMMOND LUMBER
Alias Type:	Alternate Name
Alias Name:	NORRIS REDWOOD
Alias Type:	Alternate Name
Alias Name:	003-072-04
Alias Type:	APN
Alias Name:	003-072-07
Alias Type:	APN
Alias Name:	00307204
Alias Type:	APN
Alias Name:	00307207

SCHMIDBAUER LUMBER INC (Continued) **S101480299**

Alias Type: APN
Alias Name: 110033610064
Alias Type: EPA (FRS #)
Alias Name: 200794
Alias Type: Project Code (Site Code)
Alias Name: 12240068
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 07/16/1998
Comments: Revised Scope of Work, Schedule, and cost estimate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/19/1998
Comments: PCP-contaminated soil and groundwater was discovered. Soil concentrations were found as high as 16 milligrams per kilogram (mg/kg). Groundwater concentrations have been detected as high as 9.8 milligrams per liter (mg/L). Additional investigation is warranted to determine the extent of soil and groundwater contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/24/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 06/20/2005
Comments: DTSC submitted the 30-day VCA termination notification letter to Schmidbauer Lumber, Inc. pursuant to section 3.18 of the VCA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 07/27/2005
Comments: Official VCA termination letter issued to Schmidbauer Lumber, Inc.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 08/23/1996
Comments: VCA executed between DTSC and Schmidbauer Lumber for DTSC to oversee characterization and remediation activities onsite.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 07/14/1981
Comments: Not reported

Completed Area Name: PROJECT WIDE

SCHMIDBAUER LUMBER INC (Continued) **S101480299**

Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 12/11/1998
Comments: VCA amendment for Chapter 6.5 transition.

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: SCHMIDBAUER LUMBER INC
Address: FT OF CLARK
City,State,Zip: EUREKA, CA 95501
Facility ID: 12240068
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 16
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, RWQCB 1 - North Coast
Lead Agency: RWQCB 1 - North Coast
Lead Agency Description: RWQCB 1 - North Coast
Project Manager: Ryan Miya
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Site Code: 200794
Assembly: 02
Senate: 02
Special Programs Code: Voluntary Cleanup Program
Status: Refer: RWQCB
Status Date: 07/27/2005
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 40.79650 / -124.1809
APN: 003-072-04, 003-072-07, 00307204, 00307207
Past Use: MANUFACTURING - LUMBER/WOOD PRODUCTS
Potential COC: 30448
Confirmed COC: 30448
Potential Description: OTH, SOIL
Alias Name: GEORGIA PACIFIC
Alias Type: Alternate Name
Alias Name: HAMMOND LUMBER
Alias Type: Alternate Name
Alias Name: NORRIS REDWOOD
Alias Type: Alternate Name
Alias Name: 003-072-04
Alias Type: APN
Alias Name: 003-072-07
Alias Type: APN
Alias Name: 00307204
Alias Type: APN

SCHMIDBAUER LUMBER INC (Continued) **S101480299**

Alias Name: 00307207
Alias Type: APN
Alias Name: 110033610064
Alias Type: EPA (FRS #)
Alias Name: 200794
Alias Type: Project Code (Site Code)
Alias Name: 12240068
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 07/16/1998
Comments: Revised Scope of Work, Schedule, and cost estimate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/19/1998
Comments: PCP-contaminated soil and groundwater was discovered. Soil concentrations were found as high as 16 milligrams per kilogram (mg/kg). Groundwater concentrations have been detected as high as 9.8 milligrams per liter (mg/L). Additional investigation is warranted to determine the extent of soil and groundwater contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/24/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 06/20/2005
Comments: DTSC submitted the 30-day VCA termination notification letter to Schmidbauer Lumber, Inc. pursuant to section 3.18 of the VCA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 07/27/2005
Comments: Official VCA termination letter issued to Schmidbauer Lumber, Inc.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 08/23/1996
Comments: VCA executed between DTSC and Schmidbauer Lumber for DTSC to oversee characterization and remediation activities onsite.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 07/14/1981
Comments: Not reported

SCHMIDBAUER LUMBER INC (Continued) **S101480299**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Amendment - Order/Agreement
Completed Date:	12/11/1998
Comments:	VCA amendment for Chapter 6.5 transition.
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

CERS:

Name:	SCHMIDBAUER LUMBER
Address:	FT OF CLARK
City,State,Zip:	EUREKA, CA 95501
Site ID:	492984
CERS ID:	110033610064
CERS Description:	US EPA Air Emission Inventory System (EIS)

I32 **WASHINGTON CARDLOCK** **LUST** **S101294810**
SE **910 WASHINGTON, WEST** **Cortese** **N/A**
1/4-1/2 **EUREKA, CA 95501** **HIST CORTESE**
0.485 mi.
2560 ft. **Site 1 of 2 in cluster I**

Relative: **Lower**

Actual: **7 ft.**

LUST:

Name:	WASHINGTON CARDLOCK
Address:	910 WASHINGTON, WEST
City,State,Zip:	EUREKA, CA 95501
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300185
Global Id:	T0602300185
Latitude:	40.7987391185362
Longitude:	-124.180123088659
Status:	Completed - Case Closed
Status Date:	05/02/2006
Case Worker:	ZZZ
RB Case Number:	1THU250
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12250
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300185
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H STREET, SUITE 100
City:	EUREKA

WASHINGTON CARDLOCK (Continued) **S101294810**

Email: bstone@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602300185
Contact Type: Regional Board Caseworker
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602300185
Action Type: ENFORCEMENT
Date: 05/02/2006
Action: Closure/No Further Action Letter

Global Id: T0602300185
Action Type: Other
Date: 04/02/1990
Action: Leak Reported

Global Id: T0602300185
Action Type: ENFORCEMENT
Date: 09/01/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0602300185
Action Type: RESPONSE
Date: 03/18/2005
Action: Monitoring Report - Quarterly

Global Id: T0602300185
Action Type: ENFORCEMENT
Date: 05/01/2006
Action: Staff Letter

Global Id: T0602300185
Action Type: ENFORCEMENT
Date: 04/13/2004
Action: Staff Letter

Global Id: T0602300185
Action Type: ENFORCEMENT
Date: 10/05/2004
Action: Staff Letter

Global Id: T0602300185
Action Type: ENFORCEMENT
Date: 03/30/2005
Action: Staff Letter

Global Id: T0602300185
Action Type: ENFORCEMENT
Date: 04/21/2005
Action: Technical Correspondence / Assistance / Other

WASHINGTON CARDLOCK (Continued) **S101294810**

Global Id: T0602300185
Action Type: ENFORCEMENT
Date: 04/26/2005
Action: Staff Letter

Global Id: T0602300185
Action Type: ENFORCEMENT
Date: 05/01/2006
Action: Closure Summary - #12250.CCS

Global Id: T0602300185
Action Type: Other
Date: 04/02/1990
Action: Leak Stopped

Global Id: T0602300185
Action Type: ENFORCEMENT
Date: 03/24/2004
Action: Staff Letter

Global Id: T0602300185
Action Type: ENFORCEMENT
Date: 12/17/2003
Action: Staff Letter

Global Id: T0602300185
Action Type: ENFORCEMENT
Date: 04/13/1990
Action: * Historical Enforcement

Global Id: T0602300185
Action Type: Other
Date: 04/02/1990
Action: Leak Discovery

LUST:
Global Id: T0602300185
Status: Open - Case Begin Date
Status Date: 04/02/1990

Global Id: T0602300185
Status: Open - Site Assessment
Status Date: 04/13/1990

Global Id: T0602300185
Status: Open - Site Assessment
Status Date: 06/03/2003

Global Id: T0602300185
Status: Open - Site Assessment
Status Date: 07/15/2003

Global Id: T0602300185
Status: Open - Site Assessment
Status Date: 09/24/2003

Global Id: T0602300185

WASHINGTON CARDLOCK (Continued) **S101294810**

Status: Open - Site Assessment
Status Date: 12/17/2003

Global Id: T0602300185
Status: Open - Site Assessment
Status Date: 03/24/2004

Global Id: T0602300185
Status: Open - Site Assessment
Status Date: 04/13/2004

Global Id: T0602300185
Status: Open - Site Assessment
Status Date: 09/01/2004

Global Id: T0602300185
Status: Open - Remediation
Status Date: 10/05/2004

Global Id: T0602300185
Status: Open - Verification Monitoring
Status Date: 10/05/2004

Global Id: T0602300185
Status: Open - Verification Monitoring
Status Date: 03/30/2005

Global Id: T0602300185
Status: Open - Site Assessment
Status Date: 04/26/2005

Global Id: T0602300185
Status: Open - Site Assessment
Status Date: 05/01/2006

Global Id: T0602300185
Status: Completed - Case Closed
Status Date: 05/02/2006

LUST REG 1:
Region: 1
Facility ID: 1THU250
Staff Initials: HUM

CORTESE:
Name: WASHINGTON CARDLOCK
Address: 910 WASHINGTON, WEST
City,State,Zip: EUREKA, CA 95501
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0602300185
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported

WASHINGTON CARDLOCK (Continued) **S101294810**

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:	WASHINGTON CARDLOCK
edr_fadd1:	910 WASHINGTON
City,State,Zip:	EUREKA, CA 95501
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU250

I33 **Notify 65** **S100179373**
SSE **WASHINGTON & KOSTER STS** **N/A**
1/4-1/2 **EUREKA, CA 93920**
0.494 mi.
2610 ft. **Site 2 of 2 in cluster I**

Relative: NOTIFY 65:
Lower

Name:	Not reported
Address:	WASHINGTON & KOSTER STS
City,State,Zip:	EUREKA, CA 93920
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

Actual:
7 ft.

---

34 **VAN DE NOR LUMBER SALES** **ENVIROSTOR** **S101480301**
SSE **FT OF CLARK** **N/A**
1/2-1 **EUREKA, CA 95501**
0.559 mi.
2952 ft.

Relative: ENVIROSTOR:
Lower

Name:	VAN DE NOR LUMBER SALES
Address:	FT OF CLARK
City,State,Zip:	EUREKA, CA 95501
Facility ID:	12240085
Status:	Refer: RWQCB

Actual:
8 ft.

VAN DE NOR LUMBER SALES (Continued) **S101480301**

Status Date: 06/10/1994
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 40.79667
Longitude: -124.1801
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 12240085
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: 06/26/1987
Comments: SITE SCREENING DONE NO FILE FOUND

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 07/15/1981
Comments: FACILITY IDENTIFIED IDENTIFIED FROM TELEPHONE DIRECTORY

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

J35 **PG AND E GAS PLANT EUREKA** **EDR MGP** **1008407677**
SSE **S SIDE 14TH ST W AND E RR AVE** **N/A**
1/2-1 **EUREKA, CA 95501**
0.568 mi.
3001 ft. **Site 1 of 2 in cluster J**

Relative: Manufactured Gas Plants:
Lower RAILROAD STREET AND GENEVA

Actual:
6 ft.

J36 **PG&E EUREKA 1** **RESPONSE** **S100180356**
SSE **RAILROAD STREET AND GENEVA** **ENVIROSTOR** **N/A**
1/2-1 **EUREKA, CA 95501**
0.571 mi.
3016 ft. **Site 2 of 2 in cluster J**

Relative: RESPONSE:
Lower

Actual:
6 ft.

Name:	PG&E EUREKA 1
Address:	RAILROAD STREET AND GENEVA
City,State,Zip:	EUREKA, CA 95501
Facility ID:	12490001
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	Not reported
National Priorities List:	NO
Cleanup Oversight Agencies:	RWQCB 1 - North Coast
Lead Agency Description:	RWQCB 1 - North Coast
Project Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Site Code:	200256
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	01
Senate:	Not reported
Special Program Status:	* Town Gas
Status:	Refer: RWQCB
Status Date:	03/15/1995
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	40.79375
Longitude:	-124.1851
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC :	* CONTAMINATED SOIL * UNSPECIFIED OIL CONTAINING WASTE Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	PG&E EUREKA #1
Alias Type:	Alternate Name
Alias Name:	TOWN GAS PLANT - EUREKA #1
Alias Type:	Alternate Name
Alias Name:	110033610910
Alias Type:	EPA (FRS #)
Alias Name:	200256
Alias Type:	Project Code (Site Code)
Alias Name:	12490001
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE

PG&E EUREKA 1 (Continued) **S100180356**

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/12/1991
Comments: PG&E IS CONDUCTING A PRELIMINARY EN- DANGERMENT ASSESSMENT (PEA)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/18/1987
Comments: SITE SCREENING DONE SITE USE TO BE PART OF A MANUFACTURED GAS PLANT. TAR-LIKE MATERIAL FOUND. ANALYSIS SHOW PNA'S (2800 PPM). SITE ON CERCLIS.

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: PG&E EUREKA 1
Address: RAILROAD STREET AND GENEVA
City,State,Zip: EUREKA, CA 95501
Facility ID: 12490001
Status: Refer: RWQCB
Status Date: 03/15/1995
Site Code: 200256
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: Not reported
NPL: NO
Regulatory Agencies: RWQCB 1 - North Coast
Lead Agency: RWQCB 1 - North Coast
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 01
Senate: Not reported
Special Program: * Town Gas
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 40.79375
Longitude: -124.1851
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * CONTAMINATED SOIL * UNSPECIFIED OIL CONTAINING WASTE Lead
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: PG&E EUREKA #1
Alias Type: Alternate Name
Alias Name: TOWN GAS PLANT - EUREKA #1
Alias Type: Alternate Name

PG&E EUREKA 1 (Continued) **S100180356**

Alias Name: 110033610910
Alias Type: EPA (FRS #)
Alias Name: 200256
Alias Type: Project Code (Site Code)
Alias Name: 12490001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/12/1991
Comments: PG&E IS CONDUCTING A PRELIMINARY EN- DANGERMENT ASSESSMENT (PEA)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/18/1987
Comments: SITE SCREENING DONE SITE USE TO BE PART OF A MANUFACTURED GAS PLANT. TAR-LIKE MATERIAL FOUND. ANALYSIS SHOW PNA'S (2800 PPM). SITE ON CERCLIS.

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

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37 **EUREKA SOUTHERN** **Notify 65** **S100179372**
SE **FOURTH AND BROADWAY** **N/A**
1/2-1 **EUREKA, CA 93920**
0.636 mi.
3360 ft.

Relative:
Lower

Actual:
7 ft.

NOTIFY 65:
Name: EUREKA SOUTHERN
Address: FOURTH AND BROADWAY
City,State,Zip: EUREKA, CA 93920
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

38
ESE
1/2-1
0.667 mi.
3521 ft.

NWP RAILROAD YARD
BROADWAY AND THIRD STREET
EUREKA, CA 95501

ENVIROSTOR **S100204259**
N/A

Relative:
Lower

Actual:
6 ft.

ENVIROSTOR:

Name:	NWP RAILROAD YARD
Address:	BROADWAY AND THIRD STREET
City,State,Zip:	EUREKA, CA 95501
Facility ID:	12400001
Status:	Refer: RWQCB
Status Date:	05/13/1991
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	02
Senate:	02
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	40.80222
Longitude:	-124.1747
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HYDROCARBON SOLVENTS * ORGANIC SOLIDS WITH HALOGENS * CONTAMINATED SOIL * WASTE OIL & MIXED OIL * ORGANIC LIQUIDS (NONSOLVENTS) WITH HALOGENS
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	12400001
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:	05/13/1991
Comments:	Site screening completed. The NWP RR yard is located on approximately 33 acres of a filled-in salt marsh. A small fresh water marsh covers a portion of the site. Soil and groundwater sampling have identified significant contamination consisting of oil and grease, petroleum hydrocarbons, and small amounts of solvents. Portions of the site are still being used by Eureka Southern Railroad for repairs. PCBs not tested for.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	01/13/1989
Comments:	Referred by County of Humboldt

NWP RAILROAD YARD (Continued) **S100204259**

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

39
SE
1/2-1
0.679 mi.
3585 ft.

A. LEVY & J. ZENTNER COMPANY
410 BROADWAY
EUREKA, CA 93920

HIST CORTESE **U000069324**
Notify 65 **N/A**

Relative:
Lower

Actual:
8 ft.

HIST CORTESE:

edr_fname:	LEVY, A. & ZENTNER, J. CO
edr_fadd1:	410 BROADWAY
City,State,Zip:	EUREKA, CA 95501
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU061

NOTIFY 65:

Name:	A. LEVY & J. ZENTNER COMPANY
Address:	410 BROADWAY
City,State,Zip:	EUREKA, CA 93920
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

40
ESE
1/2-1
0.716 mi.
3779 ft.

R. E. DAVENPORT
34 W. WATERFRONT
EUREKA, CA 95501

ENVIROSTOR **S101480308**
N/A

Relative:
Lower

Actual:
5 ft.

ENVIROSTOR:

Name:	R. E. DAVENPORT
Address:	34 W. WATERFRONT
City,State,Zip:	EUREKA, CA 95501
Facility ID:	12760001
Status:	Refer: RWQCB
Status Date:	01/03/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported

R. E. DAVENPORT (Continued) **S101480308**

NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	02
Senate:	02
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	40.80462
Longitude:	-124.1731
APN:	00101206
Past Use:	NONE SPECIFIED
Potential COC:	* CONTAMINATED SOIL * WASTE OIL & MIXED OIL
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	00101206
Alias Type:	APN
Alias Name:	12760001
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:	01/03/1994
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

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41 **SOUTHERN PACIFIC TRANS CO.** **LUST** **S101294817**
SE **736 BROADWAY** **Cortese** **N/A**
1/2-1 **EUREKA, CA 95501** **HIST CORTESE**
0.726 mi. **Notify 65**
3832 ft.

Relative:
Lower

Actual:
10 ft.

LUST:

Name:	SOUTHERN PACIFIC TRANS CO.
Address:	736 BROADWAY
City,State,Zip:	EUREKA, CA 95501
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300058
Global Id:	T0602300058
Latitude:	40.798997748
Longitude:	-124.1753036
Status:	Completed - Case Closed

SOUTHERN PACIFIC TRANS CO. (Continued) **S101294817**

Status Date: 12/12/2012
Case Worker: ZZZ
RB Case Number: 1THU064
Local Agency: HUMBOLDT COUNTY LOP
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: All investigative data, regulatory and cleanup activities for this site are being managed under the Site Cleanup Program, with staff oversight costs funded under a Cost Recovery Program agreement. Additional site information and reports for this site can be found under Case Number: 1NHU064.

LUST:
Global Id: T0602300058
Contact Type: Local Agency Caseworker
Contact Name: Mark Verhey
Organization Name: HUMBOLDT COUNTY LOP
Address: 100 H Street, Suite 100
City: Eureka
Email: mverhey@co.humboldt.ca.us
Phone Number: Not reported

Global Id: T0602300058
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: 7075762220

LUST:
Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 05/09/2001
Action: Clean-up and Abatement Order - #R1-2001-26

Global Id: T0602300058
Action Type: Other
Date: 12/14/1988
Action: Leak Reported

Global Id: T0602300058
Action Type: RESPONSE
Date: 01/31/2002
Action: Interim Remedial Action Plan

Global Id: T0602300058
Action Type: RESPONSE
Date: 10/01/2002
Action: Interim Remedial Action Report

Global Id: T0602300058
Action Type: RESPONSE
Date: 11/15/2003

SOUTHERN PACIFIC TRANS CO. (Continued) **S101294817**

Action: Monitoring Report - Quarterly

Global Id: T0602300058
Action Type: RESPONSE
Date: 05/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0602300058
Action Type: RESPONSE
Date: 07/26/2002
Action: Other Report / Document

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 05/28/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 06/02/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 12/09/2008
Action: File review

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 05/07/2012
Action: Staff Letter

Global Id: T0602300058
Action Type: Other
Date: 12/14/1988
Action: Leak Stopped

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 07/22/2002
Action: 13267 Monitoring Program - #R1-2002-0082

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 12/11/2003
Action: File review

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 05/08/2003
Action: File review

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 10/07/2003
Action: Staff Letter

SOUTHERN PACIFIC TRANS CO. (Continued) **S101294817**

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 08/20/2002
Action: Staff Letter

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 01/03/2003
Action: File review

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 02/13/2003
Action: File review

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 03/23/2003
Action: File review

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 12/05/2002
Action: File review

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 02/12/2003
Action: File review

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 07/22/2002
Action: Staff Letter

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 10/11/1988
Action: Notification - Proposition 65

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 11/01/2002
Action: Staff Letter

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 08/04/2002
Action: File review

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 12/01/2002
Action: File review

Global Id: T0602300058
Action Type: ENFORCEMENT

SOUTHERN PACIFIC TRANS CO. (Continued) **S101294817**

Date: 04/23/2003
Action: File review

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 10/26/2002
Action: File review

Global Id: T0602300058
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0602300058
Action Type: RESPONSE
Date: 02/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0602300058
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0602300058
Action Type: RESPONSE
Date: 12/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0602300058
Action Type: RESPONSE
Date: 11/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0602300058
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0602300058
Action Type: RESPONSE
Date: 05/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0602300058
Action Type: RESPONSE
Date: 06/15/2001
Action: Other Workplan

Global Id: T0602300058
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0602300058
Action Type: RESPONSE
Date: 03/15/2003
Action: Monitoring Report - Quarterly

SOUTHERN PACIFIC TRANS CO. (Continued) **S101294817**

Global Id: T0602300058
Action Type: RESPONSE
Date: 11/16/2002
Action: Monitoring Report - Quarterly

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 10/31/2001
Action: * Historical Enforcement

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 05/20/2003
Action: Staff Letter

Global Id: T0602300058
Action Type: ENFORCEMENT
Date: 01/10/2002
Action: File review

Global Id: T0602300058
Action Type: Other
Date: 12/14/1988
Action: Leak Discovery

Global Id: T0602300058
Action Type: RESPONSE
Date: 06/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0602300058
Action Type: RESPONSE
Date: 12/20/2003
Action: Other Report / Document

Global Id: T0602300058
Action Type: RESPONSE
Date: 09/15/2001
Action: Interim Remedial Action Plan

Global Id: T0602300058
Action Type: RESPONSE
Date: 05/15/2003
Action: Other Report / Document

Global Id: T0602300058
Action Type: RESPONSE
Date: 06/15/2003
Action: Other Report / Document

Global Id: T0602300058
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0602300058

SOUTHERN PACIFIC TRANS CO. (Continued) **S101294817**

Status: Open - Case Begin Date
Status Date: 10/11/1988

Global Id: T0602300058
Status: Open - Site Assessment
Status Date: 10/11/1988

Global Id: T0602300058
Status: Open - Site Assessment
Status Date: 10/06/1989

Global Id: T0602300058
Status: Open - Site Assessment
Status Date: 05/26/1992

Global Id: T0602300058
Status: Open - Site Assessment
Status Date: 08/21/1992

Global Id: T0602300058
Status: Open - Verification Monitoring
Status Date: 04/09/2002

Global Id: T0602300058
Status: Open - Verification Monitoring
Status Date: 02/13/2003

Global Id: T0602300058
Status: Open - Site Assessment
Status Date: 04/30/2003

Global Id: T0602300058
Status: Open - Site Assessment
Status Date: 05/08/2003

Global Id: T0602300058
Status: Open - Site Assessment
Status Date: 05/20/2003

Global Id: T0602300058
Status: Open - Verification Monitoring
Status Date: 05/21/2003

Global Id: T0602300058
Status: Open - Verification Monitoring
Status Date: 06/30/2003

Global Id: T0602300058
Status: Completed - Case Closed
Status Date: 12/12/2012

LUST REG 1:
Region: 1
Facility ID: 1THU064
Staff Initials: LMB

SOUTHERN PACIFIC TRANS CO. (Continued) **S101294817**

CORTESE:

Name:	SOUTHERN PACIFIC TRANS CO.
Address:	736 BROADWAY
City,State,Zip:	EUREKA, CA 95501
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0602300058
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:	SOUTHERN PACIFIC TRANS CO
edr_fadd1:	736 BROADWAY
City,State,Zip:	EUREKA, CA 95501
Region:	CORTESE
Facility County Code:	12
Reg By:	LTNKA
Reg Id:	1THU064

NOTIFY 65:

Name:	SOUTHERN PACIFIC TRANS CO.
Address:	736 BROADWAY
City,State,Zip:	EUREKA, CA 95501
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	10/11/1988
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

42
SE
1/2-1
0.727 mi.
3839 ft.

PIERCE, E. W. COMPANY
940 BROADWAY
EUREKA, CA 95501

LUST **S100179134**
Notify 65 **N/A**

Relative:
Lower

Actual:
11 ft.

LUST:

Name:	PIERCE, E. W. COMPANY
Address:	940 BROADWAY
City,State,Zip:	EUREKA, CA 95501
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602300103
Global Id:	T0602300103
Latitude:	40.7974634653423
Longitude:	-124.175768393485
Status:	Completed - Case Closed
Status Date:	12/19/1996
Case Worker:	ZZZ
RB Case Number:	1THU112
Local Agency:	HUMBOLDT COUNTY LOP
File Location:	Not reported
Local Case Number:	12112
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602300103
Contact Type:	Local Agency Caseworker
Contact Name:	BOB STONE
Organization Name:	HUMBOLDT COUNTY LOP
Address:	100 H STREET, SUITE 100
City:	EUREKA
Email:	bstone@co.humboldt.ca.us
Phone Number:	Not reported

Global Id:	T0602300103
Contact Type:	Regional Board Caseworker
Contact Name:	HUMBOLDT COUNTY LOP CLOSED SITE
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602300103
Action Type:	Other
Date:	06/22/1989
Action:	Leak Reported

Global Id:	T0602300103
Action Type:	ENFORCEMENT
Date:	12/19/1996
Action:	* Historical Enforcement

Global Id:	T0602300103
Action Type:	RESPONSE

PIERCE, E. W. COMPANY (Continued) **S100179134**

Date: 03/20/1996
Action: Request for Closure

Global Id: T0602300103
Action Type: Other
Date: 06/22/1989
Action: Leak Stopped

Global Id: T0602300103
Action Type: ENFORCEMENT
Date: 12/18/1996
Action: Closure/No Further Action Letter - #12112.RACC

Global Id: T0602300103
Action Type: ENFORCEMENT
Date: 12/19/1996
Action: Closure Summary - #12112.CCS

Global Id: T0602300103
Action Type: Other
Date: 06/22/1989
Action: Leak Discovery

LUST:
Global Id: T0602300103
Status: Open - Case Begin Date
Status Date: 06/22/1989

Global Id: T0602300103
Status: Open - Site Assessment
Status Date: 06/22/1989

Global Id: T0602300103
Status: Open - Site Assessment
Status Date: 08/17/1989

Global Id: T0602300103
Status: Open - Site Assessment
Status Date: 09/27/1989

Global Id: T0602300103
Status: Open - Remediation
Status Date: 12/18/1996

Global Id: T0602300103
Status: Open - Site Assessment
Status Date: 12/18/1996

Global Id: T0602300103
Status: Open - Verification Monitoring
Status Date: 12/18/1996

Global Id: T0602300103
Status: Completed - Case Closed
Status Date: 12/19/1996

PIERCE, E. W. COMPANY (Continued) **S100179134**

NOTIFY 65:
Name: E.W. PIERCE CO.
Address: 940 BROADWAY
City,State,Zip: EUREKA, CA 93920
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

43
SSW
1/2-1
0.768 mi.
4056 ft.

SIMPSON PAPER COMPANY
FAIRHAVEN PULP MILL
FARIHAVEN, CA

Notify 65 **S100179761**
N/A

Relative:
Higher

Actual:
25 ft.

NOTIFY 65:
Name: SIMPSON PAPER COMPANY
Address: FAIRHAVEN PULP MILL
City,State,Zip: FARIHAVEN, CA
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

44
South
1/2-1
0.773 mi.
4082 ft.

SIMPSON PLYWOOD MILL (OLD)
DEL NORTE STREET&RAILROAD
EUREKA, CA 93920

Notify 65 **S100179317**
N/A

Relative:
Lower

Actual:
5 ft.

NOTIFY 65:
Name: SIMPSON PLYWOOD MILL (OLD)
Address: DEL NORTE STREET&RAILROAD
City,State,Zip: EUREKA, CA 93920
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

Count: 11 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EUREKA	S126983079	INDIAN ISLAND IDS (2136)	INDIAN ISLAND - NORTHERN HUMBO	95501	SWF/LF
EUREKA	1003879710	VICTORIA GARDENS	NORTH OF SAMOA BRIDGE	95501	SEMS-ARCHIVE
EUREKA	1000368649	SIERRA PACIFIC INDUSTRIES	SAMOA RD	95501	ENVIROSTOR
EUREKA	1012008241	PG&E EUREKA 3	2ND/3RD/G/H STREETS	95501	EDR MGP
EUREKA	S126983049	HUMBOLDT COUNTY TRANSFER STATION/D	WATERFRONT AND WASHINGTON	95521	SWF/LF
FAIRHAVEN	S101316133	SIMPSON PAPER COMPANY	SAMOA BOULEVARD	95564	CPS-SLIC
FAIRHAVEN	S101316084	OLD PLYWOOD MILL - FAIRHAVEN	SAMOA BOULEVARD	95564	CPS-SLIC
SAMOA	1016170556	SAMOA PULP MILL	1 TCF DRIVE NORTH SPIT OF HUMB	95564	SEMS, PRP
SAMOA	1026164151	REDWOOD MARINE TERMINAL II	364 VANCE AVE	95564	RCRA NonGen / NLR
SAMOA	S126100948	REDWOOD MARINE TERMINAL II	364 VANCE AVENUE	95564	HWTS
SAMOA	1026043984	REDWOOD MARINE TERMINAL II	364 VANCE AVENUE	95564	RCRA NonGen / NLR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly 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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/24/2022
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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 07/12/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 77

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 03/06/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/19/2021
Next Scheduled EDR Contact: 03/07/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

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

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an 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: 08/09/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 87

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/09/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

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

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 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST 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 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 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

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

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

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: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

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

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/30/2021
Number of Days to Update: 84
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 08/18/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/03/2021
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
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: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
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: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

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

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: 09/20/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 12

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

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

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

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

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2021
Next Scheduled EDR Contact: 02/07/2022
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: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: 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: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

CERS HAZ WASTE: 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: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

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

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Quarterly

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 12/01/2019
Date Data Arrived at EDR: 08/19/2021
Date Made Active in Reports: 10/28/2021
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

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

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

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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/31/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

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

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

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

Local Land Records

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

Date of Government Version: 08/25/2021
Date Data Arrived at EDR: 09/03/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
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: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: 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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 08/17/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 66

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
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: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 07/19/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 40
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
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: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
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: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
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: 12/02/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

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

Date of Government Version: 09/13/2019
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: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

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

Date of Government Version: 07/01/2019
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: 09/27/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
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: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/09/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

Date of Government Version: 08/09/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 91

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/26/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
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: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
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: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 70

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
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: 09/20/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/19/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/18/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/24/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

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: 12/20/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/16/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/04/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 84

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 87

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

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

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

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 87

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/05/2021
Date Made Active in Reports: 12/22/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/09/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/12/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
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: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
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: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
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: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

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: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

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: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/01/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 75

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 42

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

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

Date of Government Version: 07/20/2021
Date Data Arrived at EDR: 07/20/2021
Date Made Active in Reports: 10/11/2021
Number of Days to Update: 83

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 07/23/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 77

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/09/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 86

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/21/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 56

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 6

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 12/22/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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

Source: N/A
Telephone: N/A
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

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

Date of Government Version: 07/08/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 04/21/2021
Number of Days to Update: 5
Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/14/2021
Number of Days to Update: 89
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021
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: 10/15/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
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: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
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: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
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: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
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: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

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

Date of Government Version: 09/22/2021
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: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 06/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/23/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 1

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

NAPA COUNTY:

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

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/28/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85
Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

ORANGE COUNTY:

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

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Annually

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

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 07/29/2021
Date Made Active in Reports: 10/19/2021
Number of Days to Update: 82
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

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

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/09/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 81
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64
Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

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

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 75
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 76
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

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

Date of Government Version: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/28/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 08/02/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/02/2021
Number of Days to Update: 90
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

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

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

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

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
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: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/31/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

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

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 08/11/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 89

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

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

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

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

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/04/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 02/27/2022
Data Release Frequency: Varies

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

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

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

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Annually

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: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SOLANO COUNTY:

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

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

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

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/17/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 78

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/14/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
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: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

VENTURA COUNTY:

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

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 81

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: No Update Planned

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

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

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 80

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/23/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 78

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/20/2021
Date Data Arrived at EDR: 07/20/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 80

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/23/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 90

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
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: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/07/2022
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: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/06/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SAMOA - REDWOOD MARINE TERMINAL 1- SOUTH
VANCE AVE
SAMOA, CA 95564

TARGET PROPERTY COORDINATES

Latitude (North):	40.809628 - 40ˆ 48’ 34.66’’
Longitude (West):	124.190677 - 124ˆ 11’ 26.44’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	399570.9
UTM Y (Meters):	4518095.0
Elevation:	17 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12014188 EUREKA, CA
Version Date:	2018

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

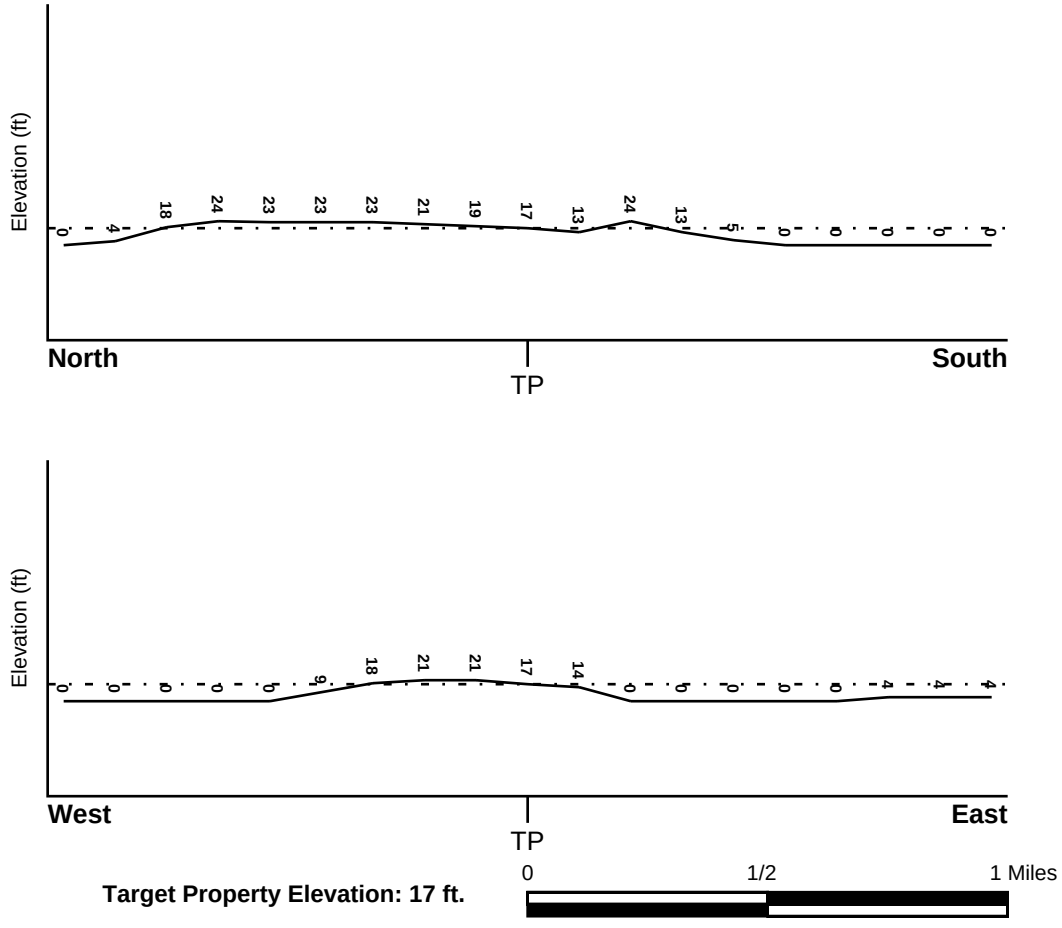
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 17 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
0600600775C	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
0600620005C	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
EUREKA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	DUNE LAND
Soil Surface Texture:	sand
Hydrologic Group:	Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 0.00 Min: 0.00
2	6 inches	60 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sand
gravelly - coarse sand
silty clay loam

Surficial Soil Types: fine sand
gravelly - coarse sand
silty clay loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: coarse sand
fine sand
stratified
clay

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
39	CA1200788	1/2 - 1 Mile NNE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

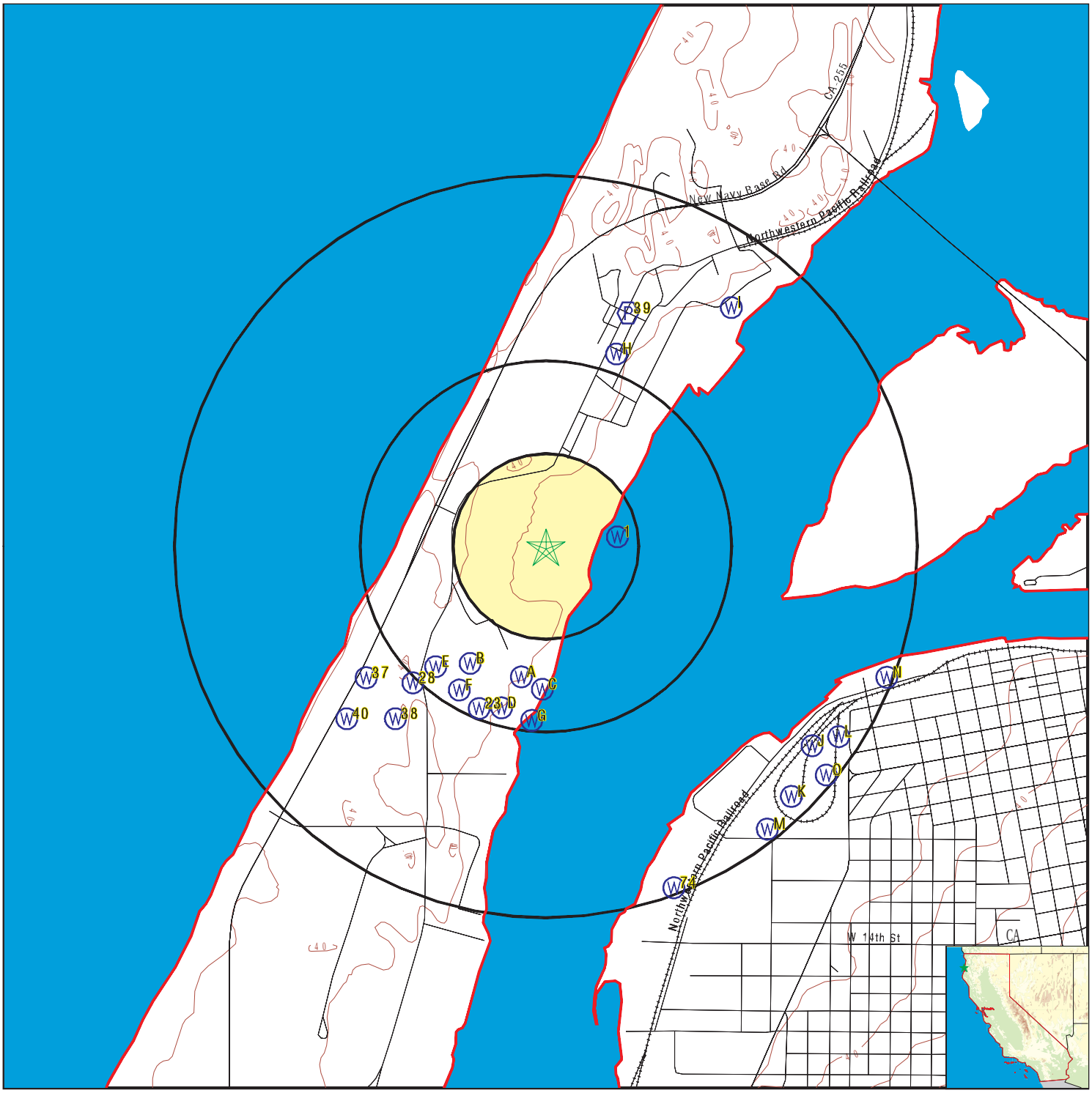
MAP ID	WELL ID	LOCATION FROM TP
1	CADWR0000027600	1/8 - 1/4 Mile East
A2	CAEDF0000035887	1/4 - 1/2 Mile SSW
B3	CAEDF0000024297	1/4 - 1/2 Mile SW
B4	CAEDF0000096778	1/4 - 1/2 Mile SSW
B5	CAEDF0000024289	1/4 - 1/2 Mile SSW
A6	CAEDF0000050070	1/4 - 1/2 Mile South
A7	CAEDF0000082198	1/4 - 1/2 Mile SSW
C8	CAEDF0000036188	1/4 - 1/2 Mile South
C9	CAEDF0000113554	1/4 - 1/2 Mile South
B10	CAEDF0000111145	1/4 - 1/2 Mile SSW
B11	CAEDF0000113477	1/4 - 1/2 Mile SW
D12	CAEDF0000092319	1/4 - 1/2 Mile SSW
E13	CAEDF0000018769	1/4 - 1/2 Mile SW
F14	CAEDF0000097907	1/4 - 1/2 Mile SW
F15	CAEDF0000056591	1/4 - 1/2 Mile SSW
E16	CAEDF0000038188	1/4 - 1/2 Mile SW
F17	CAEDF0000058896	1/4 - 1/2 Mile SSW
E18	CAEDF0000127222	1/4 - 1/2 Mile SW
D19	CAEDF0000096577	1/4 - 1/2 Mile South
F20	CAEDF0000019398	1/4 - 1/2 Mile SSW
G21	CAEDF0000132172	1/4 - 1/2 Mile South
D22	CAEDF0000124398	1/4 - 1/2 Mile SSW
23	CAEDF0000063066	1/4 - 1/2 Mile SSW
G24	CAEDF0000139629	1/4 - 1/2 Mile South
G25	CAEDF0000017633	1/4 - 1/2 Mile South
D26	CAEDF0000038942	1/4 - 1/2 Mile SSW
F27	CAEDF0000083276	1/4 - 1/2 Mile SSW
28	CAEDF0000070035	1/2 - 1 Mile SW
H29	CAEDF0000073192	1/2 - 1 Mile NNE
H30	CAEDF0000022810	1/2 - 1 Mile NNE
H31	CAEDF0000111178	1/2 - 1 Mile NNE
H32	CAEDF0000104479	1/2 - 1 Mile NNE
H33	CAEDF0000134987	1/2 - 1 Mile NNE
H34	CAEDF0000053953	1/2 - 1 Mile NNE
H35	CAEDF0000118261	1/2 - 1 Mile NNE
H36	CAEDF0000058427	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
37	CAEDF0000103444	1/2 - 1 Mile SW
38	CAEDF0000103823	1/2 - 1 Mile SW
40	CAEDF0000086177	1/2 - 1 Mile SW
I41	CAEDF0000138903	1/2 - 1 Mile NE
I42	CAEDF0000013511	1/2 - 1 Mile NE
I43	CAEDF0000046626	1/2 - 1 Mile NE
I44	CAEDF0000020958	1/2 - 1 Mile NE
J45	CAEDF0000127934	1/2 - 1 Mile SE
J46	CAEDF0000043209	1/2 - 1 Mile SE
J47	CAEDF0000061114	1/2 - 1 Mile SE
J48	CAEDF0000101372	1/2 - 1 Mile SE
J49	CAEDF0000000303	1/2 - 1 Mile SE
J50	CAEDF0000007307	1/2 - 1 Mile SE
J51	CAEDF0000067124	1/2 - 1 Mile SE
K52	CAEDF0000133517	1/2 - 1 Mile SE
J53	CAEDF0000057793	1/2 - 1 Mile SE
J54	CAEDF0000077380	1/2 - 1 Mile SE
L55	CAEDF0000123619	1/2 - 1 Mile SE
L56	CAEDF0000136819	1/2 - 1 Mile ESE
M57	CAEDF0000061341	1/2 - 1 Mile SE
M58	CAEDF0000043289	1/2 - 1 Mile SE
M59	CAEDF0000011341	1/2 - 1 Mile SE
L60	CAEDF0000092276	1/2 - 1 Mile SE
M61	CAEDF0000080843	1/2 - 1 Mile SE
M62	CAEDF0000042140	1/2 - 1 Mile SE
K63	CAEDF0000057710	1/2 - 1 Mile SE
K64	CAEDF0000031552	1/2 - 1 Mile SE
N65	CAEDF0000073353	1/2 - 1 Mile ESE
O66	CAEDF0000051815	1/2 - 1 Mile SE
O67	CAEDF0000078777	1/2 - 1 Mile SE
O68	CAEDF0000134328	1/2 - 1 Mile SE
N69	CAEDF0000107794	1/2 - 1 Mile ESE
O70	CAEDF0000072248	1/2 - 1 Mile SE
N71	CAEDF0000043290	1/2 - 1 Mile ESE
M72	CAEDF0000132862	1/2 - 1 Mile SE
M73	CAEDF0000142588	1/2 - 1 Mile SE
74	CAEDF0000130646	1/2 - 1 Mile SSE
M75	CAEDF0000046755	1/2 - 1 Mile SE
M76	CAEDF0000000393	1/2 - 1 Mile SE
M77	CAEDF0000092202	1/2 - 1 Mile SE
M78	CAEDF0000128669	1/2 - 1 Mile SE
N79	CAEDF0000138392	1/2 - 1 Mile ESE
N80	CAEDF0000056870	1/2 - 1 Mile ESE
N81	CAEDF0000109208	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 6802641.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Samoa - Redwood Marine Terminal 1- South	CLIENT: Tetra Tech EM Inc.
ADDRESS: Vance Ave Samoa CA 95564	CONTACT: Savannah Russell INQUIRY #: 6802641.2s
LAT/LONG: 40.809628 / 124.190677	DATE: December 29, 2021 4:27 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
East
1/8 - 1/4 Mile
Lower

CA WELLS **CADWR0000027600**

Well ID:	05N01W16L001H	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05N01W16L001H	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=05N01W16L001H&store_num=		
GeoTracker Data:	Not Reported		

A2
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000035887**

Well ID:	SL0602377769-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=SL0602377769&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-10		

B3
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000024297**

Well ID:	SL0602377769-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=SL0602377769&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-6		

B4
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000096778**

Well ID:	SL0602377769-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=SL0602377769&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-8		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B5
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000024289**

Well ID:	SL0602377769-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-14		

A6
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000050070**

Well ID:	SL0602377769-MW-20D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-20D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-20D		

A7
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000082198**

Well ID:	SL0602377769-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=SL0602377769&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-9		

C8
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000036188**

Well ID:	SL0602377769-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C9
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000113554**

Well ID:	SL0602377769-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-12		

B10
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000111145**

Well ID:	SL0602377769-MW-5D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-5D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-5D		

B11
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000113477**

Well ID:	SL0602377769-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=SL0602377769&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-5		

D12
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000092319**

Well ID:	SL0602377769-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-17		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E13
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000018769**

Well ID:	SL0602377769-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=SL0602377769&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-2		

F14
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000097907**

Well ID:	SL0602377769-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=SL0602377769&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-4		

F15
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000056591**

Well ID:	SL0602377769-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=SL0602377769&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-7		

E16
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000038188**

Well ID:	SL0602377769-MW-21D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-21D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-21D		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F17
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000058896**

Well ID:	SL0602377769-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-15		

E18
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000127222**

Well ID:	SL0602377769-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=SL0602377769&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-1		

D19
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000096577**

Well ID:	SL0602377769-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-19		

F20
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000019398**

Well ID:	SL0602377769-MW-15D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-15D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-15D		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G21
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000132172**

Well ID:	SL0602377769-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=SL0602377769&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-11		

D22
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000124398**

Well ID:	SL0602377769-MW-16D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-16D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-16D		

23
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000063066**

Well ID:	SL0602377769-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-16		

G24
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000139629**

Well ID:	SL0602377769-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-13		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G25
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000017633**

Well ID:	SL0602377769-MW-13D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-13D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-13D		

D26
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000038942**

Well ID:	SL0602377769-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0602377769&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-18		

F27
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000083276**

Well ID:	SL0602377769-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=SL0602377769&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0602377769&assigned_name=MW-3		

28
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000070035**

Well ID:	L10004110984-MW-4 (LF)	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4 (LF)
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004110984&assigned_name=MW-4 (LF)&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004110984&assigned_name=MW-4 (LF)		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H29
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000073192**

Well ID:	T0602391048-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=T0602391048&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-4		

H30
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000022810**

Well ID:	T0602391048-MW-05	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391048&assigned_name=MW-05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-05		

H31
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000111178**

Well ID:	T0602391048-MW-06	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-06
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391048&assigned_name=MW-06&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-06		

H32
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000104479**

Well ID:	T0602391048-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=T0602391048&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H33
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000134987**

Well ID:	T0602391048-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=T0602391048&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-2		

H34
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000053953**

Well ID:	T0602391048-MW-07	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-07
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391048&assigned_name=MW-07&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-07		

H35
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000118261**

Well ID:	T0602391048-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=T0602391048&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-1		

H36
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000058427**

Well ID:	T0602391048-MW-08	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-08
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391048&assigned_name=MW-08&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391048&assigned_name=MW-08		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

37
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000103444**

Well ID:	L10004110984-MW-1 (LF)	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1 (LF)
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004110984&assigned_name=MW-1 (LF)&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004110984&assigned_name=MW-1 (LF)		

38
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000103823**

Well ID:	L10004110984-MW-3 (LF)	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3 (LF)
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004110984&assigned_name=MW-3 (LF)&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004110984&assigned_name=MW-3 (LF)		

39
NNE
1/2 - 1 Mile
Higher

FRDS PWS **CA1200788**

Epa region:	09	State:	CA
Pwsid:	CA1200788		
Pwsname:	GREEN DIAMOND RESOURCE CO.-BIG LAGOON		
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06023
Status:	Closed	Retpopsrvd:	0
Pwssvcconn:	11	Psource longname:	Surface_water
Pwstype:	CWS	Owner:	Private
Contact:	Jeff Lane		
Contactorgname:	Green Diamond Resource Co.-Big Lagoon		
Contactphone:	7076684481	Contactaddress1:	P. O. Box 68
Contactaddress2:	Not Reported	Contactcity:	Korbel
Contactstate:	CA	Contactzip:	95550
Pwsactivitycode:	N		
Pwsid:	CA1200788	Facid:	CA1200788003
Facname:	WELL 001 - TREATED - INACTIVE XCLD		
Factype:	Treatment_plant	Facactivitycode:	I
Trtobjective:	disinfection	Trtprocess:	hypochlorination, post
Factypecode:	TP		
PWS ID:	CA1200788	PWS name:	BIG LAGOON CAMP - LP CORP
Address:	Not Reported	Care of:	Not Reported
City:	SAMOA	State:	CA
Zip:	95564	Owner:	BIG LAGOON CAMP - LP CORP

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Source code:	Ground water	Population:	60
PWS ID:	CA1200788	PWS type:	System Owner/Responsible Party
PWS name:	LOUISIANA PACIFIC CORP	PWS address:	Not Reported
PWS city:	SAMOA	PWS state:	CA
PWS zip:	95564	PWS ID:	CA1200788
Activity status:	Active	Date system activated:	8506
Date system deactivated:	Not Reported	Retail population:	00000045
System name:	BIG LAGOON CAMP - LP CORP	System address:	LOUISIANA PACIFIC CORP
System address:	10946 BIG LAGOON CAMP	System city:	TRINIDAD
System state:	CA	System zip:	95570
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	404908	Longitude:	1241107
Violation id:	601005	Orig code:	S
State:	CA	Violation Year:	2006
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2006
Cmp edt:	08/31/2006		
Violation id:	95V0001	Orig code:	F
State:	CA	Violation Year:	1993
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	51	Violation name:	Initial Tap Sampling for Pb and Cu
Rule code:	350	Rule name:	LCR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	07/01/1993
Cmp edt:	12/31/2003		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9301001	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	090193	Violation end date:	093093
Violation period (months):	001	Violation awareness date:	111593
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9300001	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Max Contaminant Level, Monthly (TCR)		
Violation start date:	120192	Violation end date:	123192
Violation period (months):	001	Violation awareness date:	013093
Major violator:	Not Reported	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported
Violation ID:	95V0001	Orig Code:	F
Enforcemnt FY:	2004	Enforcement Action:	12/31/2003
Enforcement Detail:	Fed Compliance achieved	Enforcement Category:	Resolving

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

40
SW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000086177**

Well ID:	L10004110984-MW-2 (LF)	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2 (LF)
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004110984&assigned_name=MW-2 (LF)&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004110984&assigned_name=MW-2 (LF)		

I41
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000138903**

Well ID:	T0602300507-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=T0602300507&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300507&assigned_name=MW-4		

I42
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000013511**

Well ID:	T0602300507-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=T0602300507&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300507&assigned_name=MW-2		

I43
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000046626**

Well ID:	T0602300507-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=T0602300507&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300507&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I44
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000020958**

Well ID:	T0602300507-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=T0602300507&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300507&assigned_name=MW-1		

J45
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000127934**

Well ID:	T0602391155-MW-3B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-3B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-3B		

J46
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043209**

Well ID:	T0602391155-MW-4A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-4A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-4A		

J47
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000061114**

Well ID:	T0602391155-MW-33A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-33A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-33A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-33A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J48
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000101372**

Well ID:	T0602391155-MW-3A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-3A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-3A		

J49
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000000303**

Well ID:	T0602391155-MW-23A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-23A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-23A		

J50
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000007307**

Well ID:	T0602391155-MW-2B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-2B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-2B		

J51
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067124**

Well ID:	T0602391155-MW-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-2A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K52
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000133517**

Well ID:	T0602391155-MW-5A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-5A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-5A		

J53
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000057793**

Well ID:	T0602391155-P-18A	Well Type:	MONITORING
Source:	EDF	Other Name:	P-18A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=P-18A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=P-18A		

J54
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000077380**

Well ID:	T0602391155-P-8A	Well Type:	MONITORING
Source:	EDF	Other Name:	P-8A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=P-8A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=P-8A		

L55
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000123619**

Well ID:	T0602391155-MW-7A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-7A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-7A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L56
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000136819**

Well ID:	T0602391155-MW-12A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-12A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-12A		

M57
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000061341**

Well ID:	T0602300185-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=T0602300185&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300185&assigned_name=MW-1		

M58
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043289**

Well ID:	T0602300185-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=T0602300185&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300185&assigned_name=MW-3		

M59
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000011341**

Well ID:	T0602300185-PW-1B	Well Type:	MONITORING
Source:	EDF	Other Name:	PW-1B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300185&assigned_name=PW-1B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300185&assigned_name=PW-1B		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L60
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092276**

Well ID:	T0602391155-MW-10A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-10A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-10A		

M61
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000080843**

Well ID:	T0602300185-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=T0602300185&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300185&assigned_name=MW-7		

M62
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000042140**

Well ID:	T0602300185-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=T0602300185&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300185&assigned_name=MW-6		

K63
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000057710**

Well ID:	T0602391155-MW-6AR	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6AR
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-6AR&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-6AR		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K64
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000031552**

Well ID:	T0602391155-MW-16A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-16A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-16A		

N65
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073353**

Well ID:	T060234588-4618-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	4618-MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T060234588&assigned_name=4618-MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T060234588&assigned_name=4618-MW1		

O66
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000051815**

Well ID:	T0602391155-MW-1A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-1A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-1A		

O67
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000078777**

Well ID:	T0602391155-MW-11A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-11A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-11A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O68
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000134328**

Well ID:	T0602391155-MW-11B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-11B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-11B		

N69
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000107794**

Well ID:	T0602300424-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300424&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300424&assigned_name=MW-14		

O70
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000072248**

Well ID:	T0602391155-MW-1B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602391155&assigned_name=MW-1B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602391155&assigned_name=MW-1B		

N71
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043290**

Well ID:	T060234588-4618-MW9	Well Type:	MONITORING
Source:	EDF	Other Name:	4618-MW9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T060234588&assigned_name=4618-MW9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T060234588&assigned_name=4618-MW9		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M72
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000132862**

Well ID:	T0602300037-MW-C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300037&assigned_name=MW-C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300037&assigned_name=MW-C		

M73
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000142588**

Well ID:	T0602300037-MW-B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300037&assigned_name=MW-B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300037&assigned_name=MW-B		

74
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000130646**

Well ID:	T0602300350-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=T0602300350&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300350&assigned_name=MW-7		

M75
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000046755**

Well ID:	T0602300037-MW-E	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-E
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300037&assigned_name=MW-E&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300037&assigned_name=MW-E		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M76
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000000393**

Well ID:	T0602300037-MW-F	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-F
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300037&assigned_name=MW-F&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300037&assigned_name=MW-F		

M77
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092202**

Well ID:	T0602300037-MW-G	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-G
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300037&assigned_name=MW-G&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300037&assigned_name=MW-G		

M78
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000128669**

Well ID:	T0602300037-MW-A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300037&assigned_name=MW-A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300037&assigned_name=MW-A		

N79
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000138392**

Well ID:	T0602300424-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300424&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300424&assigned_name=MW-15		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N80
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000056870**

Well ID:	T0602300424-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0602300424&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0602300424&assigned_name=MW-16		

N81
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000109208**

Well ID:	T060234588-4618-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	4618-MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T060234588&assigned_name=4618-MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T060234588&assigned_name=4618-MW3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95564	1	0

Federal EPA Radon Zone for HUMBOLDT County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for HUMBOLDT COUNTY, CA

Number of sites tested: 32

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.375 pCi/L	97%	3%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	-0.900 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is 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.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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