

Appendix A  
**Kayak Launch Recreational  
Feasibility Study**





# AMERICAN CANYON KAYAK LAUNCH Amended Recreational Facility Study

Prepared for  
City of American Canyon

September 2023



# AMERICAN CANYON KAYAK LAUNCH

## Amended Recreational Facility Study

Prepared for  
City of American Canyon

September 2023

Prepared by  
Isaac Swanson  
Alana Godner-Abravanel  
Katie Dudney  
Michelle Orr

180 Grand Avenue  
Suite 1050  
Oakland, CA 94612  
510.839.5066  
esassoc.com



Bend	Orlando	San Jose
Camarillo	Pasadena	Santa Monica
Delray Beach	Petaluma	Sarasota
Destin	Portland	Seattle
Irvine	Sacramento	Tampa
Los Angeles	San Diego	
Oakland	San Francisco	

# TABLE OF CONTENTS

## American Canyon Kayak Launch Recreational Facility Study

	<u>Page</u>
<b>American Canyon Kayak Launch</b>	
<b>Recreational Facility Study</b> .....	<b>1</b>
1. Introduction .....	1
Goals & Objectives .....	1
Planning Process .....	2
2. Site Conditions .....	2
Climate .....	2
Tides .....	4
Sea-Level Rise .....	5
Biology .....	5
Cultural Resources .....	6
Hazardous Materials .....	7
San Francisco Bay Water Trail .....	7
Eco Center (Alternative 1) .....	7
3. Alternatives Development & Evaluation Approach .....	9
4. Alternatives Considered .....	10
5. Alternatives Evaluation and Selection of the Preferred Alternative .....	29
Preferred Alternative .....	29
Alternatives Not Selected .....	30
6. References .....	32

### Figures

Figure 1	Regional Setting .....	3
Figure 2	Project Site Context .....	4
Figure 3	Nearby San Francisco Bay Water Trail Kayak Launches .....	8
Figure 4	Wetlands Eco Center Site Plan .....	8
Figure 5	North Slough at Corporation Yard Site Location .....	11
Figure 6	Existing Trail from Corporation Yard to North Slough .....	11
Figure 7	Proposed Kayak Launch Concept at North Slough at Corporation Yard .....	12
Figure 8	Tidal Marsh between Terminus of Existing Trail and North Slough .....	13
Figure 9	Mudflat and Marsh Edge at North Slough at Corporation Yard Site .....	13
Figure 11	Cross Section - North Slough at Corporation Yard .....	15
Figure 12	North Slough at the Bay Trail Site Location .....	18
Figure 13	Proposed Kayak Launch Concept at North Slough at the Bay Trail .....	19
Figure 14	Cross Section – North Slough at the Bay Trail .....	19

	<u>Page</u>
Figure 15 View of Existing Marsh and Landfill from North Slough at the Bay Trail Site.....	20
Figure 16 Looking North from North Slough at the Bay Trail Site.....	21
Figure 17 Existing Culverts at North Slough at the Bay Trail Site.....	23
Figure 18 Glass Beach looking South .....	24
Figure 19 Glass Beach Site Location .....	25
Figure 20 Proposed Kayak Launch Concept at Glass Beach.....	26
Figure 21 Glass Beach Area on a Breezy Day .....	27
Figure 22 Existing Access Trail to Glass Beach .....	28

## Tables

Table 1 – Tidal Datums for Project Area .....	5
Table 2 Alternatives Features, Dimensions, and Impacts .....	10
Table 3 Alternatives Evaluation.....	31

## Attachments

- A. Accessibility Requirements and Launch Types
- B. Kayak Launch Alternative Alignments Concept Figures and Impacts
- C. Community and Technical Advisory Committee Input
- D. Alternatives Detailed Calculations

# AMERICAN CANYON KAYAK LAUNCH

---

## Recreational Facility Study

### 1. Introduction

This Kayak Launch Recreational Facility Study (Study) provides the conceptual design for a new kayak launch along the Napa River and was conducted in support of the American Canyon Wetlands Restoration Project (Project). The Project, led by the City of American Canyon (City), proposes wetlands enhancement and improvements to public access. The Project goal is to provide nature-oriented public access, recreation, and educational opportunities along the North Slough and lower Napa River at the City of American Canyon (Figures 1 and 2).

This Study provides the objectives for the kayak launch design, documents existing site conditions as they apply to the kayak launch feasibility, evaluates three alternative locations and different launch types, and provides the selected kayak launch conceptual design.

This is one of three feasibility studies being conducted in support of the Project. The other two (in progress) assess restoration and recreational opportunities near North Slough Pond and the Corporation Yard. All three studies will inform the American Canyon Wetlands Restoration Plan, which will provide additional background on existing conditions and opportunities beyond those presented in this report.

### Goals & Objectives

The overall goal for the American Canyon Wetlands Restoration Project is to provide nature-oriented public access, recreation, and educational opportunities along the North Slough and lower Napa River at the City of American Canyon. Project objectives relevant to the kayak launch are to:

- Increase public access and recreational opportunities compatible with wildlife and habitat goals.
- Support the development of an educational facility that serves the community and fosters environmental stewardship.
- Increase the resilience of public access to sea level rise and flooding.
- Reduce long-term maintenance obligations.

Objectives specific to the kayak launch are to create:

- A safe, appealing, and convenient location that is protected from wave action, easy to access from nearby parking, and suitable for use during low tides.

- A universally accessible boat launch that serves diverse skills and abilities of users.
- An affordable and buildable design in balance with natural physical processes and minimal maintenance requirements.
- A design that minimizes environmental impacts and will be approved for permitting by regulatory agencies.

## Planning Process

ESA was retained by the City of American Canyon to complete the Restoration Plan for the Project. A Technical Advisory Committee consisting of scientists and stakeholders familiar with the Project site is providing technical input during Project planning. The City is engaging the public through public meetings and an online survey. To date, one public meeting has been held and an online survey conducted to provide input on the kayak launch and the Project as a whole. Detailed information about Technical Advisory Committee and community input can be found in Attachment C.

## 2. Site Conditions

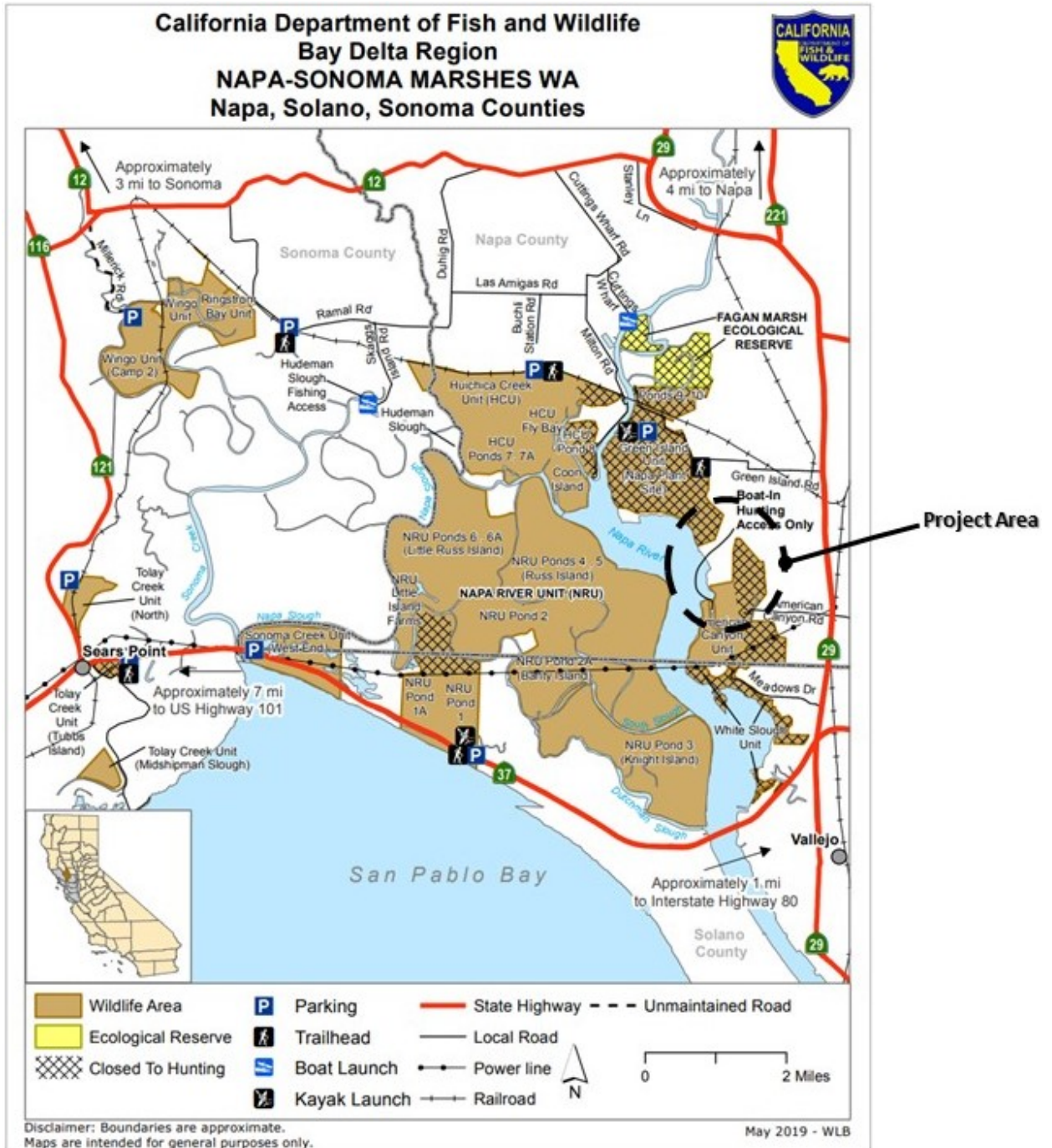
The Project area is located about 35 miles northeast of San Francisco at the southern end of Napa County (Figure 1). The area is bordered by the Napa River to the west and the City of American Canyon to the east (Figure 1). The City identified three possible locations for installation of a kayak launch –North Slough at the Corporation Yard, 205 Wetlands Edge Road; North Slough at the Bay Trail, located approximately 0.35 miles west of the Eucalyptus Drive/Wetlands Edge Road intersection; and Glass Beach located on the Napa River approximately 0.6 miles west of the North Slough at the Bay Trail location (Figure 2).

In the early 1900s, the natural wetlands were diked and used for agriculture. Residential development to the east increased through the 1940s to 2000s. By 1965, a landfill was under construction in the northwestern wetlands and a wastewater treatment plant (WWTP) was in operation by the City of American Canyon in the southeastern part of the wetlands. The landfill was closed in 1995 and today provides upland grassland habitat. In 1999, the City acquired a large parcel in the wetlands from the Port of Oakland for open space (Cooper 2023). In the early 2000s, the WWTP was moved to the north, just outside the Project area. In 2006, the wetlands were reopened to tidal inundation with the breaching of North Slough where it connects to the Napa River. Today, the wetlands are used by a diversity of species and enjoyed by the local community for passive recreation. Most of the wetlands are owned by the State of California and are part of the Sonoma Marshes Wildlife Area. The City maintains offices and a Corporation Yard on the southeast side of the Project area, at the former location of the WWTP.

## Climate

The Project area is characterized by hot, dry summers and wet, mild winters, with the majority of precipitation occurring as rainfall in winter months. Relatively moderate year-round temperatures, the maximum average temperature reported was 80.5° F in September, and the lowest average

temperature is 57.3° F in December. Prevailing wind direction from mid-February to mid-November is westerly and from mid-November to mid-February is northerly. The windiest month of the year in American Canyon is June, with an average hourly wind speed of 8.4 miles per hour.



SOURCE: <https://wildlife.ca.gov/Lands/Places-to-Visit/Napa-Sonoma-Marshes-WA>

American Canyon Kayak Launch Recreational Feasibility Study

**Figure 1**  
 Regional Setting





American Canyon Kayak Launch Recreational Feasibility Study

**Figure 2**  
Project Site Context

## Tides

The Project area is located along the east shore of the Napa River, a tidally influenced channel that flows to the northeast end of San Pablo Bay. ESA installed a set of temporary water level gauges at several locations within the Project area in May and June of 2022 to measure local tide elevations. These water level measurements were used to calculate tidal datums on the Napa River at the Project area. These measurements showed that there is almost no measurable difference between tide elevations on the Napa River, on the main channel west of the Corporation Yard, and on the main channel south of the north levee culverts. ESA calculated tidal datums for the Napa River near Glass Beach based on the measured water levels from the temporary gages, with adjustments to account for the limited 2-month duration of measurements using the NOAA CO-OPS Tidal Analysis Datum Calculator (<https://access.co-ops.nos.noaa.gov/datumcalc/>), with the NOAA Richmond Tide Gauge as the long-term reference station. The calculated tidal datums, along with published flood levels, are listed on Table 1.



These Napa River tidal datums are representative of conditions at all three proposed kayak launch locations.

**TABLE 1 – FLOOD LEVELS AND TIDAL DATUMS FOR PROJECT AREA**

Datum	Elevation, ft NAVD88	Description
100-year water level	9.9	
10-year water level	8.7	
MHHW	6.31	Mean Higher-High Water
MHW	5.78	Mean High Water
MSL	3.43	Mean Sea Level
MLW	1.04	Mean Low Water
MLLW	0.05	Mean Lower-Low Water
HOWL	7.22	Highest Observed Water Level (May-June 2022)
LOWL	-1.38	Lowest Observed Water Level (May-June 2022)

Source: FEMA 2016. ESA water level observations and datum analysis.

## Sea-Level Rise

The planning process for the Kayak Launch accounts for anticipated future sea-level rise based on the State of California’s Sea-level Rise Guidance Document (OPC 2018). The State Guidance recommends that projects apply a risk-based approach for planning and design for projected future sea-level rise. Under this risk-based approach, projects should be designed to accommodate future sea-level rise based on the project’s planned design lifespan and the project’s level of “risk aversion”. For planning purposes, ESA assumes that the Project’s kayak launch will be constructed in 2025 and will have a minimum design life of 50 years, to the year 2075.

The level of risk aversion should be determined based on an assessment of the consequences of flooding/inundation affecting the Project, and the level of adaptive capacity. The proposed kayak launch is a recreational facility that will not be used during large flood events, and the structures will likely be able to tolerate occasional inundation during large floods with minimal damage. Consequently, the kayak launch has a low level of risk aversion.

Based on the assumed Project design life through the year 2075, and the low level of risk aversion, the State Sea-level Rise Guidance document recommends designing for +2.15ft of sea-level rise (2075, high emissions, low risk aversion).

## Biology

The Project Area contains five habitat types associated with aquatic features and three upland habitat types. The upland habitat includes grassland, Eucalyptus woodland, and developed/ruderal. Aquatic habitat types include shallow bay (Napa River), tidal flat, tidal marsh, marsh flat, and open water.

Aquatic habitats are considered sensitive resources and are regulated under several laws, such as the Clean Water Act, the Porter-Cologne Act, the Rivers and Harbors Act, the National Environmental Policy Act, the California Environmental Quality Act, and the McAtteer-Petris Act. Impacts to aquatic habitats that occur as a result of the kayak launch construction would require permitting by relevant regulatory agencies with authority for these acts, including the U.S. Army Corps of Engineers, the Regional Water Quality Control Board, and the Bay Conservation and Development Commission.

Additionally, the Project area provides suitable habitat for a number of sensitive wildlife and plant species including the federally endangered salt marsh harvest mouse and Ridgway's rail and a number of other California Species of Special Concern. These species are protected under the California Fish and Game Code and federal and state Endangered Species Acts. Likewise, permits would be required by the California Department of Fish and Wildlife, the United States Fish and Wildlife Service, and the National Marine Fisheries Service for actions that may result in the take of individual protect species or impacts to their habitat.

The evaluation of the kayak launch locations and possible designs should consider, avoid and minimize potential impacts to sensitive aquatic resources and potential suitable habitat for special status species. Limiting impacts will facilitate project permitting and also reduce the need for or quantity of compensatory mitigation that may be required to offset impacts of the project.

## Cultural Resources

There are no previously recorded cultural resources – architectural, historic-era archaeological, or pre-contact archaeological – in the Project area. However, the following architectural features, none of which have been previously recorded, in or near the Project area are potentially 50 years of age or older:

- the Corporation Yard
- The sewage treatment ponds (in the south part of the Project area)
- berms/levees northwest of the former landfill
- two ditches (one at the south edge of the Project Site, one northwest of the former landfill west of the sewage treatment plant).

These architectural features should be considered potential cultural (architectural) resources, for NHPA and CEQA.

The Project area has a low sensitivity for historic-era archaeological resources, both buried and surficial. Regarding pre-contact archaeological resources, previously undisturbed parts of the northernmost Project area have a low sensitivity for surficial pre-contact archaeological resources, while the remainder of the Project area has a moderate sensitivity for surficial pre-contact archaeological resources. The Project area has a high sensitivity for buried pre-contact archaeological resources.

The presence of cultural resources is not expected to constrain the Project design. The Project will coordinate with the relevant tribes and permitting agencies to include adequate measures, such

documentation of resources and monitoring during construction, to appropriately address known and potential unknown cultural resources.

## Hazardous Materials

The Project conducted a Phase 1 Environmental Site Assessment to identify hazardous materials with the potential to affect the Project feasibility and design (ESA 2022). Findings from the assessment indicate that the closed American Canyon Landfill is entirely capped and vegetated. No areas of erosion or exposed waste were observed during a site visit. The landfill is subject to land use restrictions that prohibit disturbing the buried waste. No Recognized Environmental Conditions (RECs), Historical Recognized Environmental Conditions (HRECs), or Controlled Recognized Environmental Conditions (CRECs) were observed relative to hazardous materials, hazardous waste, or chemical use, storage, or disposal for the Corporation Yard and the wetlands area. The search of government regulatory records did not reveal any RECs that would adversely affect the Project site or prevent restoration activities. Five listings within or near the Project site are considered HRECs that consist of historical spills of sewage or wine or spirits that are considered no longer be able to adversely affect the Project site or restoration activities.

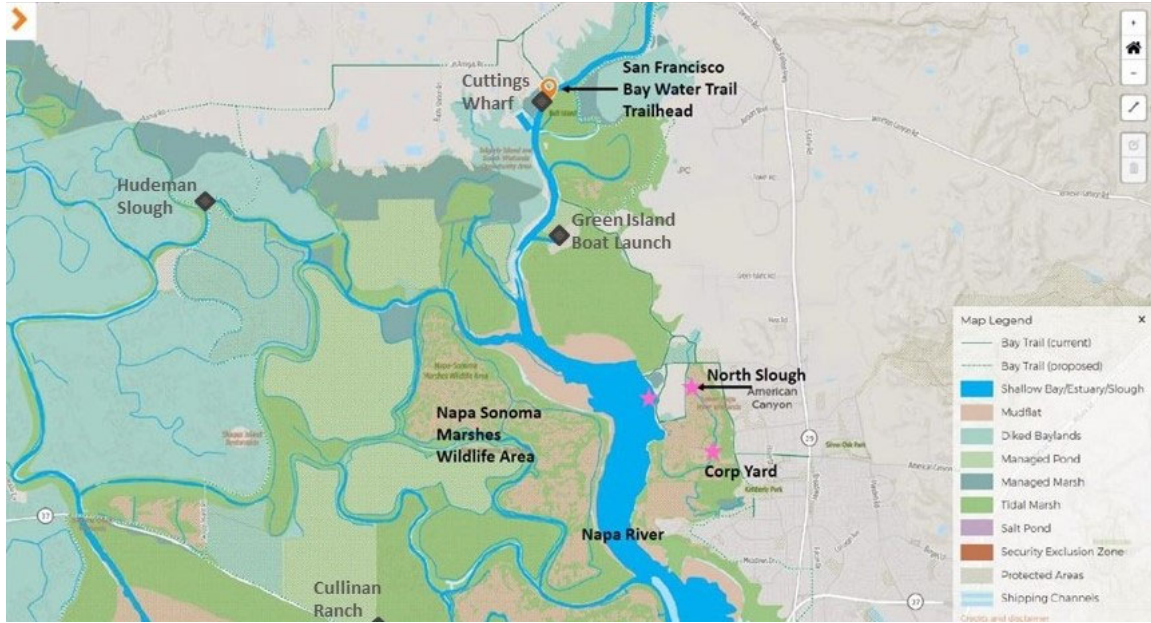
## San Francisco Bay Water Trail

The proposed kayak launch would be a part of the San Francisco Bay Water Trail, which is intended to provide shoreline access for small watercraft all around San Francisco Bay. There are no public kayak launches in the 11 miles between Vallejo and Cuttings Wharf; a kayak launch at the City of American Canyon would fill this gap in Bay Water Trail trailheads, providing more access opportunities for users of small watercraft. The Vallejo Launching Facility is about 5.5 miles to the south, Cullinan Ranch Boat Launch (off Highway 37) is about 5 miles to the southwest, and Cuttings Wharf Boat Launch is just over 5 miles to the northwest (Figure 3). A less developed launch exists at Green Island Road on the Napa River, 3 miles to the north, but this water entry path/boat launch does not appear to be compliant with the Americans with Disabilities Act (ADA) and is not considered an official Bay Water Trail trailhead.

The three locations considered for installation of a kayak launch in this Study – North Slough at the Corporation Yard, North Slough at the Bay Trail, and Glass Beach – are shown in Figure 2 and discussed in more detail later in this report.

## Wetlands Ecology Center

The Wetlands Ecology Center (Eco Center) is a proposed regional environmental education and community center to be built on the footprint of the City's existing Corporation Yard within the next couple of years (Figure 4). It is expected to be a major destination in the region with over 12,000 visitors expected annually, not including kayak launch visitors (Sellick 2022). Educational tie-ins are considered for each potential kayak launch site based on the proximity and ease of access to the Eco Center.



SOURCE: San Francisco Bay Water Trail, 2022

American Canyon Kayak Launch Recreational Feasibility Study

**Figure 3**  
Nearby San Francisco Bay Water Trail Kayak Launches



**RIM rhaa**

WETLANDS ECO CENTER FOR AMERICAN CANYON COMMUNITY AND PARKS FOUNDATION 216075

05/20/22 P104

SOURCE: Wetlands Ecology Center for American Canyon Community & Parks Foundation Facility Assessment Report and Basis of Design

American Canyon Kayak Launch Recreational Feasibility Study

**Figure 4**  
Wetlands Eco Center Site Plan

### 3. Alternatives Development & Evaluation Approach

The City identified three possible locations for installation of a kayak launch – North Slough at the Corporation Yard, North Slough at the Bay Trail, and Glass Beach (Figure 2). The City and ESA (the Project team) developed boat launch concepts to define kayak launch alternatives at these three locations. These alternatives are described in Section 4 Alternatives Considered.

A fourth location at a side channel at the Corporation Yard was also considered initially, but was eliminated early in the evaluation process due to too-shallow and too-narrow channel conditions. In some cases, different launch layout options were considered for a given location with the most favorable option being carried forward as an alternative (see Attachment B for additional information).

The alternatives were designed to meet the kayak launch objectives, presented in the Introduction. All alternatives were evaluated for ADA accessibility and were designed to be usable at all or nearly all stages of the tide (i.e., water in the channel at the launch at lower tides), to include turn arounds for emergency access vehicles, and include path elevations at 12 ft NGVD88 or higher to accommodate a sea-level rise of 2.15 ft (50 years of rise).

To evaluate the alternatives and select the preferred alternative, the Project Team, with input from the Project Technical Advisory Committee (TAC), developed a set of criteria to assess how well each alternative performs with respect to the objectives. Criteria for evaluating alternatives are user experience, waviness, access (from parking), connection to the Bay Water Trail, educational tie-in, potential environmental impacts, safety, cost, and space.

The alternatives evaluation is presented in Section 5 Alternatives Evaluation and Selection of the Preferred Alternative. The North Slough at the Corps Yard / Eco Center is the Preferred Alternative.

## 4. Alternatives Considered

The three kayak Launch alternatives are described in the text sections below. Each section begins with a high-level description of the alternative, then provides detail by evaluation criterion. Table 2 summarizes features, dimensions and habitat impact/potential restoration areas for the alternatives.

**TABLE 2  
ALTERNATIVES FEATURES, DIMENSIONS, AND IMPACTS<sup>1</sup>**

LOCATION	FEATURE	DIMENSIONS		IMPACT TO WETLANDS AND WATERS OF THE US (acres)	POTENTIAL WETLAND RESTORATION (acres)
		Length (feet)	Width (feet)		
North Slough at Corporation Yard	Boardwalk/Gangway	360	10	0.29	0.09
	Dock	100	20		
	Raise Elevation of Existing Levee Trail	590	10		
	Emergency Vehicle Turnaround	-	-		
North Slough at the Bay Trail	Roadway Improvements	1,200	10	0.30	-
	Gangway	100	6		
	Dock	50	12		
Glass Beach	Accessible Path	150	6	0.94	-
	Emergency Vehicle Turnaround	-	-		
	Roadway Improvements	4,000	10		

American Canyon Kayak Launch Recreational Feasibility Study

### Alternative 1. North Slough at the Corporation Yard / Eco Center

#### *Alternative Description*

The North Slough at the Corporation Yard is approximately 900 feet from the new Eco Center. Much of this distance is accessible via an existing asphalt path (Figures 5-7).

<sup>1</sup> A formalized wetland delineation was not conducted as part of this project. These wetland impacts are based on existing habitat mapping provided in the Bay Area Aquatics Resources Inventory (BAARI) database and Napa County’s fine scale vegetation map. A formalized wetland delineation and Army Corps verification is needed for project permitting.





American Canyon Kayak Launch Recreational Feasibility Study

**Figure 5**  
North Slough at Corporation Yard Site Location



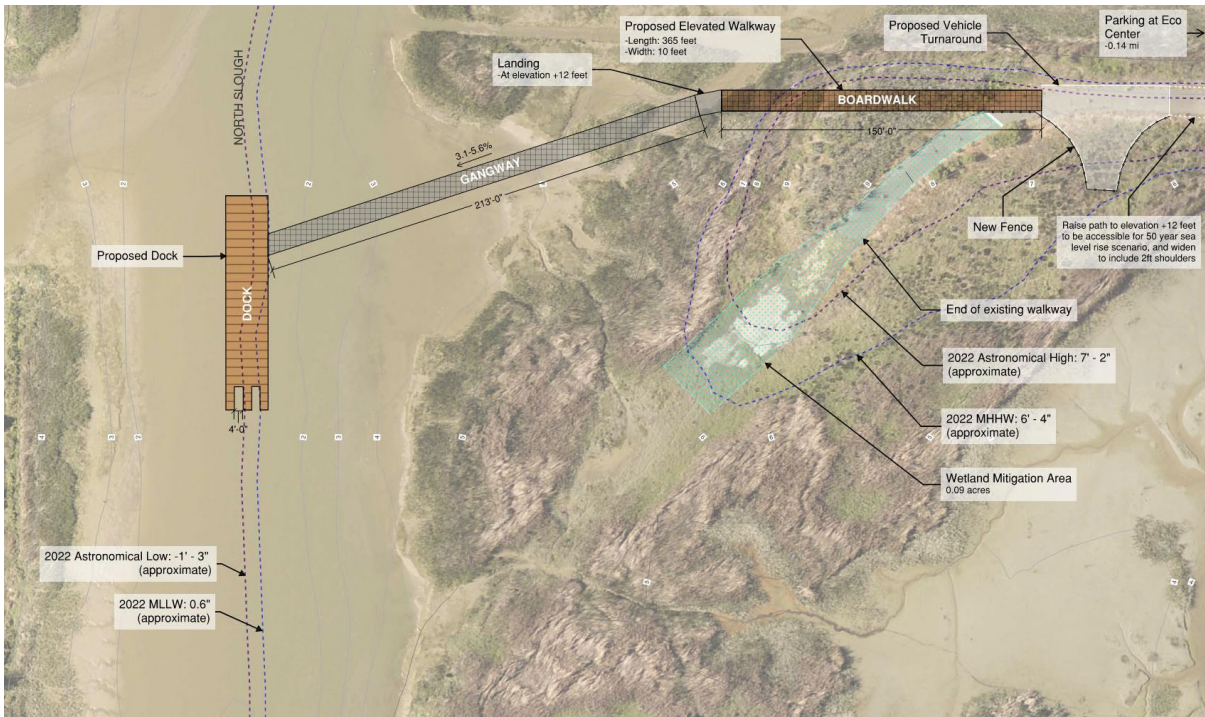
American Canyon Kayak Launch Recreational Feasibility Study

**Figure 6**  
Existing Trail from Corporation Yard to North Slough

The proposed kayak launch at the North Slough at Corporation Yard site would be located at the end of the existing path leading west from the Eco Center (Figures 5-7), providing easy access and a strong visual connection to the Center’s recreational and educational programs. A floating dock with a gangway would be most appropriate at this location. The dock would be oriented parallel to the water flow direction for stability (Figure 7). The dock would be accessible even during low tide.

Beginning near the terminus of the existing path, a 150-foot elevated boardwalk would reach over the existing marsh (Figures 7-8) and connect to an approximately 215-foot gangway and 100-foot-long, 20-foot-wide low-freeboard dock – offering water access with gentle slope during both low and high tide.

The floating dock is sized to accommodate school groups of up to 40 students from the Eco Center, in addition to individuals and families from the surrounding community. The North Slough channel at this location is approximately 100 feet wide and relatively sheltered from waves (Figure 9).



American Canyon Kayak Launch Recreational Feasibility Study

**Figure 7**  
Proposed Kayak Launch Concept at North Slough at Corporation Yard





American Canyon Kayak Launch Recreational Feasibility Study

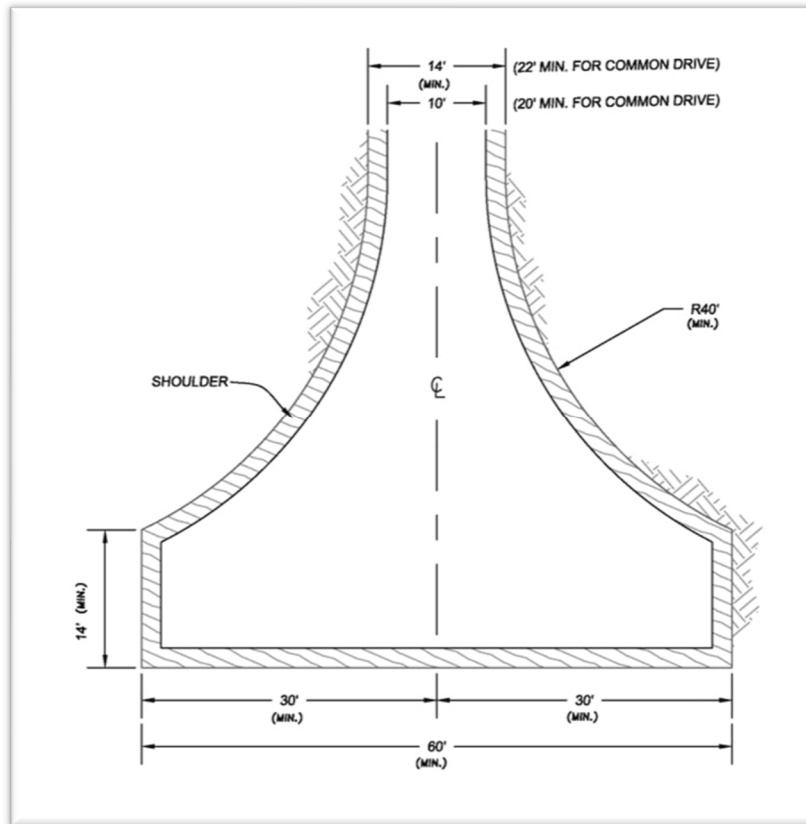
**Figure 8**  
Tidal Marsh between Terminus of Existing Trail and North Slough



American Canyon Kayak Launch Recreational Feasibility Study

**Figure 9**  
Mudflat and Marsh Edge at North Slough at Corporation Yard Site

The path would be raised to an elevation of 12 feet, widened to accommodate a crest width of 14 feet (per Napa County’s standard) and have a maximum 3:1 side slope. Raising the existing path to an elevation of at least 12 feet is recommended for continued access in a 50-year sea level rise scenario<sup>2</sup>. The path would tie directly into the proposed boardwalk, possibly with the addition of a vehicle turnaround for emergency vehicles and kayak drop-offs (Figure 10). The remainder of the existing path would be restored to wetland habitat, providing additional benefits to this site.



SOURCE: Napa County

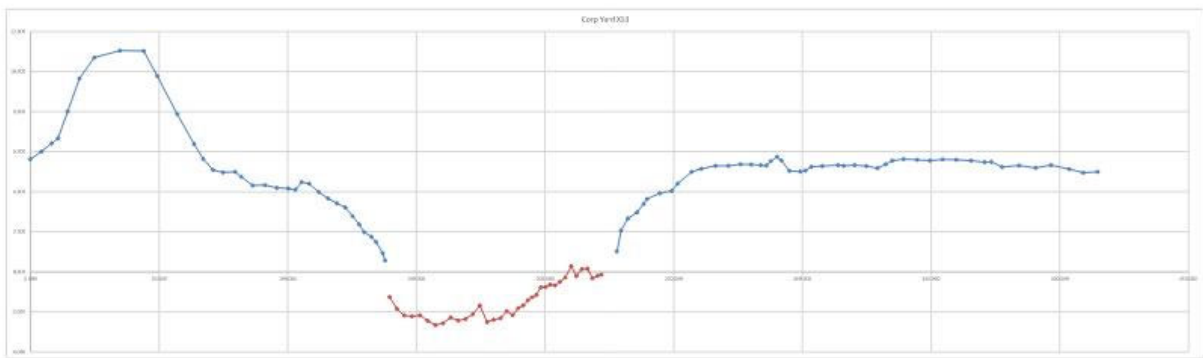
American Canyon Kayak Launch Recreational Feasibility Study

**Figure 10**  
Napa County Standard Vehicle Turnaround Detail

<sup>2</sup> The 10-year flood elevation with 2.15 ft of sea level rise is 10.85 feet NAVD. The 100-year flood elevation with sea level rise is 12.05 feet NAVD.

Two additional design options were considered for this location and rejected. The selected design (Figure 7) has the most direct route from the Eco Center parking to the kayak launch and the lowest wetland impacts. The other two options are discussed in Appendix B.

At mean lower low water (MLLW), water in the channel will be approximately 2.5 feet deep. This depth is representative of the lowest daily tides. At the lowest astronomical tides (which occur several times per year), water in the channel is estimated to be approximately 1.1 feet deep. These depths are considered adequately suited to a kayak launch in this location. Depths are based the surveyed channel cross-section (Figure 11) and water levels at the site (Table 1). The existing channel bottom is at approximately -2.5 feet NAVD88 where surveyed at the proposed dock location (Figures 9, 11).



American Canyon Kayak Launch Recreational Feasibility Study

**Figure 11**  
Cross Section - North Slough at Corporation Yard

## **Alternative Features**

### **User Experience**

This location offers panoramic views of the distant hills and is surrounded by expansive marsh vegetation that offers both passive beauty and educational opportunities for visitors. Users would be able to paddle in multiple directions and access the dock even during low tides – offering regular water access and varied paddling routes and experiences. From this location, a kayaker would need to paddle approximately 1 mile before reaching the Napa River but would also have plenty of longer paddling opportunities to explore the tidal marshes to the north and south. Water levels allow for a floating dock, which provides additional programming opportunities. Due to its proximity to the Eco Center, ADA restrooms and parking are close by; in addition, there are opportunities for a concessionaire to operate a kayak rental at the Eco Center or in the adjacent parking lot. For all of these reasons, this location would likely have the highest visitation of any of the kayak launch alternatives being considered in this report.

### **Waviness**

This site is relatively protected from wave action.

### Access (from Parking)

This site is just 900 feet (0.17 miles) from the nearest parking—the closest access to parking of any of the sites being considered for a kayak launch. The Eco Center has capacity to house a dolly to help users transport watercrafts to the launch<sup>3</sup>. If a vehicle turnaround is incorporated, emergency vehicles could drive directly to the site, and the City could consider the option for boaters with disabilities to use the vehicle turnaround as a drop-off before returning to park in the Eco Center lot.

### Educational Tie-In

This site would be well-integrated with the Eco Center (Figure 4), which is of interest to community members and the Project Technical Advisory Committee<sup>4</sup>. The launch's proximity to the Eco Center would enhance educational programs, recreational activities, and tours by providing direct access to the water and a unique experience of local ecology. One advantage of this site is that it has convenient access to parking, restrooms, and educational exhibits that school groups will frequently visit at the Eco Center. The City and its stakeholders have expressed interest in the Eco Center having a trail to North Slough for educational programming so the kayak launch in this location can serve an educational in addition to a recreational purpose.

### Potential Environmental Impacts

This alternative would impact approximately 0.29 acres of wetlands and Waters of the US but has potential for 0.09 acres of wetland restoration (Figure 7). Minimizing impact to sensitive existing marsh habitat would involve building a new boardwalk over approximately 200 feet of existing marsh. An elevated boardwalk greatly reduces wetland function impacts compared to an earthen embankment by maintaining hydrologic connectivity and opportunity for wildlife movement. Potential impacts to wetlands and Waters of the US with an elevated 10-foot wide boardwalk, dock, an access path raised in elevation and widened, and emergency vehicle turnaround are shown in Table 2.

### Safety

The water depth is sufficiently deep even at low tides that kayakers would be unlikely to get stuck in bay mud at this location due to tidal range. The channel velocity is not particularly high at this location. The site is protected from strong winds and waves, making it a suitable location for novice and moderately-skilled kayakers. Additionally, the site's proximity to the Eco Center increases surveillance and access for emergency vehicles in the event of an emergency.

<sup>3</sup> A dolly for public use would need to consider long-term maintenance and how to keep the dolly from getting lost, stolen, or damaged. It is presented here as an option but needs further evaluation for feasibility in the context of the Eco Center's operation.

<sup>4</sup> This feedback was received during the Project's public meeting on October 25, 2022 as well as from the Project's July 2022 Technical Advisory Committee meeting.

## Cost

Installing a boardwalk over approximately 150-200 feet of tidal marsh presents higher costs than the kayak launch options at other locations.

- The dock at this site is the largest kayak launch facility being considered so that it to accommodate Eco Center programs as well as public access.
- Widening and raising the elevation of the existing pathway to accommodate future sea level rise would also contribute to higher costs at this site.
- The additional habitat impacts at this location could result in a lengthier and complicated permitting process plus the need to acquire mitigation to offset impacts. There may be opportunity to develop the kayak launch in coordination with other onsite restoration and enhancement opportunities to make the kayak launch self-mitigating.

## Space

The Channel is approximately 100 feet wide at this location even during low tides, providing ample space for a kayak launch. The dock would be oriented parallel to the current. There would be an estimated 85 feet of channel width at MLLW; with a dock at 20 feet wide, there would be approximately 65 feet for paddlers to maneuver in the channel around the dock.

## Alternative 2. North Slough at the Bay Trail

### *Alternative Description*

This Alternative is located along a cut channel adjacent to the landfill along the existing Bay Trail west of the Eucalyptus Drive/Wetlands Edge Road intersection (Figures 12-15). The closest parking is approximately 0.4 miles away at Wetlands Edge Park on Eucalyptus Drive. There is an existing controlled landfill access road that walkers and bicyclists are allowed to use to access this location. This road would provide emergency access to this location. It is unlikely that this road would be available for passenger drop-offs (Cooper 2023).

A floating dock with a gangway, such as that at Cullinan Ranch, would be most appropriate at this location. This provides a platform that raises and lowers with the tides, providing accessibility throughout the tidal range. The kayak launch would consist of a concrete access path, a small (approximately 12-by-6-foot) platform, a 100-foot gangway, and a 50-foot by 12-foot low-freeboard dock (Figure 13). Locating the kayak launch at the Bay Trail would be predicated upon the existing culverts being replaced with a bridge (bridge removal being considered as part of a separate habitat study) to address safety issues with the existing culverts.

Channel depth and width are constrained for this alternative (Figures 13-14). The existing channel width is only about 32 feet wide at MHHW with steep side slopes (Figure 15). The existing channel is only 0.12 feet to 1.12 feet deep during the lowest expected astronomical tides and 1.55



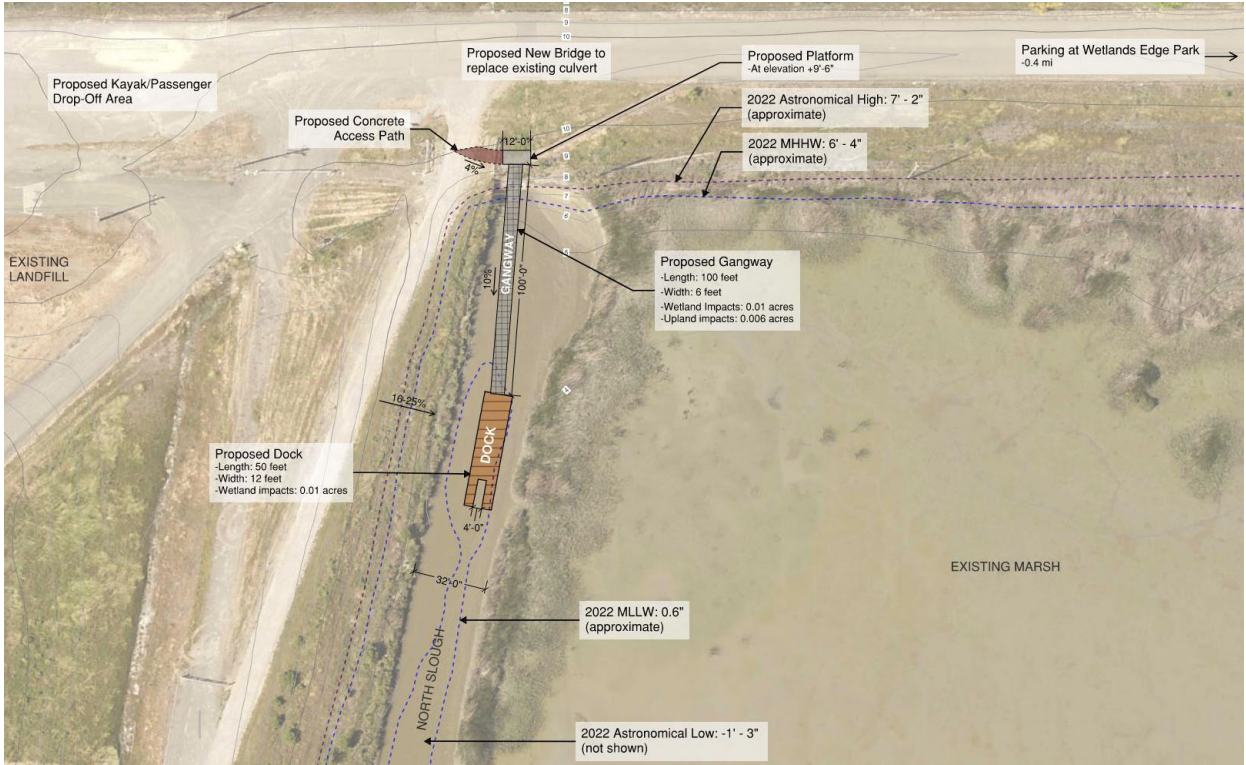
to 2.55 feet deep at MLLW.<sup>5</sup> This channel depth may increase and then decrease in the future with restoration, once full tidal exchange is re-introduced to the North Pond. The Project proposes to reintroduce full tidal exchange to the North Pond. Initially, this is expected to scour and deepen the North Slough channel. Over time, however, as sedimentation of the North Pond occurs, the North Slough may silt in, reducing channel depths compared to existing conditions. ESA performed preliminary calculations of channel depths for future sedimentation conditions based on the simple empirical methods of Williams et al. (2003). For the estimated future conditions, the channel bottom sediments in to an elevation of approximately -1.0-foot NAVD, which would leave the channel with just one foot of water in it at MLLW and with no water during the lowest expected astronomical tides. This would make the kayak launch accessible to paddlers during all stages of the tide except during the lowest tides each month.



American Canyon Kayak Launch Recreational Feasibility Study

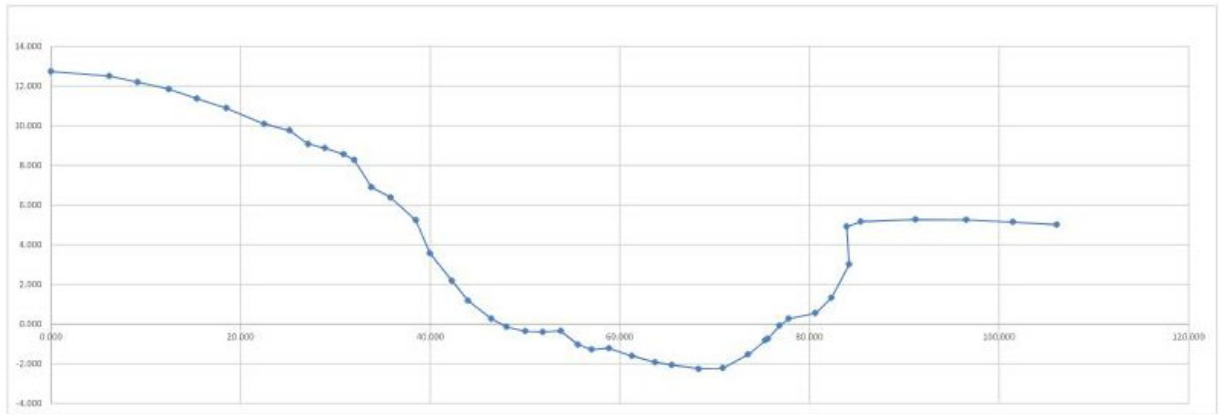
**Figure 12**  
North Slough at the Bay Trail Site Location

<sup>5</sup> ESA’s channel surveys indicated that the existing channel bottom elevation is between -2.5 feet and -1.5 feet NAVD, and approximately -2.25 feet NAVD where the proposed dock would sit in the channel. MLLW is 0.05 feet.



American Canyon Kayak Launch Recreational Feasibility Study

**Figure 13**  
Proposed Kayak Launch Concept at North Slough at the Bay Trail



American Canyon Kayak Launch Recreational Feasibility Study

**Figure 14**  
Cross Section – North Slough at the Bay Trail





American Canyon Kayak Launch Recreational Feasibility Study

**Figure 15**  
View of Existing Marsh and Landfill from North Slough at the Bay Trail Site

### ***Alternative Features***

#### **User Experience**

The adjacent landfill is of limited scenic value and blocks views of the Napa River from within the channel. There is a power line (may be relocated) as well as fencing at this location that limits its aesthetics. This location is expected to be muddy due to its adjacency to a large mudflat (Figure 16). In addition:

- This site is at the current terminus of North Slough, and would require paddling a minimum of approximately 1.27 miles before reaching the connection to Napa River.
- The channel is narrow.
- Paddlers would not be able to leave or return to the dock during the lowest monthly tides.





American Canyon Kayak Launch Recreational Feasibility Study

**Figure 16**  
Looking North from North Slough at the Bay Trail Site

### **Waviness**

The existing culverts contribute to high water velocity, which would be reduced in this alternative by replacing the undersized culverts with a bridge. This location is somewhat shielded from wave action.

### **Access (from Parking)**

This site is a third of a mile (over 1,700 feet) from the nearest public parking lot via an accessible path of travel (Eucalyptus Drive). The City may not be able to secure an easement from the landfill and CDFW for access for kayak drop-off to this location. The site does not offer the option to house a dolly to help users transport watercrafts to the launch from the nearest public parking lot.

### **Educational Tie-In**

This site is relatively far from the Eco Center (1.5 miles), and nearly half a mile from Napa Junction Magnet Elementary School.

## Potential Environmental Impacts

Roadway improvements (raising the roadway to elevation 12 feet to be resilient to sea level rise) would be the largest impacts to Waters of the US associated with this alternative: 0.28 acres of wetlands impacts. The dock and gangway would have an additional wetland impact of approximately 0.02 acres, for a total of 0.30 acres of wetland impacts for this alternative. Roadway improvements at this location would have an upland impact of approximately 1.4 acres. Impacts would be mitigated elsewhere in the Project.

## Safety

The existing road to this site provides direct emergency access to the kayak launch. The adjacent parking lot for the landfill provides ample space for emergency vehicles to turn around.

Replacing the existing culverts with a bridge would be a prerequisite for building a kayak launch under the North Slough at the Bay Trail alternative in order to avoid safety issues associated with the existing culverts. The 36" existing culverts are a safety hazard to people and dogs (Figure 17)—there have been reports of dogs getting pulled through the culverts in fast currents and drowning. Fencing has not been effective in keeping people and dogs out. The existing culverts would be replaced with a free-span bridge with adequate clearance between the water and bridge bottom to allow safe passage underneath.

A number of other safety considerations are at play for this alternative. Current velocity is relatively high at this site given the constrained profile of North Slough at the culverts. Additionally, kayak access to the north side of Eucalyptus Drive may be limited or non-existent during the lowest tides, resulting in the potential for boaters to get stranded in North Pond or the Napa River during a receding tide.



American Canyon Kayak Launch Recreational Feasibility Study

**Figure 17**  
Existing Culverts at North Slough at the Bay Trail Site

### Cost

Anticipated costs for this alternative would be moderate to high due to the dock, gangway, and related associated infrastructure needed. Replacing the culverts with a bridge is a cost associated with a separate habitat restoration-focused study. However, the incremental cost of a bridge high enough to provide clearance for paddlers to float underneath is significant. Costs for a gangway to a dock under this alternative could go up further depending on how the bridge is designed. The possible need to raise the roadway elevation to ensure the path of travel is at a high enough elevation to remain usable through at least 2075 would be an additional cost.

### Space

The tidal channel at this location is narrow – approximately 32 feet wide at Mean Higher-High Water (MHHW). Accommodating a 12-foot-wide dock at this location would leave approximately 14 feet of channel width to the west and 6 feet to the east of the dock for kayaks to pass each other and turn around at MHHW. At the expected low astronomical tides, this alternative will not have sufficient water to float a kayak.

## Alternative 3. Glass Beach

### *Alternative Description*

Glass Beach is a sand, gravel, mud, and shell beach (Figure 18) located on the Napa River at the end of a Bay Trail spur (Figure 19). The beach is about 1 mile from the nearest parking area at



Eucalyptus Drive and Wetlands Edge Road. Users would access the water from the parking area via the Bay Trail and an access mat across the beach. The site is not well suited to a dock given the site's considerable wave action.

The path of travel between the existing landfill parking area and Glass Beach would be upgraded to make the kayak launch accessible to ADA standards and accessible to emergency vehicles. A gravel road is not considered ADA accessible. Therefore, the existing gravel road would be paved. Upgrades would take the form of grading and paving the path of travel between the landfill parking lot and Glass Beach. Alternatively, motor vehicle access to the kayak launch could be provided on a limited basis from the public parking lot at Wetlands Edge Road. If vehicle access for kayak launch users were to be provided, improvements would include ADA parking stalls at the beach for universal access and additional gates, signage, and other road safety improvements along the route to the beach.

This Alternative includes an approximately 150-foot to 200-foot-long decomposed granite path leading from the Bay Trail to the start of an approximately 100-foot-long beach access mat (Figure 20). Appendix B shows several other options for an access path leading to the beach that were rejected due to the likelihood of erosion and poor performance of a natural surface path in the vicinity of Glass Beach.



American Canyon Kayak Launch Recreational Feasibility Study

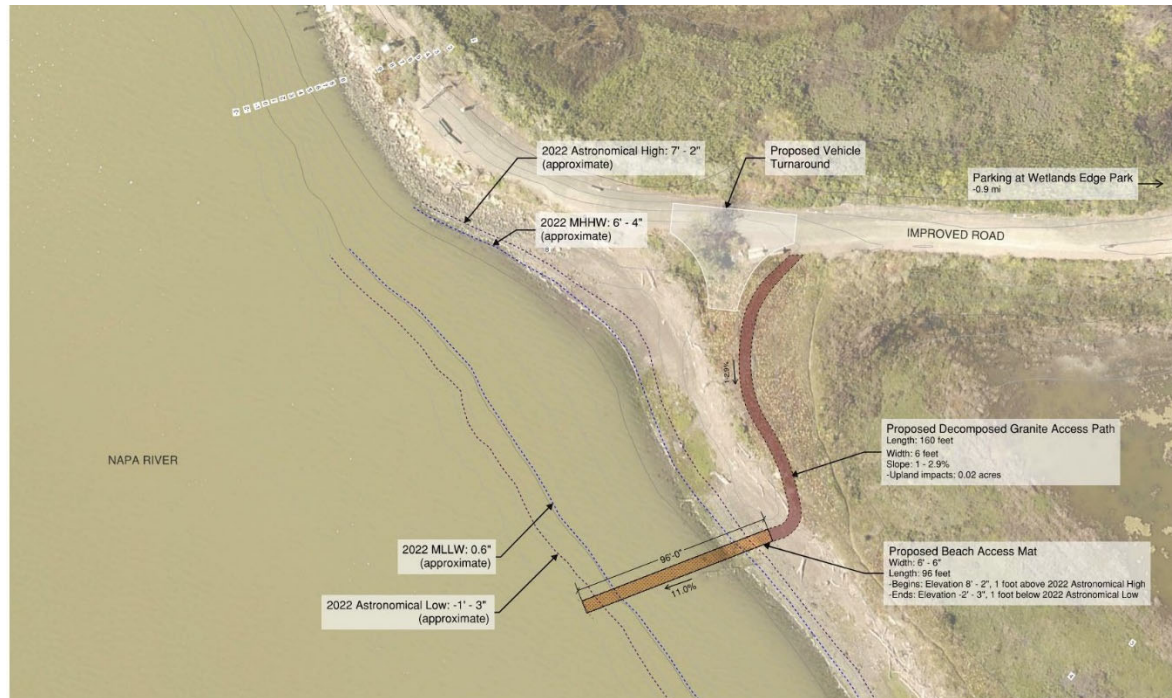
**Figure 18**  
Glass Beach looking South



American Canyon Kayak Launch Recreational Feasibility Study

**Figure 19**  
Glass Beach Site Location





American Canyon Kayak Launch Recreational Feasibility Study

**Figure 20**  
Proposed Kayak Launch Concept at Glass Beach

In order to enable water access at a range of water levels – and assuming the beach access mat extends from 1 foot above the astronomical high water level to 1 foot below the astronomical low water level – the mat would need to be approximately 96 feet long and would have a slope of approximately 11% (Figure 20). This is a relatively steep slope for an accessible water entry path of that length.

### **Alternative Features**

#### **User Experience**

The Glass Beach area has scenic expansive views of the Napa River and the wetland area adjacent to the American Canyon landfill.

For hikers and other users of the Bay Trail, providing motor vehicle access from the nearest public parking lot to the kayak launch site would significantly detract from the hikers' outdoor/natural experience.

#### **Waviness**

This site is not protected from waves or wind that can be significant along this stretch of the Napa River. Whitecaps that are not uncommon along this stretch of the Napa River make this location less suitable for novice and intermediate paddlers (Figure 21).



SOURCE: Isaac Swanson

American Canyon Kayak Launch Recreational Feasibility Study

**Figure 21**  
Glass Beach Area on a Breezy Day

### Parking Access

Glass Beach is nearly a mile (4,600 feet) from the nearest public parking lot at Eucalyptus Drive and Wetlands Edge Road. Members of the public can access Glass Beach via a series of controlled-access maintenance roads that make up the Bay Trail in this location (Figure 22). The distance from parking presents a significant drawback given public comments indicating (short) distance to parking being of high importance.<sup>6</sup>

Getting closer access to Glass Beach might be possible at about half that distance with permission from the Waste Management Authority and the construction of parking spaces along the Bay Trail near the landfill; however, adding vehicle access along this existing access route could be a safety hazard to the hikers and bikers who currently recreate on the trail.

<sup>6</sup> 72% of 45 public respondents to a City survey indicated that parking was their highest priority for the kayak launch (City of American Canyon 2022). Only 3% of survey respondents said they would be willing to walk up to 0.5 miles to a kayak launch. In addition, 1 of 17 community members who attended an October 25 public meeting for the Project said that the walk to Glass Beach with kayaks is a “rough, very rough, long” walk. The commenter advocated for a shorter walk or vehicular access for kayak drop-off. TAC members similarly commented during a July 28, 2022 TAC meeting that proximity to accessible parking for the kayak launch is critical. See Appendix C for additional detail.



SOURCE: Isaac Swanson

American Canyon Kayak Launch Recreational Feasibility Study

**Figure 22**  
Existing Access Trail to Glass Beach

### **Educational Tie-In**

This alternative is 1 mile from Napa Junction Magnet Elementary School and over 2 miles from the Eco Center.

### **Potential Environmental Impacts**

Roadway improvements (raising the roadway to elevation 12 feet to be resilient to sea level rise) and an emergency vehicle turnaround would be the largest impacts to Waters of the US associated with this alternative: 0.93 acres of impacts. Impacts to Waters of the US associated with the beach mat would be small, at 0.01 acres. Similarly, upland impacts associated with creating an accessible path of travel to Glass Beach and an emergency vehicle turnaround would be relatively small: 0.06 acres. Roadway improvements would create an additional 4.08 acres of upland impacts.

### **Safety**

The Glass Beach site has a number of potential safety hazards that would need to be addressed during the design.

- Glass Beach has a combination of polished and broken glass along with other remnants of the former landfill that sometimes surface. According to TAC input, submerged sharp glass is just offshore—hazardous if falling out of a boat or walking barefoot. Glass beach also has a rocky shoreline which could complicate the installation of a beach entry mat and present tripping or other injury hazards. These safety issues would be addressed through the excavation and removal of hazards.



- Pedestrians and bicyclists using the trail may conflict with automobile traffic driving to the kayak launch.
- Wave exposure may make the site unsafe for certain users at certain times.

### Cost

A water entry path-type kayak launch at Glass Beach would be relatively inexpensive to install. However, trail improvements to make this alternative accessible – via a paved accessible path of travel from the nearest accessible public parking or via a public roadway to Glass Beach with ADA parking – would be a large expense on top of costs needed to ensure the path of travel is at a high enough elevation to remain usable through at least 2075 given anticipated sea level rise. In addition, providing automobile access to the kayak launch site would increase trail maintenance along the automobile route and require vehicle barriers to ensure drivers stay on the appropriate kayak launch site route.

### Space

Glass Beach has ample space for a beach kayak launch, albeit at a relatively steep slope for an accessible kayak launch. The rocky shoreline could complicate the installation and maintenance of an even beach entry mat surface.

## 5. Alternatives Evaluation and Selection of the Preferred Alternative

The performance of the alternatives with respect to the evaluation criteria are summarized in Table 3, based on the detail presented in Section 4 above. Performance for each criterion is color-coded from high/most desirable (green), medium (orange), to low/least desirable (red). Use of color-coded ratings provide an easy and transparent way of identifying where alternatives perform similarly and where there are trade-offs. Not all criteria are valued equally by the City and stakeholders, so the ratings are not averaged or weighted.

### Preferred Alternative

Based on input from the public and the TAC, and the alternatives evaluation summarized in Table 3, The North Slough at the Corporation Yard (Figure 7) is the preferred alternative. The alternative performs well (green) for nearly all the evaluation criteria and received strong support from stakeholders and the public.

Importantly, this alternative performs best for distance from the parking area and educational tie in, both highly valued by stakeholders and the public. The distance to parking is much less (900 ft) than for the other alternatives (1700 ft and 4600 ft). The potential for synergy with educational programming at the Eco Center is valuable and unique to this alternative, due to its proximity to the future Center and capacity for larger groups. This alternative provides closeness to bathrooms, vehicle parking, and access to a trolley that can tow a kayak between the launch site and parking lot. The channel's depth and width allow space for the construction of a dock large enough to

provide multiple recreational and educational opportunities in addition to operating as a kayak launch.

The spacious channel, adequate water depths, and low waviness lend themselves to a much easier, reliable, integrated, and welcoming paddling experience than at other sites. The site offers multi-directional paddling opportunities and panoramic marsh views. In addition, the relatively deep, wide channel allows space for access at all tide levels.

This alternative has the fewest impacts to Waters of the US of the three alternatives considered. While this alternative impacts approximately 0.29 acres of wetlands and other Waters of the US, there is potential for associated wetland restoration by removing the unused part of the path near the dock, and by building additional restoration into the larger Project. Costs are moderate for this alternative, largely driven by the need for a long boardwalk, but also due to the larger dock size to accommodate groups. The City intends to seek grant funding for construction of the Project. The strong performance and high level of support for this alternative will make it more appealing to funding entities.

All things considered, the North Slough at the Corporation Yard site offers greater comfort, beauty, and opportunity to a wider range of users with varying ages, mobilities, and experience levels.

## Alternatives Not Selected

The North Slough at the Bay Trail Alternative was not selected as it is further from parking than the preferred alternative, doesn't offer the educational tie-in with the EcoCenter, performs somewhat worse for user experience, and performs worse for safety (given the shallow channel depths) and space.

Glass Beach is least preferred because, according to public input, it is prohibitively far from parking. Additionally, it doesn't offer the educational tie-in with the EcoCenter, performs somewhat worse for safety given the longer distance for emergency vehicle access and wavier site conditions, and would require expensive roadway upgrades to create an accessible path of travel to the beach. Alternatives 2 and 3 contemplate converting a portion of nonmotorized trails to limited vehicle access. If this conversion were to occur, it would add safety conflicts and detract from the natural experience of the Napa River wetlands.

**TABLE 3  
ALTERNATIVES EVALUATION**

Location	Bay Water Trail User Experience	Waviness	Access (from Parking)	Connection to Bay Water Trail	Educational Tie-In	Wetland Impacts	Safety	Cost	Space
<b>North Slough at Corporation Yard</b>	High (Panoramic Views)	Low	High (900 feet to parking)	High	High	Low (0.29 ac; boardwalk over 200 feet of tidal marsh; potential local mitigation of 0.09 ac)	High	Medium (Boardwalk Access)	High
<b>North Slough at the Bay Trail</b>	Medium	Low	Medium (1,700 feet to parking)	High	Low	Low (0.30 ac)	Medium (no water at expected low astronomical tides)	Medium (Bridge enhancements for consistency with kayak launch; replacing the existing culverts is considered separately)	Medium (narrow channel)
<b>Glass Beach (Napa River)</b>	High (Napa River)	Medium	Low (4,600 feet to parking)	High	Low	Medium (0.94 ac for road improvements and beach access mat)	Medium (distance for emergency access, waves/wind; requires removal of landfill debris)	Medium (accessible path of travel improvements to roadway; cost of excavating sharp or hazardous objects could increase costs above those stated here)	High

## 6. References

- California State Coastal Conservancy. 2015. San Francisco Bay Area Water Trail Accessibility Plan. January.
- City of American Canyon. 2022. American Canyon Restoration Plan. Public Meeting. 25 October.
- City of American Canyon. 2022. American Canyon Wetlands Restoration Plan Community Survey. November.
- Cooper, Brent. 2023. City of American Canyon. Personal Communication.
- ESA (Environmental Science Associates). In progress. American Canyon North Levee Hydrologic Connection Options – Hydrological Modeling Memo. Prepared for City of American Canyon by ESA.
- ESA (Environmental Science Associates). 2022. Phase 1 Environmental Site Assessment.
- FEMA (Federal Emergency Management Agency). 2016. Flood Insurance Study Napa County California and Incorporated Areas. Flood Insurance Study Number 06055CV000C. August. Napa County; 2016; Napa County Vegetation Map.
- NOAA CO-OPS Tidal Analysis Datum Calculator. NOAA Richmond Tide Gauge. Accessed October 2022. <https://access.co-ops.nos.noaa.gov/datumcalc/>
- OPC (Ocean Protection Commission). 2018. [https://opc.ca.gov/webmaster/ftp/pdf/agenda\\_items/20180314/Item3\\_Exhibit-A OPC SLR Guidance-rd3.pdf](https://opc.ca.gov/webmaster/ftp/pdf/agenda_items/20180314/Item3_Exhibit-A OPC SLR Guidance-rd3.pdf)
- San Francisco Estuary Institute and Aquatic Sciences Center. 2017. Bay Area Aquatic Resource Inventory (BAARI) Version 2.1 GIS Data.
- Sellick, Janelle. 2022. Personal Communication.
- State of California. 2018. Sea-level Rise Guidance Document. 2018 Update. Accessed 17 January 2023. <https://www.slc.ca.gov/sea-level-rise/state-of-california-sea-level-rise-guidance-2018-update/>
- Technical Advisory Committee. 2022. American Canyon Wetlands Restoration Project. 27 July 2022 meeting.
- United States Access Board. 2023. Accessible Boating Facilities: A Summary of Accessibility Guidelines for Recreation Facilities. June.
- Williams, Philip B., Michelle K. Orr, Nicholas J. Garrity. 2002. Hydraulic Geometry: A Geomorphic Design Tool for Tidal Marsh Channel Evolution in Wetland Restoration Projects. Restoration Ecology. Volume 10, Issue 3. Pages 577-590. September.



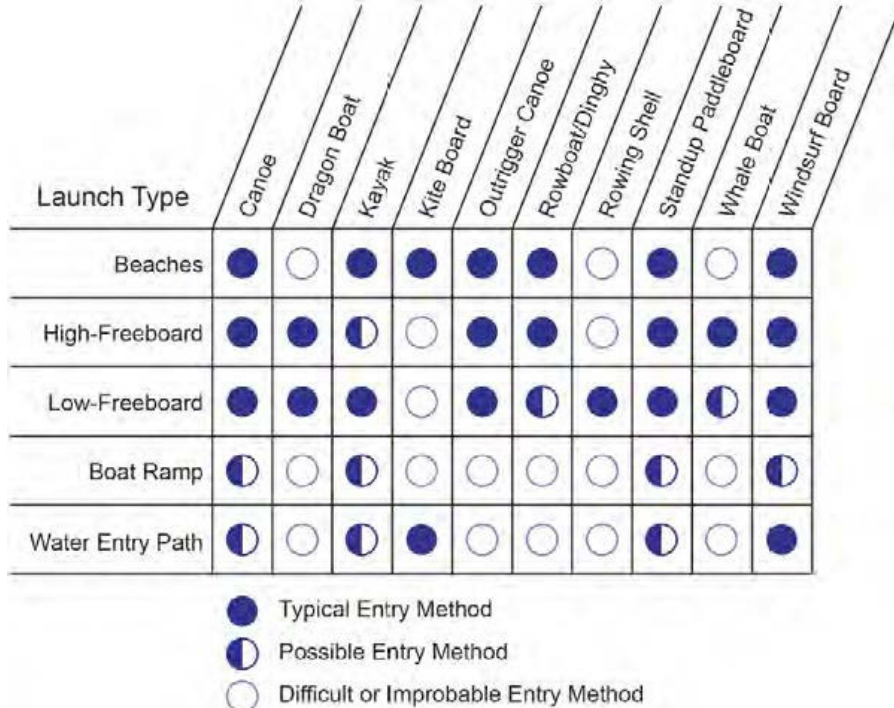
# ATTACHMENT A

## Accessibility Requirements and Launch Types

California Building Code and ADA regulations require that the boat launch be reachable via an accessible path of travel from the nearest public parking area. An accessible path of travel must have a cross slope of no greater than 2%, a running slope of no more than 5% for inclines greater than 30 feet in length, and landings at least every 30 feet for ramps with slopes between 5% and 8.33%. Other accessibility requirements are specific to the type of launch facility.

### Types of accessible boat launches

There are five primary types of boat launch facilities that can be found around San Francisco Bay: beaches, high-freeboard docks, low-freeboard docks, boat ramps, and water entry paths. Each launch type is more suitable for certain types of boats and launch locations than others (Figure A-1). The two types of boat launch facilities pertinent for the American Canyon kayak launch are beaches and low-freeboard docks with gangways. High-freeboard docks, boat ramps and water entry paths are not suitable for the kayak launches being considered at American Canyon for reasons discussed below.



SOURCE: San Francisco Bay Area Water Trail Accessibility Plan, 2015

American Canyon Kayak Launch Recreational Feasibility Study

**Figure A-1**  
Launch Types and Boats

## **Beaches**

At beach launches, paddlers walk into the water with their boats to launch (Figure A-2). Of the sites being considered, only Glass Beach qualifies for this kind of launch type.

Bay Area parks increasingly provide accessible mats across beaches to facilitate easy wheelchair, walker, and stroller access across sand (Figure A-2).



SOURCE: Port of San Francisco

American Canyon Kayak Launch Recreational Feasibility Study

**Figure A-2**  
Beach Ramp at Crane Cove Park, San Francisco

## **High Freeboard Docks with Gangways**

High freeboard docks float more than 9” above water surface. They are usually used for launching and boarding sailboats, motorboats, or whaleboats (Figure A-3). People with disabilities can board small watercraft from high freeboard docks with transfer systems (adaptive equipment like lifts, hoists, or harnesses and pulley systems), but these are usually used only in supervised situations with lifeguards on duty. The kayak launch at American Canyon will not have a lifeguard on duty. The Bay Area Water Trail Accessibility Plan does not consider high freeboard docks to be suitable for unsupervised kayak launches around the bay. Accordingly, this study does not include any high freeboard docks in its design alternatives.



SOURCE: San Francisco Bay Area Water Trail  
Accessibility Plan

American Canyon Kayak Launch Recreational Feasibility Study

**Figure A-3**  
Cuttings Wharf Boat Ramp and High-Freeboard Dock



### **Low-freeboard docks with gangways**

Low-freeboard docks are characterized by a dock surface within 9” of the water surface. Low-freeboard docks move up and down vertically with the tides. These docks are often used for launching small watercraft like kayaks because their low height profile makes them well-suited for small boats to access to the water. The San Francisco Bay Area Water Trail Accessibility Plan points out that “low-freeboard docks are often preferred over high-freeboard docks by persons with disabilities” for this reason. Docks are not inexpensive, but they keep people from getting wet or muddy while launching their kayaks (Coastal Conservancy 2015).

Gangways are accessible ramps to docks. Gangways are used at Bay Area kayak launches such as Cullinan Ranch (Figure A-4). The upper elevation end of a gangway connects to adjacent platforms/pathways on land and is fixed in place. The lower elevation end of a gangway rests on the dock the gangway provides access to, and the lower elevation end of a gangway is not fixed in place so that the gangway can rise and fall with the tide. Transition plates are often used between a gangway and a dock to provide a smooth transition between slopes. Gangway slopes will vary throughout the day depending on the tide. Gangways must be at least 4 feet wide and have a cross slope of no more than 2%. Running slope for gangways over 30 feet in length that serve a kayak launch with less than 25 boat slips can be steeper than 8.33% if needed. Gangways must have handrails, unlike docks.



SOURCE: ESA

American Canyon Kayak Launch Recreational Feasibility Study

**Figure A-4**  
Gangway at Cullinan Ranch



Transfer step systems, roll ramps, grab bars, and finger docks can be used to help make getting into a boat from a low-freeboard dock more accessible for persons using wheelchairs. Transfer systems can include a transfer platform, transfer steps, and transfer grab bar(s) as shown in Figure A-5.

- A transfer platform is at about the same height as a wheelchair seat (about 18 inches).
- Transfer steps are intermediate levels between the transfer platform and the dock level. Ideally, transfer systems have two transfer steps, one at 12 inches and one at 6 inches above the dock surface.
- Grab bars are solid bars—typically metal—that boaters can grab onto when getting in and out of their boat (Figure A-5).



SOURCE: Framington Source.  
<https://framingsource.com/index.php/2022/10/09/all-access-kayak-canoe-launch-proposal-for-lake-waushakum-seeks-community-preservation-committee-funding/>

American Canyon Kayak Launch Recreational Feasibility Study

**Figure A-5**  
Transfer Platform, Transfer Steps, and  
Grab Bars at an Accessible Dock

Finger docks are projecting sections of dock that provide U-shaped alcoves sized for a kayak to enter. They provide more fixed places for a boater to hold onto when in their boat (Figure A-6).

Toe boards can be used as edge stops and detectable barriers (Figure A-6), but they also pose a tripping hazard.



SOURCE: ESA.

American Canyon Kayak Launch Recreational Feasibility Study

**Figure A-6**  
Finger dock with grab bar and toe boards at Cullinan Ranch Boat Launch, Napa County



Docks can have rollers for easy loading of small boats (Figure A-7).



SOURCE: The Dock Doctors

American Canyon Kayak Launch Recreational Feasibility Study

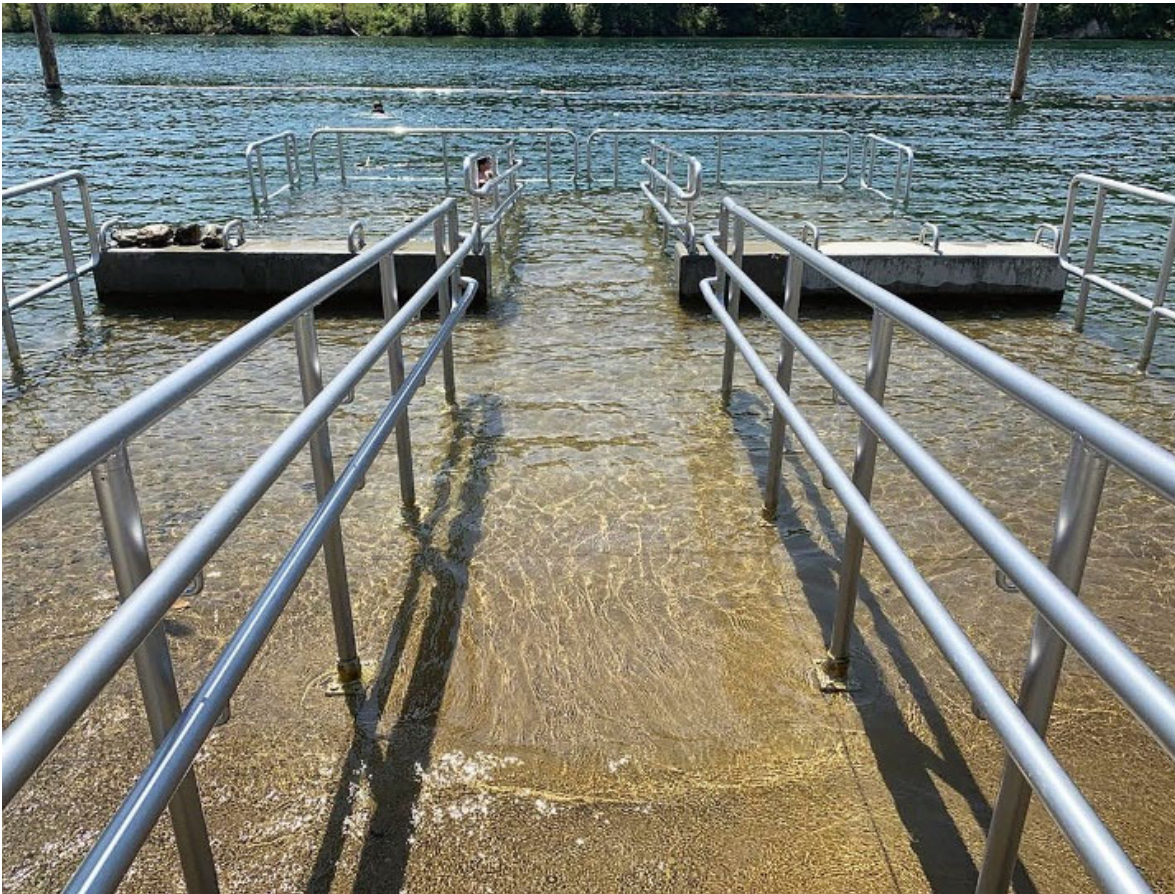
**Figure A-7**  
Rollers at Low-Freeboard Kayak Launch

### ***Boat ramps***

Boat ramps are usually designed to be steep for use with launching sailboats or motorboats from trailers (Figure A-3). Boat ramps are sometimes used in conjunction with high freeboard docks. The slopes and materials used for boat ramps often results in them being very slippery. For these reasons, boat ramps are not well-suited to an accessible kayak launch.

## **Water Entry Paths**

Water entry paths are walkways leading directly from land into a body of water. They can be used for access to the water on beaches, gravel, packed earth, or concrete. (Figure A-8). Ramps need to be at a slope considered to be accessible per California building code: less than 5% slope for distances over 30 feet, and not exceeding 8.33% for distances under 30 feet. Water entry paths are less costly than docks and are suitable launch types for people with good mobility and fitness. However, in San Francisco Bay, water entry paths often get very muddy and slippery when wet due to the regional prevalence of soft bay mud. Getting stuck in the mud is a safety issue. Anecdotally, people in watercrafts have gotten stuck in the mud during low tide in the Napa River and have needed to wait until the tide rose to free their vessel (Technical Advisory Committee 2022). For these reasons, this study recommends against using water entry paths for the City’s kayak launch facility.



SOURCE: Coeur d'Alene Press

American Canyon Kayak Launch Recreational Feasibility Study

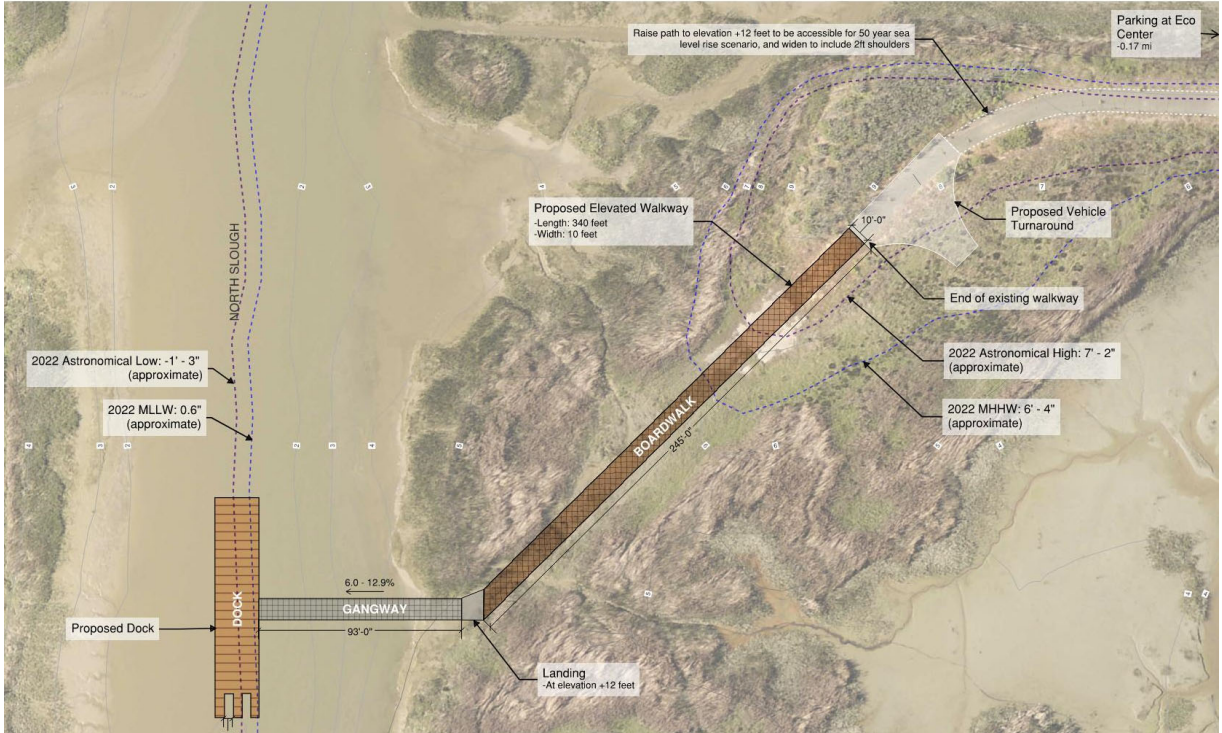
**Figure A-8**  
Water Entry Path at Atlas Park, Coeur d'Alene, Idaho



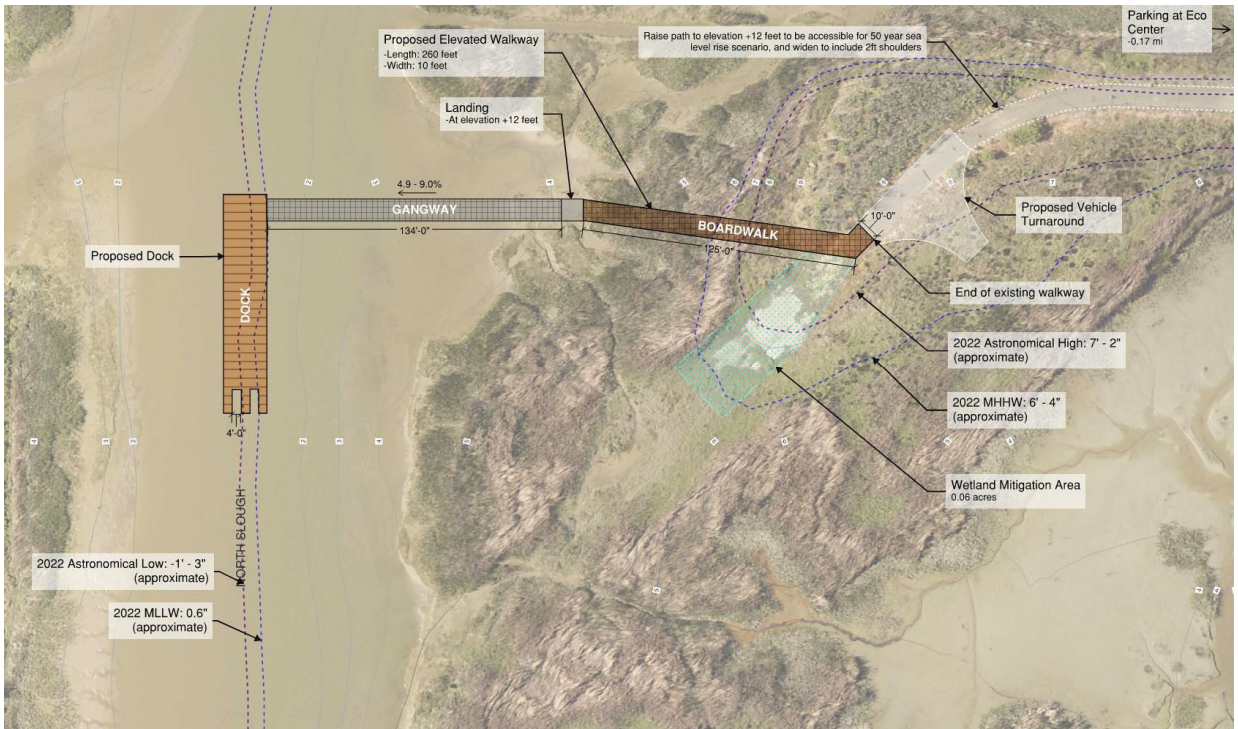
## **ATTACHMENT B**

---

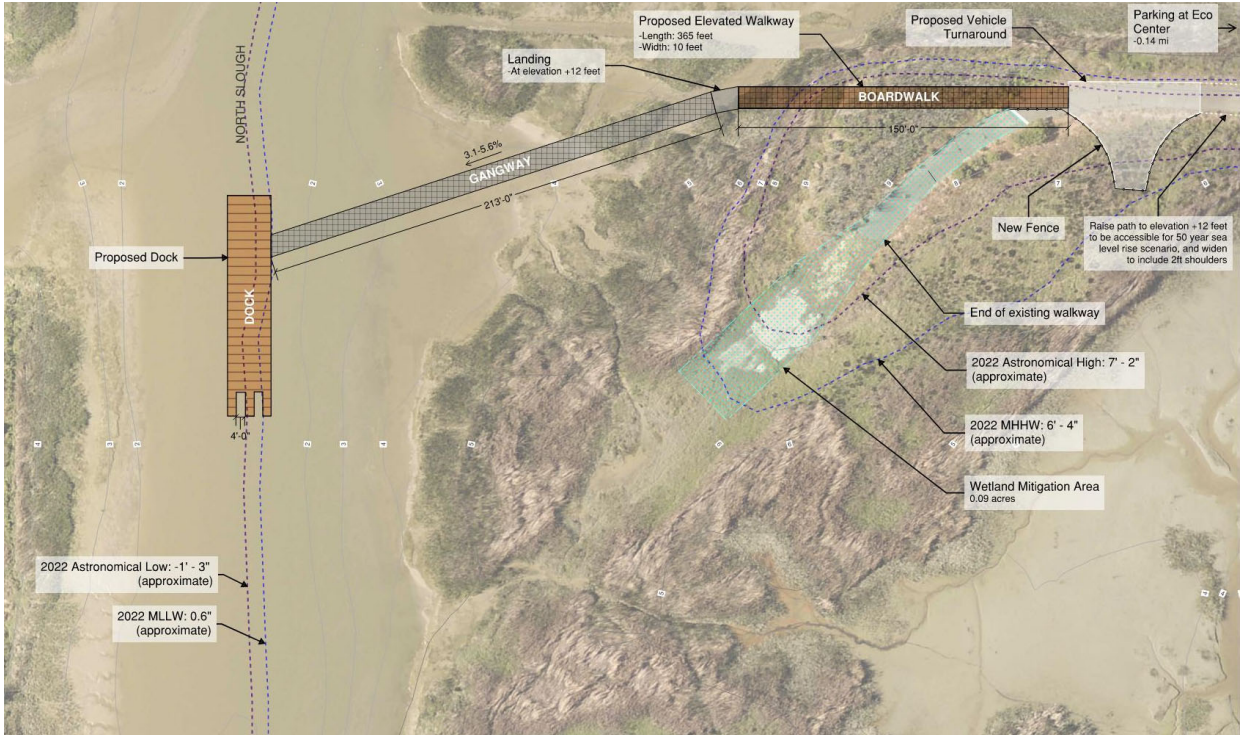
# **Kayak Launch Alternative Alignments Concept Figures and Impacts**



**Figure B-1**  
North Slough at Corporation Yard – Option A

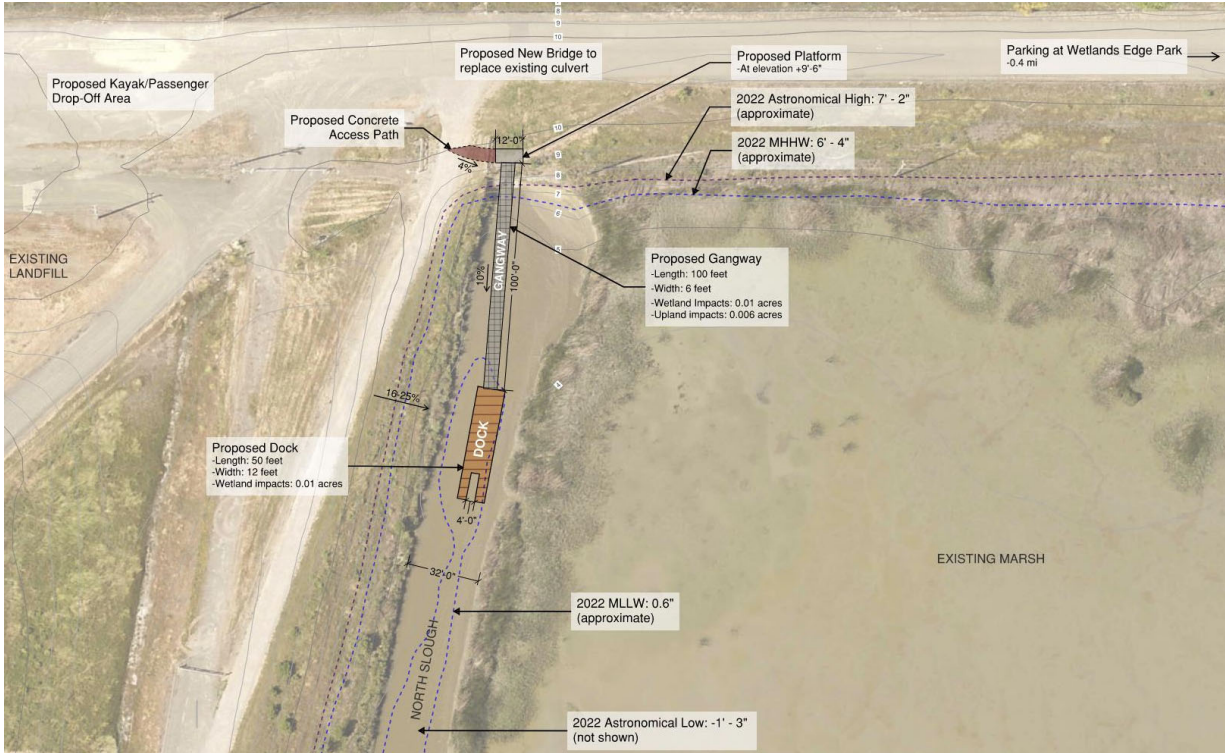


**Figure B-2**  
North Slough at Corporation Yard – Option B

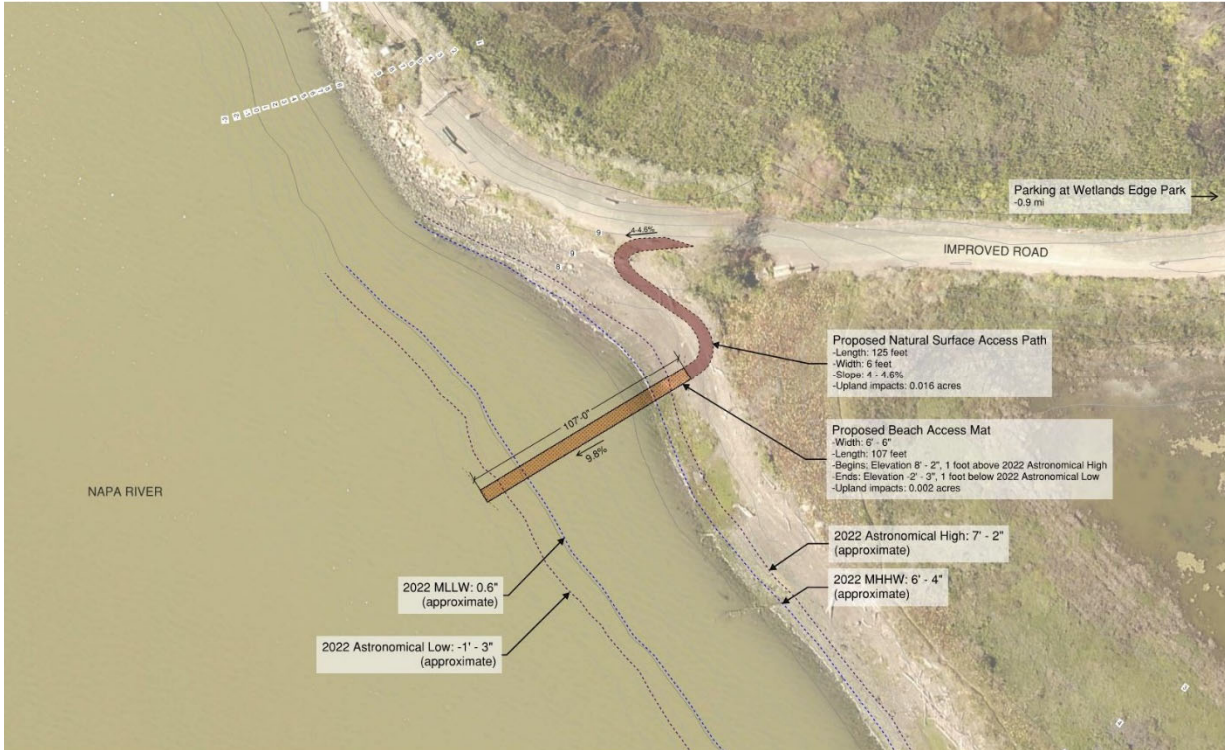


**Figure B-3**  
North Slough at Corporation Yard – Option C (preferred)



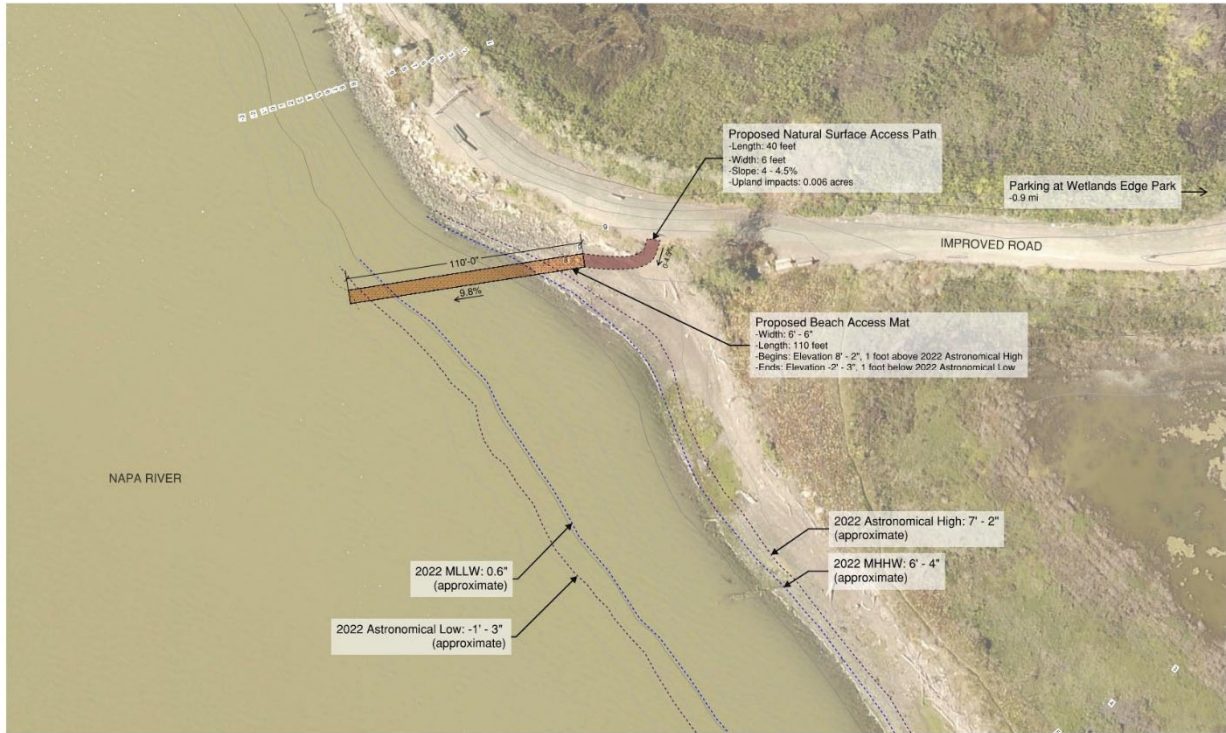


**Figure B-4**  
North Slough at the Bay Trail

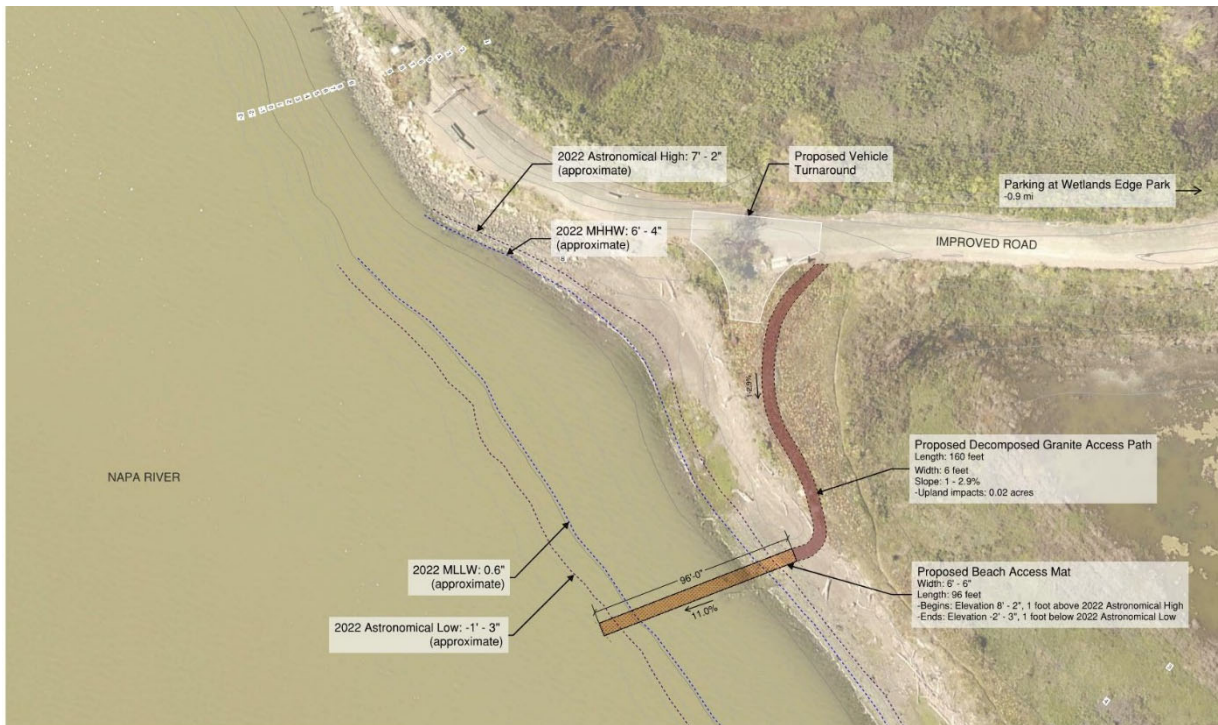


**Figure B-4**  
Glass Beach – Option A





**Figure B-5**  
 Glass Beach – Option B



**Figure B-6**  
 Glass Beach – Option C (Preferred)

# ATTACHMENT C

---

## Community and Technical Advisory Committee Input

### Community Outreach Feedback

The City collected public feedback through an online survey that was posted for several weeks in October and November 2022 and also during a public meeting on October 25.

#### ***Public Meeting Comments***

17 members of the public attended an October 25 public meeting about the Project via videoconference. Comments raised by members of the public that were pertinent to the kayak launch location included:

- The walk to Glass Beach with kayaks is a “rough, very rough, long” walk. The commenter advocated for a shorter walk or vehicular access for kayak drop-off.
- Glass Beach can be rough.
- Several commenters noted that they would prefer to access the kayak launch from proposed the Eco Center location.
- One person commented that they wanted to be able to launch their non-motorized outrigger canoe from the kayak launch with room to pass an outrigger canoe on shore and in the water.
- One person suggested closing a lane of traffic on Wetlands Edge Drive for more parking.

#### ***Survey Responses***

The City gathered survey responses regarding the kayak launch in late October 2022. 45 members of the public answered the survey questions. (City of American Canyon 2022).

#### **Top Respondent Priorities**

72% of survey respondents stated that proximity to parking was their highest priority for the kayak launch. 30% indicated their second priority was proximity to restrooms. 27% of respondents said their second priority was available space for equipment staging. 24% of respondents said their third priority was available water for cleaning equipment (39% of respondents listed this as their fourth priority). Respondents listed their remaining priorities in descending order as proximity to benches/tables, shelter from wind and wave action, and ADA accessibility.

#### **Distance from Parking**

The distances from parking for each potential kayak launch site are as follows:

- North Slough at Corporation Yard: 900 feet (0.17 mile)
- North Slough at the Bay Trail: 1700 feet (0.33 mile)

- Glass Beach: 4600 feet (0.87 mi)

Of the 36 people who answered the question about how far they would be willing to walk their kayak/boat from the nearest parking/drop-off location, 22% said up to 100 feet, 25% said up to 600 feet (0.1 mile), and nearly 20% said they would walk up to 1,300 feet (0.25 mile). Only 1 respondent (3%) said they would walk up to 2,600 feet (0.5 miles). Nobody said they would walk more than half a mile to the kayak launch. (30% of respondents said they wouldn't use the kayak launch. These responses underscore how important proximity to parking is for selection of the kayak launch.

### **Boat Types**

Of the 40 people who responded to the question about what kind of boat they would like to launch from a new American Canyon kayak launch, 65% said they would launch a kayak, 25% a paddleboard, 2.5% would kite surf, 15% an inflatable raft, 32% no boat, and 10% other boat (other boats listed included peddle boat, canoe, outrigger canoe, and power boat). Implications for the Project are that the Project should ensure that the kayak launch server kayakers and paddleboarders with sufficient flexibility for people to launch similar types of watercraft. (Launching powerboats is beyond the scope of this report).

### **Other Survey Feedback**

Other survey respondent comments pertinent to the kayak launch (in approximate order of frequency) included requests for protecting wildlife, wildlife viewing platform, new trails, bike racks, additional parking, kayak rentals, kayak drop-off, speed bumps, restrooms, providing dog poop bags, trash bins, restricting duck hunting, concerns about overcrowding, aversion to a rocky launch like at Green Island Rd, and appreciation for the folks who are working at making the kayak launch a reality.

## **Technical Advisory Committee Feedback**

The TAC worked with the Project team to develop a set of criteria to assess how well each alternative performs with respect to the Project objectives. TAC representatives weighed in on the pros and cons of each of the three alternative sites<sup>1</sup> during a July 28, 2022 TAC meeting. A follow up meeting was held on August 31, 2022 with one of the TAC members who was unable to attend the original meeting date. The TAC is comprised of:

- American Canyon Community and Parks Foundation – Janelle Sellick
- Napa Open Space District Board – Barry Christian
- Napa County Water and Flood Control District – Jeremy Sarrow
- California Department of Fish and Wildlife (CDFW) – Karen Taylor
- Napa County Resource Conservation District – Martin Perales
- North Coastal Regional Water Quality Control Board – Xavier Fernandez
- California Coastal Conservancy – Avra Heller

---

<sup>1</sup> The TAC also weighed in on a 'side channel' alternative location at the Corporation Yard site that was later found to be infeasible.

- Parks & Open Space Board

The TAC provided general feedback that proximity to accessible parking for the kayak launch is critical, that it's important for the kayak launch to be ADA accessible, and that access to the water is more critical than access directly to the Napa River. Specific feedback on the kayak launch locations are as follows:

### **North Slough at Corporation Yard**

The TAC expressed that a connection to the Eco Center and its associated infrastructure (ADA restrooms, parking) and educational programming is a big plus. Members expressed that having a dolly at the Eco Center would be desirable if that is the location where the kayak launch gets built. Another TAC member noted that at other kayak launch locations, owners had trouble preventing dollies from falling into the water, and therefore this wasn't recommended. The TAC thought that the North Slough location would be of medium difficulty to permit and that the distance to the Napa River is not a drawback.

### **North Slough at the Bay Trail**

One TAC member stated that if the kayak launch is built at the North Slough at the Bay Trail site, the existing controlled-access road that goes there should be opened up for kayak drop-off provided that the City can get an easement in place for access to that location. They commented that the current flows swiftly at this location but that the site could work if the existing culverts are replaced with a bridge with a natural bottom. The TAC supported removing the public safety hazards at the culverts: one TAC member noted that dogs have gotten pulled through the culverts and have drowned. They said that the fencing has not been effective in keeping dogs and people out of the channel at this location. The TAC indicated that this site would be relatively straightforward to permit.

### **Glass Beach**

The TAC pointed out that one of the desirable traits of Glass Beach is that the site would be relatively straightforward to permit.

The TAC pointed out that the Glass Beach site has several safety and logistical downsides, however:

- Glass Beach has polished glass and some broken glass that presents a safety issue to people launching or falling out of boats.
- Historical landfill practice was to bulldoze garbage to the river's edge and burn. Soil sampling in the pond showed high creosote levels (consistent with burning).
- Glass Beach is a long way from parking.

## **Project Partners**

The Eco Center would not run kayak trips but is interested in partnerships with other organizations.



# ATTACHMENT D

## Alternatives Detailed Calculations

TABLE D-1  
FEATURES, DIMENSIONS, AND IMPACTS TABLE<sup>2</sup>

LOCATION	FEATURE	DIMENSIONS		IMPACT (acres)					Potential Wetland Restoration (acres)
		Length (feet)	Width (feet)	Wetland	Overwater	Developed	Upland	Total	
North Slough at Corporation Yard	Boardwalk/Gangway	360	10	0.04	0.02	0.03	-	0.08	0.09
	Dock	100	20	-	0.05	-	-	0.05	
	Raise Elevation of Existing Levee Trail	590	10	0.15	-	0.48	-	0.63	
	Emergency Vehicle Turnaround	-	-	0.03	-	0.04	-	0.07	
	<b>Total</b>	-	-	<b>0.22</b>	<b>0.07</b>	<b>0.55</b>	-	<b>0.83</b>	
North Slough at the Bay Trail	Gangway	100	6	0.01	-	-	0.01	0.02	-
	Roadway Improvements	1,200	10	0.28	-	-	1.40	1.68	
	Dock	50	12	0.01	-	-	-	0.01	
	<b>Total</b>	-	-	<b>0.30</b>	-	-	<b>1.41</b>	<b>1.71</b>	
Glass Beach	Accessible Path	150	6	-	0.01	-	0.02	0.03	-
	Emergency Vehicle Turnaround	-	-	0.04	-	-	0.04	0.07	
	Roadway Improvements	4,000	10	0.83	0.06	-	4.08	4.97	
	<b>Total</b>			<b>0.87</b>	<b>0.07</b>	-	<b>4.14</b>	<b>5.07</b>	

American Canyon Kayak Launch Recreational Feasibility Study

<sup>2</sup> A formalized wetland delineation was not conducted as part of this project. These wetland impacts are based on existing habitat mapping provided in the Bay Area Aquatics Resources Inventory (BAARI) database and Napa County's fine scale vegetation map. A formalized wetland delineation and Army Corps verification is needed for project permitting.



Appendix B  
**North Slough Trail Resilience  
and Habitat Restoration  
Feasibility Study**





# AMERICAN CANYON WETLANDS RESTORATION

## North Slough Trail Resilience and Habitat Restoration Feasibility Study

Prepared for  
City of American Canyon

June 8, 2023



# AMERICAN CANYON WETLANDS RESTORATION

## North Slough Trail Resilience and Habitat Restoration Feasibility Study

Prepared for  
City of American Canyon

June 8, 2023

180 Grand Avenue  
Suite 1050  
Oakland, CA 94612  
510.839.5066  
esassoc.com



Bend	Orlando	San Jose
Camarillo	Pasadena	Santa Monica
Delray Beach	Petaluma	Sarasota
Destin	Portland	Seattle
Irvine	Sacramento	Tampa
Los Angeles	San Diego	
Oakland	San Francisco	

**OUR COMMITMENT TO SUSTAINABILITY** | ESA helps a variety of public and private sector clients plan and prepare for climate change and emerging regulations that limit GHG emissions. ESA is a registered assessor with the California Climate Action Registry, a Climate Leader, and founding reporter for the Climate Registry. ESA is also a corporate member of the U.S. Green Building Council and the Business Council on Climate Change (BC3). Internally, ESA has adopted a Sustainability Vision and Policy Statement and a plan to reduce waste and energy within our operations. This document was produced using recycled paper

# TABLE OF CONTENTS

## American Canyon Wetlands Restoration, North Slough Trail Resilience and Habitat Restoration Feasibility Study

	<u>Page</u>
<b>1. Introduction.....</b>	<b>1</b>
1.1 Goals and Objectives .....	1
1.2 Planning Process .....	2
<b>2. Site Conditions .....</b>	<b>3</b>
2.1 Site History and Land Use .....	6
2.2 San Francisco Bay Trail.....	8
2.3 Climate .....	9
2.4 Topography .....	9
2.5 Tides and Hydrology .....	12
2.6 Sea Level Rise .....	13
2.7 Biology.....	16
2.8 Cultural Resources.....	17
2.9 Hazardous Materials .....	18
<b>3. North Slough Pond Restoration Alternatives Development and Evaluation.....</b>	<b>19</b>
3.1 Potential North Slough Pond Restoration Actions .....	19
3.2 North Slough Pond Restoration Alternatives .....	21
3.3 North Slough Pond Restoration Alternatives Evaluation and Selection .....	30
<b>4. Bay Trail Resilience Alternatives .....</b>	<b>32</b>
4.1 Potential Bay Trail Resilience Actions .....	32
4.2 Bay Trail Resilience Alternatives .....	33
4.3 Alternatives Evaluation .....	38
<b>5. Selection of a Recommended Project Alternative.....</b>	<b>39</b>
<b>6. Next Steps .....</b>	<b>41</b>
<b>7. References .....</b>	<b>41</b>

### Appendices

A. Community and Technical Advisory Committee Input .....	A-1
B. Biological Resources Memo .....	B-1
C. Phase I Environmental Site Assessment .....	C-1
D. American Canyon Wetlands Restoration Project – North Slough Hydraulic Modeling Memo.....	D-1

## List of Figures

- Figure 1. Project Location  
 Figure 2. Land Ownership in the Project Area  
 Figure 3. Historical Topographic Map, 1902  
 Figure 4. Historical Topographic Map, 1949  
 Figure 5. Existing Trail Elevations at the Project Site  
 Figure 6. Project Site Topography  
 Figure 7. Existing Conditions: Culverts at the San Francisco Bay Trail at North Slough at Low Tide  
 Figure 8. Adapting to Rising Tides Sea Level Rise Scenarios  
 Figure 9. North Slough Pond No-Project Alternative (Existing Conditions)  
 Figure 10. North Slough Pond Alternative 1: Muted Tidal  
 Figure 11. North Slough Pond Alternative 2: Full Tidal  
 Figure 12. North Slough Pond Trail Alternatives  
 Figure 13. North Slough Pond Recommended Alternative

## List of Tables

Table 1 Flood Levels and Tidal Datums for the Project Area at the Napa River .....	12
Table 2 Conceptual Impacts and Material Necessary for Proposed Enhancement Elements .....	27
Table 3 Summary Evaluation of North Slough Pond Restoration Alternatives .....	31
Table 4 Summary of Project Alternatives for Bay Trail Resilience.....	34
Table 5 Summary Evaluation of the Bay Trail Resilience Alternatives .....	39

## Acronyms and Other Abbreviations

Bay Trail	San Francisco Bay Trail
BCDC	San Francisco Bay Conservation and Development Commission
California Register	California Register of Historical Resources
CEQA	California Environmental Quality Act
City	City of American Canyon
CREC	Controlled Recognized Environmental Condition
ESA	Environmental Science Associates
HEC-RAS	Hydrologic Engineering Center River Analysis System
HOWL	Highest Observed Water Level
HREC	Historical Recognized Environmental Condition
LOWL	Lowest Observed Water Level
MHHW	Mean Higher-High Water
MHW	Mean High Water
MLLW	Mean Lower-Low Water
MLW	Mean Low Water
MSL	Mean Sea Level
National Register	National Register of Historic Places
NAVD	North American Vertical Datum of 1988
NHPA	National Historic Preservation Act
NOAA	National Oceanic and Atmospheric Administration
North Slough Study	North Slough Trail Resilience and Habitat Restoration Feasibility Study
Project	American Canyon Wetlands Restoration Plan Project
REC	Recognized Environmental Condition



# AMERICAN CANYON WETLANDS RESTORATION

## North Slough Trail Resilience and Habitat Restoration Feasibility Study

### 1. Introduction

The North Slough Trail Resilience and Habitat Restoration Feasibility Study (North Slough Study) provides the conceptual design for improvements for the San Francisco Bay Trail (Bay Trail) and habitat enhancements in the North Slough Pond area in support of the American Canyon Wetlands Restoration Plan Project (Project). The Project, led by the City of American Canyon (City), proposes nature-oriented public access, recreation, and educational opportunities along North Slough and the lower Napa River at the city of American Canyon (**Figure 1**). This study evaluates culvert repair and replacement, levee improvements, and habitat enhancement alternatives to prevent flooding, reduce erosion, and improve habitat conditions at the site.

This report is one of three feasibility studies conducted by Environmental Science Associates (ESA) in support of the Project. The other two studies assess opportunities for a kayak launch (completed) and restoration and recreational opportunities near the Corporation Yard (in progress). All three studies will inform the American Canyon Wetlands Restoration Plan, which will provide additional background on existing conditions and opportunities beyond those presented in this report.

#### 1.1 Goals and Objectives

The Project goal is to restore and enhance a mix of wetland habitats and to provide nature-oriented public access, recreation, and educational opportunities along North Slough and the lower Napa River at the City of American Canyon. The Project objectives are to:

- Restore or enhance wetland and associated upland habitats to:
  - Support increased abundance and diversity of native species in various Napa River wetlands aquatic and terrestrial ecosystems.
  - Benefit special-status species that rely on the Napa River wetlands.
  - Maintain or increase habitat connectivity within wetlands and between wetlands and uplands to support species migration, refugia, and climate resilience.
- Increase public access and recreational opportunities compatible with wildlife and habitat goals.

- Support the development of an educational facility that serves the community and fosters environmental stewardship.
- Increase the resilience of public access to sea level rise and flooding.
- Reduce long-term maintenance obligations.

This North Slough Study additionally aims to:

- Improve safety and reduce scour and erosion of the Bay Trail at the North Slough culverts.
- Improve sea-level-rise resilience and reduce future maintenance obligations along the Bay Trail.
- Enhance habitats at the North Slough Pond.

The projects must also be feasible to fund, permit, and construct. Implementation and long-term maintenance costs are also a consideration.

## 1.2 Planning Process

The City of American Canyon retained ESA to complete the restoration plan for the Project. The City and ESA together form the Project planning team. A Technical Advisory Committee consisting of scientists and stakeholders familiar with the Project site is providing technical input during Project planning. The City is engaging the public through public meetings and an online survey. To date, one public meeting has been held and an online survey has been conducted.

**Appendix A** provides detailed information about the Technical Advisory Committee and community input.

## 2. Site Conditions

The Project area is located about 35 miles northeast of San Francisco at the southern end of Napa County (Figure 1). The area is bordered by the Napa River to the west and the city of American Canyon to the north, east, and south. The North Slough Study Area is located at the northern end of the Project area.

The North Slough Pond is a muted tidal wetland that receives tidal water from the Napa River via North Slough through two culverts under the Bay Trail (an extension of Eucalyptus Drive), and fresh water both from discharges from the City of American Canyon's wastewater treatment plant and from watershed runoff. The Bay Trail loops around the North Slough Pond, connecting the American Canyon community with the Napa-Sonoma Marshes complex to the northeast. The North Slough Pond, the trail parking area, and the wastewater treatment plant are all owned and maintained by the City. Abutting the North Slough Pond to the south are a closed landfill owned by Napa-Vallejo Waste Management and tidal marshes owned by the California Department of Fish and Wildlife (**Figure 2**).

The culverts directing flows between the North Slough Pond and the tidal wetlands south of the Bay Trail are undersized and dilapidated, which has resulted in several adverse conditions:

- Muted tidal exchange in the North Slough Pond.
- Ponding and water stagnation in the North Slough Pond.
- High water velocities through the Bay Trail culverts at North Slough.
- Erosion of the Bay Trail.

Additionally, with rising sea levels, the existing levees have the potential to be overtopped, which could lead to more frequent inundation and erosion of the Bay Trail and erosion of the landfill shoulder.

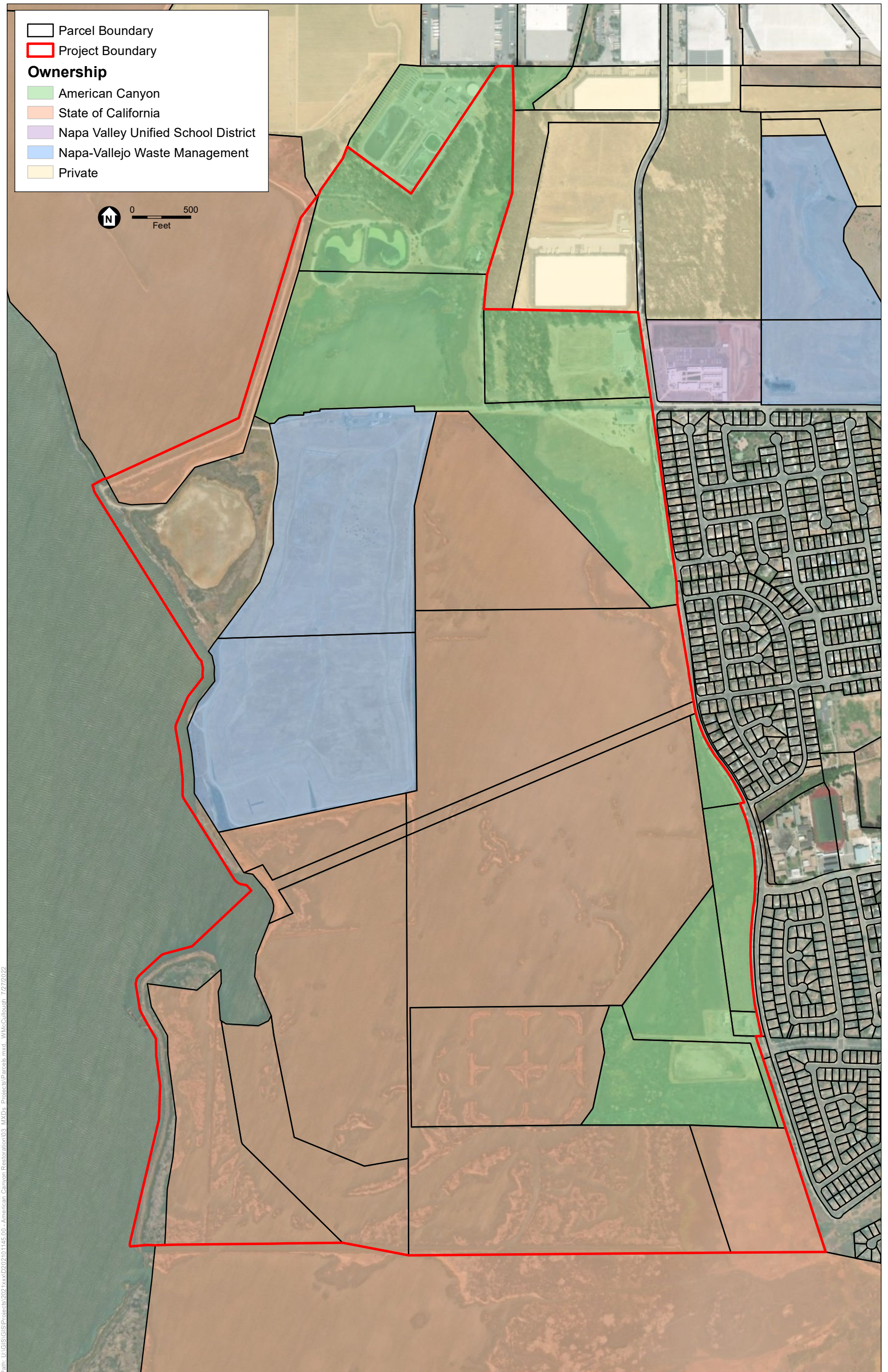




American Canyon Wetlands Restoration Project

**Figure 1**  
Project Location





American Canyon Wetlands Restoration Project

**Figure 2**  
Land Ownership in the Project Area



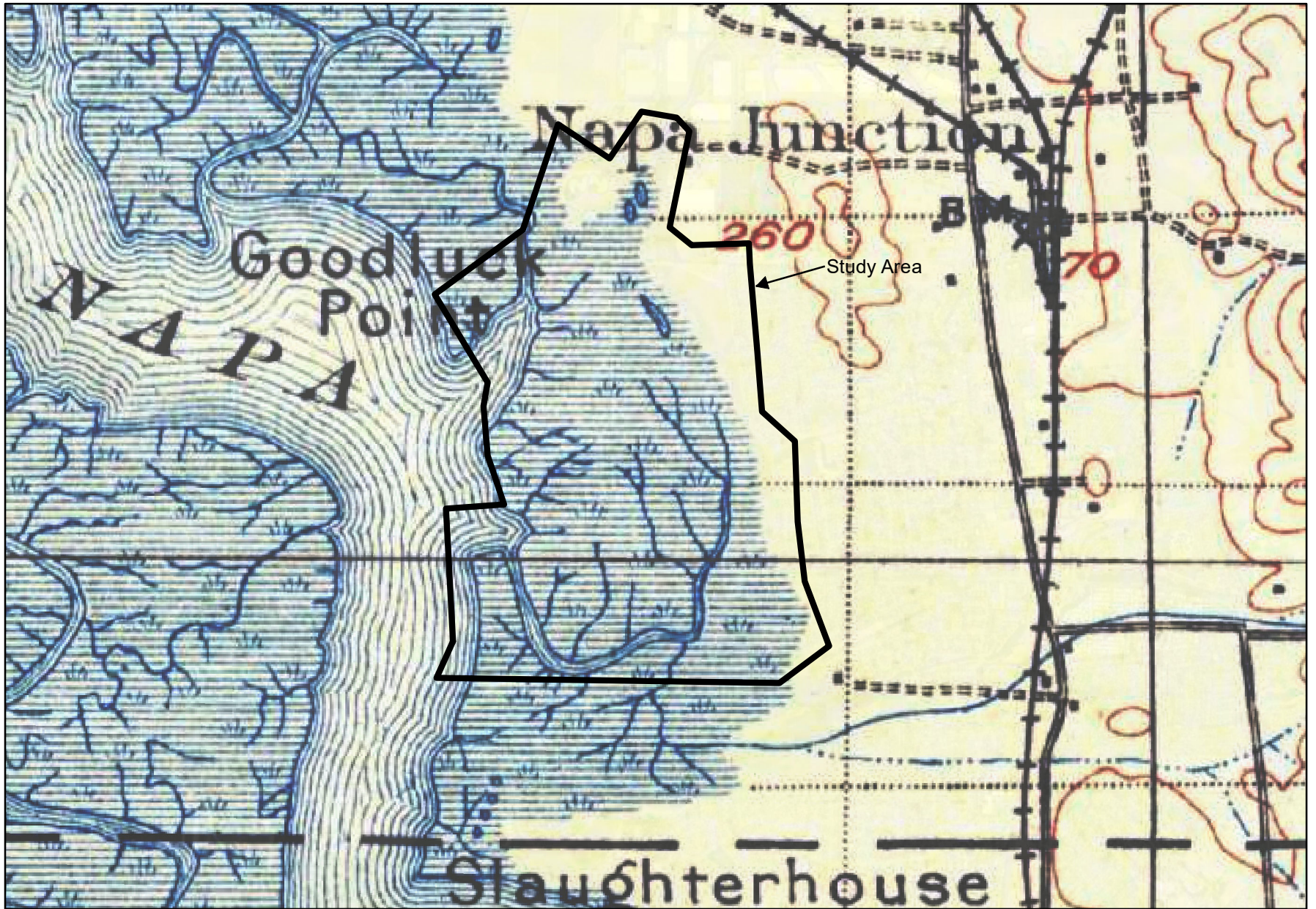
## 2.1 Site History and Land Use

The Patwin, Coast Miwok, and Wappo tribes lived in the Napa Valley and along the lower Napa River for thousands of years. They used the abundant natural resources of the area, including the fish, wildlife, and plants of historic wetlands that are now part of the American Canyon Wetlands. Spanish and Mexican from the 1700s to 1800s forced many native people from their ancestral lands. In the mid to late 1800s, what is now the City of American Canyon, began to develop as a farming community (American Canyon 2023).

In the early 1900s, the natural wetlands were diked and used for agriculture (**Figure 3** and **Figure 4**). Residential development to the east increased through the 1940s to 2000s. By 1965, a landfill was under construction in the northwestern part of the wetlands and the City was operating a wastewater treatment plant in the southeastern wetlands. The landfill was closed in 1995 and today provides upland grassland habitat. In 1999, the City acquired a large parcel in the wetlands from the Port of Oakland for open space (Cooper 2023). In the early 2000s, the wastewater treatment plant was moved to the north, just outside the Project area. In 2006, the wetlands were reopened to tidal inundation with the breaching of North Slough where it connects to the Napa River (Envirosite 2022, American Canyon 2023).

The Bay Trail runs along the crest of remnant levees that were originally constructed around former salt ponds and diked agricultural areas established on historic tidal marsh. Subsequent tidal wetland restoration efforts in the 1990s and 2000s breached portions of these levees and converted the salt ponds and agricultural areas back to tidal habitats. Consequently, the remaining levees are no longer needed to provide flood protection to areas behind the levees. However, the remaining levees do still support recreational access along the levee crests.

Today, the wetlands are used by a diversity of species and enjoyed by the local community for passive recreation. Most of the wetlands are owned by the State of California and are part of the Napa-Sonoma Marshes Wildlife Area. The City maintains offices and a corporation yard on the southeast side of the Project area, at the former location of the wastewater treatment plant.



SOURCE: ESRI (background imagery)

American Canyon Wetlands Restoration Project

**Figure 3**

Historical Topographic Map, 1902

0 0.15 0.3 0.6 0.9 1.2  
Miles





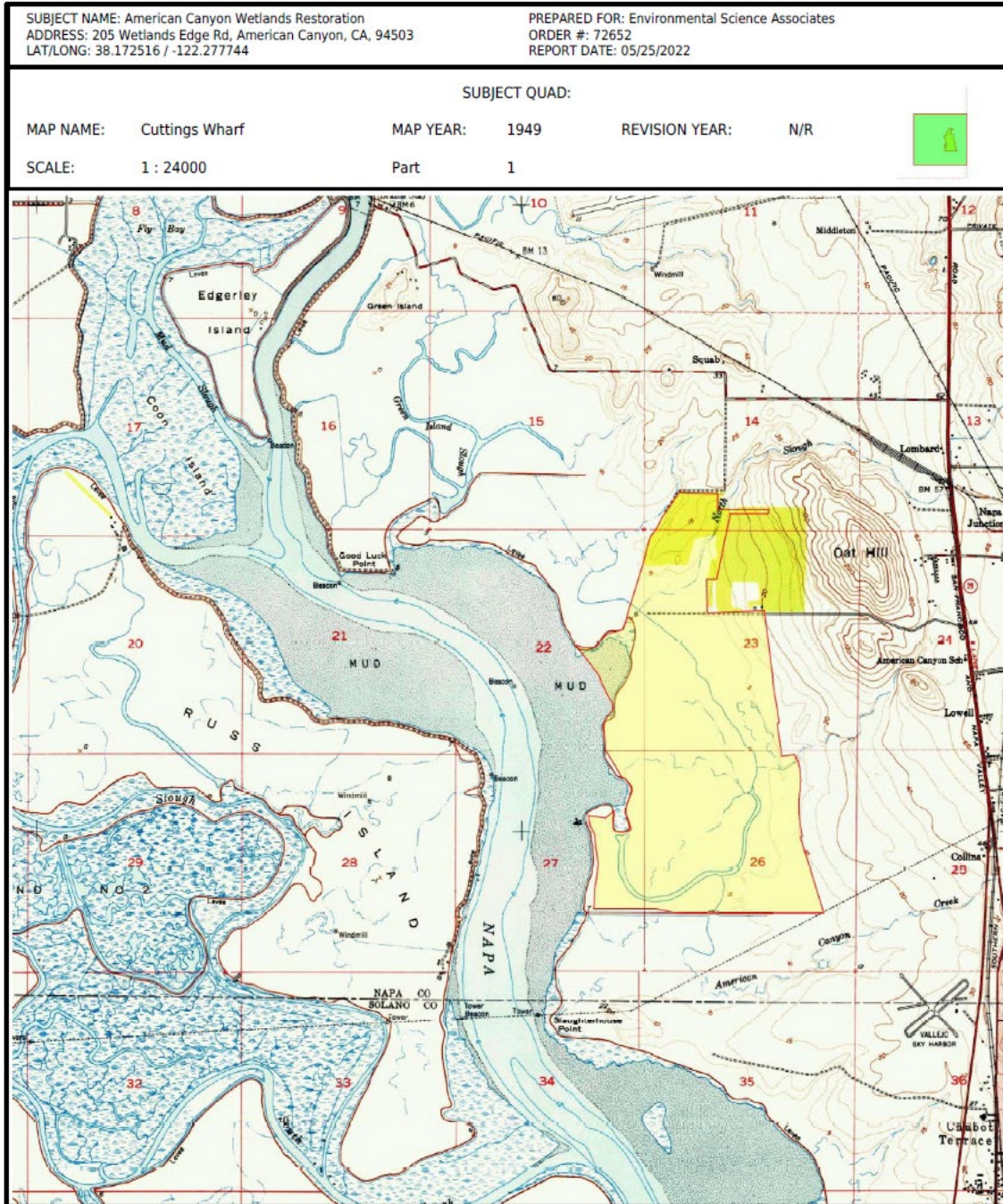


Figure 4. Historical Topographic Map, 1949

## 2.2 San Francisco Bay Trail

The Bay Trail is located on the eastern and northern edges of the American Canyon wetlands (Figure 1). There is existing parking near the North Slough Pond, along with a small exercise park, and many people use the Bay Trail for hiking, running, and biking. A 1.37-mile segment of paved trail follows Wetlands Edge Road along the eastern side of the wetlands. From the



intersection of Wetlands Edge Road and Eucalyptus Drive, the trail extends westward along a dirt/gravel topped levee. This levee separates the North Slough Pond from the American Canyon wetlands to the south. There is a 2-mile loop around the closed landfill, a spur trail out to Glass Beach, and a loop around the North Slough Pond. All these segments are dirt/gravel. The trail continues north, connecting the American Canyon wetlands to other portions of the Napa-Sonoma Marshes Wildlife Area (MTC 2023). The trail provides the public with recreational opportunities as well as opportunities for environmental education programming, enjoying nature, and bird-watching.

## 2.3 Climate

The Project area is characterized by hot, dry summers and wet, mild winters, with most of the precipitation occurring as rainfall in the winter months. The site experiences relatively moderate year-round temperatures; the maximum average temperature reported was 80.5 degrees Fahrenheit in September and the lowest average temperature is 57.3 degrees Fahrenheit in December. The prevailing wind direction is westerly from mid-February to mid-November and northerly from mid-November to mid-February. The windiest month in American Canyon is June, with an average hourly wind speed of 8.4 miles per hour.

## 2.4 Topography

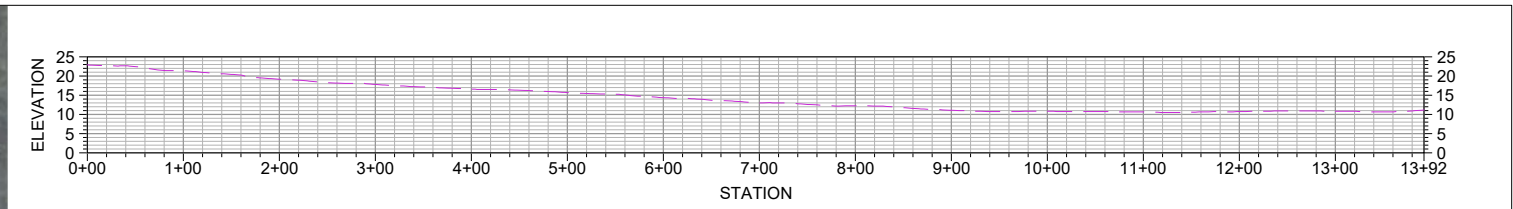
**Figure 5** depicts elevation of Bay Trail segments in the area. These range from 6 to 22 feet North American Vertical Datum of 1988 (NAVD).<sup>1</sup> The tidal wetlands south of the Bay Trail generally range from about 0 to 8 feet NAVD88, with higher areas (4.5 to 8 feet) supporting tidal emergent vegetation and lower areas (0 to 4.5 feet) intertidal mudflat (**Figure 6**). The wetlands gradually transition to higher ground to the east, up to 11–16 feet at Wetlands Edge Road. The open water and muted<sup>2</sup> tidal wetland areas of the North Slough Pond range in elevation from approximately 1 to 4 feet, then gradually transition to higher areas to the north and east. The top of the landfill is approximately 50 feet NAVD 88.

The elevation of the Bay Trail from the parking area at Eucalyptus Drive and Wetlands Edge Road to the landfill dirt parking area is approximately 10 feet NAVD 88 or higher (Figure 5, Figure 6). This is above 100-year water levels (of 9.9 feet) at current sea level. The exception is a localized area near the culverts, which dips down to approximately 9 feet. West of the landfill parking area to Glass Beach, the trail is lower in elevation, approximately 6.5 to 10 feet. The Bay Trail section west of the North Slough Pond ranges in elevation from approximately 7 to 9 feet.

<sup>1</sup> NAVD 88 is the vertical datum used in this feasibility study unless otherwise noted.

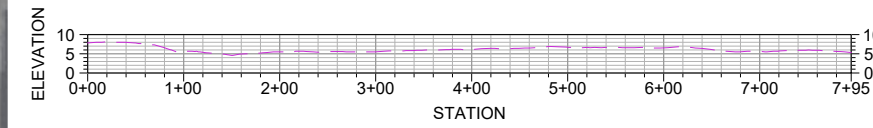
<sup>2</sup> Muted tides have a smaller tide range—lower high tides and higher low tides—than a full tide range. The Napa River and wetlands south of the Bay Trail experience a full tide range. The North Slough Pond experiences muted tides.

DWG: P:\01 CAD\2021\XXXX\202101145\00 AmericanCanyon\DWG\WORKING\Tucker\TRAIL\_RAISE\_ALTERNATIVES\EG\_TOPO\_TRAIL\_ALIGN.dwg USER: Linnea Tucker PLOT DATE: 6/7/2023 5:49:57 PM



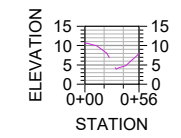
**A TO B TRAIL PROFILE VIEW**

SCALE:  
H: 1" = 100', V: 1" = 25'



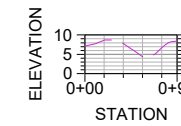
**D TO G TRAIL PROFILE VIEW**

SCALE:  
H: 1" = 100', V: 1" = 25'



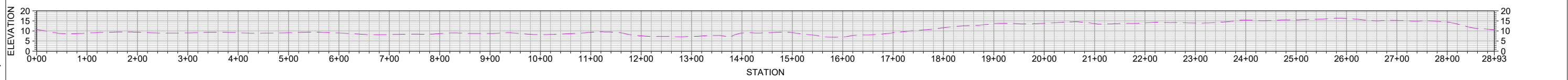
**C TO D TRAIL PROFILE VIEW**

SCALE:  
H: 1" = 100', V: 1" = 25'



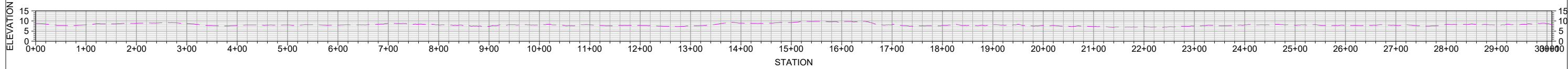
**E TO F TRAIL PROFILE VIEW**

SCALE:  
H: 1" = 100', V: 1" = 25'



**B TO C TRAIL PROFILE VIEW**

SCALE:  
H: 1" = 100', V: 1" = 25'



**E TO F GLASS BEACH LOOP TRAIL PROFILE VIEW**

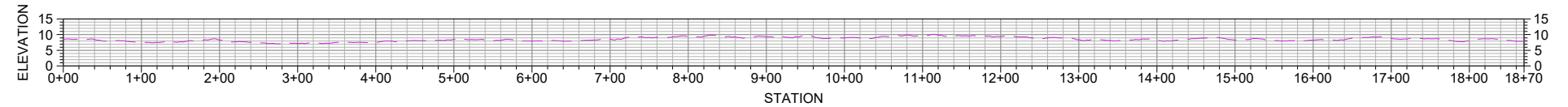
SCALE:  
H: 1" = 100', V: 1" = 25'

AMERICAN CANYON RESTORATION PROJECT

**FIGURE 5A**  
EXISTING TRAIL CONDITIONS  
AT PROJECT SITE

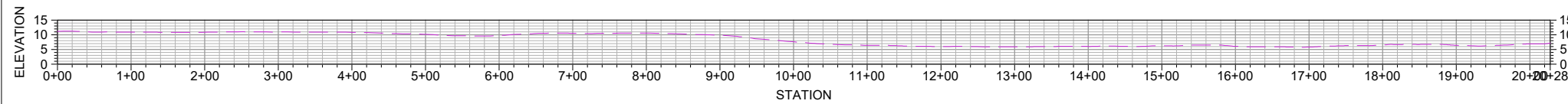


DWG: P:\01\_CAD\2021\XXXX\202101145\00\_AmericanCanyon\DWG\WORKING\Tucker\TRAIL\_RAISE\_ALTERNATIVES\EG\_TOPO\_TRAIL\_ALIGN.dwg USER: Linnea Tucker PLOT DATE: 6/7/2023 5:49:58 PM



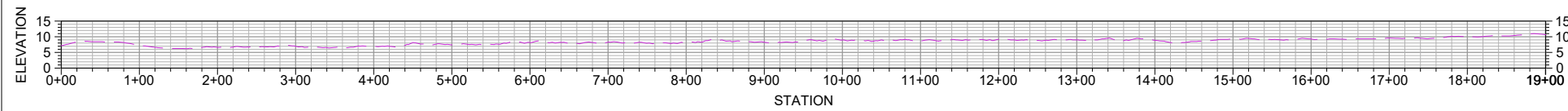
**F TO D TRAIL PROFILE VIEW**

SCALE:  
H: 1" = 100', V: 1" = 25'



**B TO E TRAIL PROFILE VIEW**

SCALE:  
H: 1" = 100', V: 1" = 25'



**E TO C TRAIL PROFILE VIEW**

SCALE:  
H: 1" = 100', V: 1" = 25'

AMERICAN CANYON RESTORATION PROJECT

**FIGURE 5B**  
EXISTING TRAIL CONDITIONS  
AT PROJECT SITE





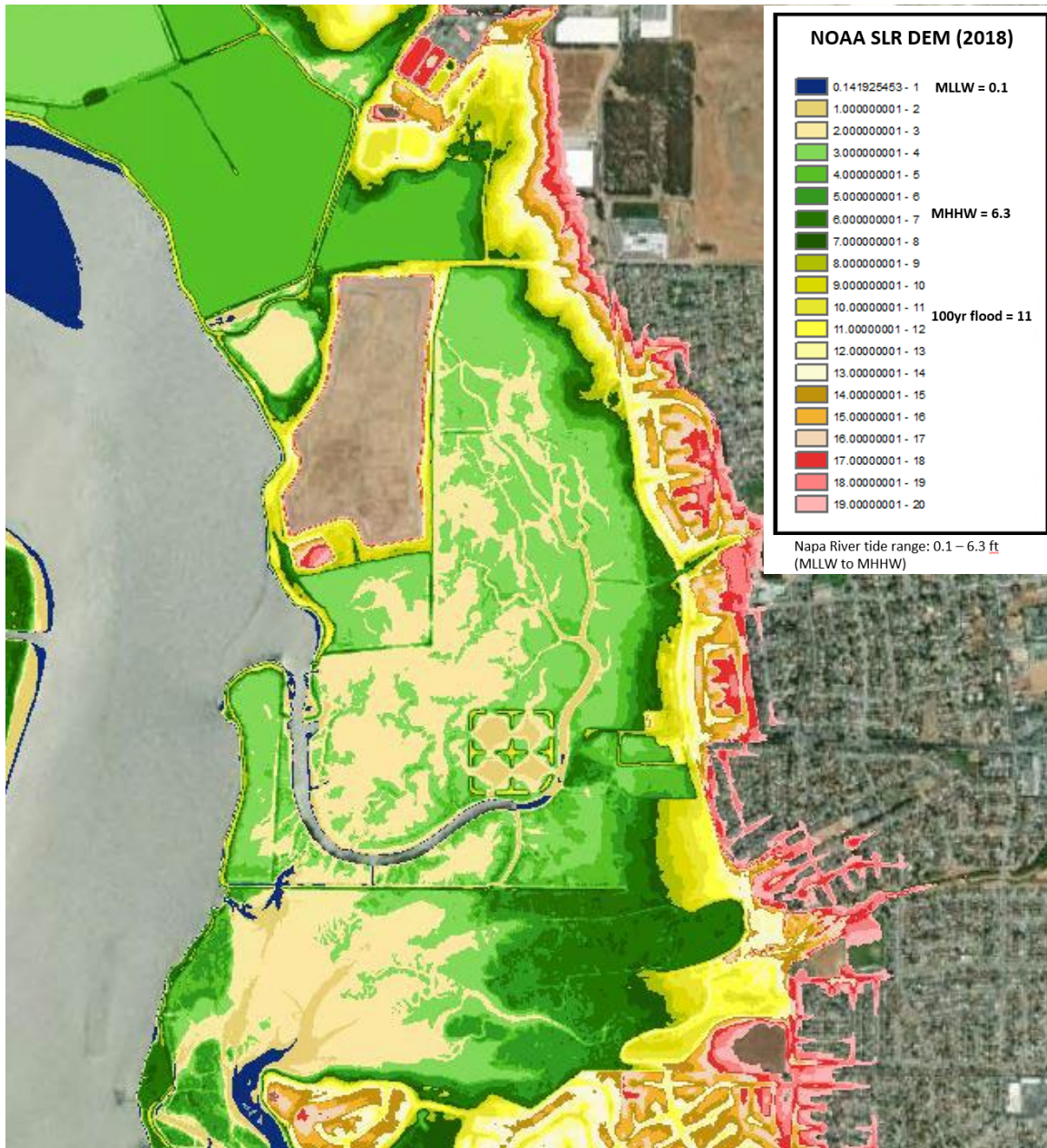


Figure 6. Project Site Topography



## 2.5 Tides and Hydrology

The Project area is located along the east shore of the Napa River, a tidally influenced channel that flows into San Pablo Bay. ESA installed a set of temporary water level gauges at several locations within the Project area in May and June 2022 to measure local tide elevations. ESA calculated tidal datums for the Napa River near Glass Beach based on the water levels measured at the Napa River temporary gauge, with adjustments to account for the limited two-month duration of measurements, using the National Oceanic and Atmospheric Administration (NOAA) CO-OPS Tidal Analysis Datum Calculator (NOAA 2022). The NOAA Richmond Tide Gauge was used as the long-term reference station. **Table 1** lists the calculated tidal datums, along with published flood levels. Measured water levels showed almost no difference between the Napa River, North Slough west of the Corporation Yard, and North Slough south of the Bay Trail culverts.

Tides in the North Slough Pond are muted by restricted flow through undersized culverts that connect the North Slough Pond to the North Slough tidal marsh. ESA calculated tidal datums for water levels in the North Slough Pond based on approximately two months of measured water levels from temporary gauges placed at the Project site, using the NOAA CO-OPS Tidal Analysis Datum Calculator.

**TABLE 1**  
**FLOOD LEVELS AND TIDAL DATUMS FOR THE PROJECT AREA AT THE NAPA RIVER**

Datum	Napa River Water Levels (ft NAVD88)	North Slough Pond Water Levels (ft NAVD88)	Description
100-year water level	9.9	9.9	
10-year water level	8.7	8.7	
HOWL	7.22	5.5	Highest Observed Water Level (May–June 2022)
MHHW	6.31	5.18	Mean Higher-High Water
MHW	5.78	4.93	Mean High Water
MSL	3.43	3.78	Mean Sea Level
MLW	1.04	2.25	Mean Low Water
MLLW	0.05	1.57	Mean Lower-Low Water
LOWL	-1.38	0.87	Lowest Observed Water Level (May–June 2022)

NOTES: ft = feet; NAVD88 = North American Vertical Datum of 1988

SOURCES: FEMA 2016; water level observations and datum analysis conducted by Environmental Science Associates in 2022.

**Figure 7** shows the existing culverts in the Bay Trail at North Slough during a low tide.



**Figure 7. Existing Conditions: Culverts at the San Francisco Bay Trail at North Slough at Low Tide**

## 2.6 Sea Level Rise

Currently, the Bay Trail at the Project site is at risk of periodic flooding and overtopping. This risk is greatest at lower elevations of the trail, with parts of the trail flooding at high spring tides. Based on San Francisco Bay Conservation and Development Commission (BCDC) modeling (BCDC 2023), as little as 24 inches of water level rise above mean higher high water (MHHW) could cause overtopping of the Bay Trail in the southwest corner of the North Slough Pond.<sup>3</sup> (Figure 8).

Planning for the North Slough Study accounts for anticipated future sea level rise based on the *State of California Sea-Level Rise Guidance, 2018 Update* (CNRA and OPC 2018). The state guidance recommends that projects apply a risk-based approach for planning and design for projected future sea level rise. Under this risk-based approach, a project should be designed to accommodate future sea level rise based on the project’s planned design life span and its level of “risk aversion.” For planning purposes, ESA assumes that any modifications to the Bay Trail and culverts would be constructed by 2030 or earlier and would have a minimum design life of 50 years, to the year 2080.

The level of risk aversion is based on an assessment of the consequences of flooding/inundation affecting the Project, and the level of adaptive capacity. As a recreational trail, the Bay Trail can be inaccessible during large flood events and the trail surface would likely tolerate occasional inundation during large floods with minimal damage. Consequently, the Bay Trail is considered to have a low level of risk aversion.<sup>4</sup>

<sup>3</sup> This amount of water level rise could result from other flood and sea-level rise combinations, such as 12 inches of sea level rise and a king tide, or from no sea level rise and a five-year storm event (BCDC 2023)

<sup>4</sup> The California Natural Resources Agency and California Ocean Protection Council (CNRA and OPC 2018) identify an unpaved trail as an example of a “low risk aversion” land use.

Based on the assumed Project design life through the year 2080 and the low level of risk aversion, the *State of California Sea-Level Rise Guidance, 2018 Update* recommends designing for +2.4 feet of sea level rise (high-emissions scenario).





SOURCE: BCDC 2023, COPC 2018, ESA 2022

American Canyon Wetland Restoration Project

**Figure 8**  
Adapting to Rising Tides Sea Level Rise Scenarios

## 2.7 Biology

The North Slough Study Area includes the Bay Trail segment that extends from the parking area at Wetlands Edge Road and Eucalyptus Drive and encircles the North Slough Pond. This includes upland habitat along the Bay Trail and transition slopes that progress to tidal marsh and mudflat habitat at lower elevations within North Slough Pond.

The wetlands of the North Slough Pond are generally subsided below natural marsh elevations and are therefore largely unvegetated mudflats and open water. North Slough Pond habitats are muted tidal open water and mudflats fringed with wetland vegetation along the higher elevation edges, transitioning from low marsh to upland fringe. The pond has a wider wetland band along the east and north sides and a steeper transition to the south and west. Vegetation composition varies along elevational gradients, with bulrush (*Bolboschoenus robustus*) dominating the low marsh and transitioning to pickleweed (*Salicornia pacifica*) and saltgrass (*Distichlis spicata*) in high marsh and ecotone transition. Grasslands dominated by non-native annual species ring the uplands around North Slough Pond. Wastewater treatment ponds lie within upland habitat within the Bay Trail loop encircling the North Slough Pond.

The North Slough Pond area currently has limited habitat value for special-status species, such as California Ridgway's rail (*Rallus obsoletus obsoletus*) and California black rail (*Laterallus jamaicensis coturniculus*), both of which require large areas of dense tidal marsh vegetation. The North Slough Pond is located east of the large 10,000-acre Napa River Salt Marsh Restoration Project, most of which is still open water and developing tidal marsh vegetation. The wetlands serve as an important corridor linking the Napa-Sonoma Marshes complex to the north with patches of habitat, such as at White Slough, to the south. The North Slough Pond area does contain suitable habitat for the federally listed endangered salt marsh harvest mouse (*Reithrodontomys raviventris*), and numerous other sensitive wildlife and plant species have potential to occur within the Project area (see **Appendix B** for a list of sensitive species with potential to occur in the larger Project area).

Aquatic habitats are considered sensitive resources and are regulated under several laws, such as the Clean Water Act, the Porter-Cologne Water Quality Control Act, the Rivers and Harbors Act, the National Environmental Policy Act, the California Environmental Quality Act (CEQA), and the McAtteer-Petris Act. Impacts on aquatic habitats resulting from modifications to the Bay Trail or North Slough culverts, or other habitat enhancements in the North Slough Pond would require permitting by the relevant agencies with regulatory authority under these acts, including the U.S. Army Corps of Engineers, the San Francisco Bay Regional Water Quality Control Board, and BCDC. Because the Project area has the potential to support species protected under the California Fish and Game Code and the federal and California endangered species acts, impacts on the species or their habitats may additionally require permits from the California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, and National Marine Fisheries Service.

The evaluation of habitat enhancements in North Slough must weigh and balance the potential short-term impacts from construction with the longer-term benefit of the enhancement. The addition of fill into the wetlands would result in an impact that may require mitigation, but also may help establish desired vegetation communities and protect the site from future changes attributable to sea

level rise. Design alternatives should consider, avoid, and minimize potential impacts on sensitive aquatic resources and potential suitable habitat for special-status species. Limiting impacts would facilitate Project permitting and reduce the need for compensatory mitigation that may be required to offset impacts of the Project.

## 2.8 Cultural Resources

Background research did not identify any previously recorded cultural resources—architectural, historic-era archaeological, or pre-contact archaeological—still present in the North Slough Study Area. However, two architectural features, which were not previously recorded but appear to be at least 50 years old, were identified in the North Slough Study Area:

- The westernmost levee running along the western side of the North Slough Pond and extending from the wastewater treatment ponds to Glass Beach.
- The ditch adjacent to the east, located between the aforementioned levee and the Bay Trail along the western side of the North Slough Pond.

These features should be considered potential cultural (architectural) resources for purposes of the National Historic Preservation Act (NHPA) and CEQA. Also, based on an archaeological sensitivity analysis conducted for this study, the Study Area has the following archaeological sensitivity:

- Pre-contact archaeological material:
  - Buried deposits—High.
  - Surficial deposits—Low.
- Historic-era archaeological material:
  - Buried deposits—Low.
  - Surficial deposits—Low.

Based on background research, this study identified two potential cultural resources (one berm/levee and one ditch) in the Study Area. The likelihood of either of these resources qualifying as a significant resource (i.e., eligible for the National Register of Historic Places [National Register] or California Register of Historical Resources [California Register]) for NHPA or CEQA purposes is low. However, as part of NHPA and CEQA compliance, these resources would need to be formally documented and evaluated for National Register and California Register eligibility.

Also, to support NHPA and CEQA compliance, a qualified cultural resources consultant would need to conduct a cultural resources pedestrian survey of the Study Area. The consultant would likely also conduct an archaeological subsurface survey of portions of the Study Area where ground disturbance would occur and that are considered to have a high sensitivity for buried archaeological material. This would verify the presence/absence of the two architectural resources identified in the Study Area based on background research and determine whether any

archaeological resources or other architectural resources are present in the Study Area and may be affected by the Project.

Any additional cultural resources identified during future investigations would need to be evaluated for National Register and California Register eligibility, in support of NHPA and CEQA compliance. If any cultural resources identified in the Study Area were determined to be National Register– and/or California Register–eligible and the Project were found to potentially have an effect/impact on them, a qualified cultural resources consultant would need to conduct an assessment to determine whether such effects/impacts would constitute an adverse effect under the NHPA or a significant impact under CEQA. If such effects/impacts were determined to be adverse/significant, measures would need to be developed to support Project approval under the NHPA and CEQA, to resolve the adverse effects/reduce impacts to a less-than-significant level before implementation of the Project.

## 2.9 Hazardous Materials

A Phase I environmental site assessment was conducted for the Project site to identify Recognized Environmental Conditions (RECs), Historical Recognized Environmental Conditions (HRECs), or Controlled Recognized Environmental Conditions (CRECs) at the Project site (see **Appendix C**, *Phase I Environmental Site Assessment*, Section 2.1, for definitions of terms). The Project site was inspected on June 2 and July 1, 2022.

The closed American Canyon Landfill is entirely capped and vegetated. No areas of erosion or exposed waste were observed. The landfill is considered a CREC because it contains buried municipal waste that is in a controlled, sealed condition; is controlled by the cap and leachate and landfill gas collection systems; and is subject to land use restrictions that prohibit disturbing the buried waste.

The wetland areas did not have any observed chemical containers or tanks, chemical spills, stained soil, or stressed vegetation. No RECs, CRECs, or HRECs were observed relative to hazardous materials, hazardous waste, or chemical use, storage, or disposal.



### 3. North Slough Pond Restoration Alternatives Development and Evaluation

The North Slough Study considers alternatives that enhance habitat and increase the resilience of the Bay Trail to future sea level rise. This report includes two sets of alternatives: (1) North Slough Pond Restoration alternatives and (2) Bay Trail Resilience alternatives. These two sets of alternatives were considered separately because they are relatively independent. This section (Section 3) describes development and evaluation of the North Slough Pond Restoration alternatives. Section 4 describes development and evaluation of the Bay Trail resilience alternatives. The Recommended Project alternative, discussed in Section 6, is comprised of a modified version of the selected North Slough Pond Restoration alternative combined with the selected Bay Trail Resilience alternative.

#### 3.1 Potential North Slough Pond Restoration Actions

Several potential restoration actions were identified and considered for inclusion in the North Slough Pond Restoration alternatives. The following potential actions were incorporated into the alternatives:

- **Reestablishing full tidal exchange** to expand vegetated tidal marsh extent, increase habitat diversity and resilience, and improve water quality. Existing and potential site hydrology was assessed using Hydrologic Engineering Center River Analysis System (HEC-RAS) two-dimensional modeling. **Appendix D, *American Canyon Wetlands Restoration Project – North Slough Hydraulic Modeling Memo***, provides a detailed description of the modeling methods and results.
- **Excavating channels** in the North Slough Pond to create channel habitat, improve water circulation and water quality, and to provide fill material for increasing topographic complexity.
- **Installing ecotone transitions** to improve marsh (and trail) resilience to sea level rise and topographic complexity.
- **Planting vegetation** to accelerate tidal marsh development, trap sediments, and increase habitat diversity.

The following habitat enhancements were considered as part of the alternatives development process but were excluded from the alternatives for the reasons described below.

- **Installing marsh mounds.** The mounds would have been installed to provide topographic complexity for high-tide refugia and vegetation diversity, slow tidal velocities, and create sediment deposition areas. However, marsh mounds were not included in the alternatives because of their construction impacts and limited functionality. North Slough already provides quality transitional habitat to the north and east that provide much of the same benefit that marsh mounds would provide. Because the North Slough Pond is relatively small, any wildlife seeking refugia habitat can do so in the existing transitional habitat areas.

- **Increasing the overall marsh plain elevation.** Fill material would have been used to raise the marsh plain, allowing tidal marsh vegetation to develop more quickly, and increasing marsh resilience with sea-level rise. However, because the North Slough Pond is already naturally accreting sediment and marsh expansion can be achieved in part by changing the tidal regime, and because of the impacts and cost associated with mass fill placement, it did not seem necessary to install fill to raise the base marsh elevation.
- **Installing nesting islands.** Nesting islands would have provided additional opportunities for bird nesting and breeding; however, they were excluded from the alternatives because of their maintenance requirements, construction impacts, and limited functionality in this habitat. Nesting islands provide more benefit when constructed in open water, because the water helps protect nesting birds from predators. Because the North Slough Pond drains at low tide under all scenarios, this benefit is limited in this location.

## Habitat Enhancement Considerations

Habitat enhancements were considered based on their potential to support diverse native species, particularly special-status species with potential to occur in the region, and to support habitat connectivity. Below summarizes how actions as part of restoration alternatives could contribute to the habitat enhancement objectives.

Habitat enhancement could increase species diversity by:

- Providing a mix of open water, mudflat, low marsh, high marsh, ecotone transition, and upland habitat to increase the complexity and diversity of habitats. Diverse habitats support different types of species, different life stages for individual species, and different habitat functions.
- Maintaining or improving water quality conditions, specifically dissolved oxygen concentration, pH, temperature, and nutrient concentrations. Poor water quality can deter or kill aquatic organisms, affecting the larger food chain. Poor water quality can also result in algae blooms that can affect public recreation by causing visual and odor impacts.
- Increasing topographic complexity, such as wetland to upland transitional slopes, marsh mounds, or habitat islands, to provide high-tide and storm refugia and migration space as sea levels rise.

Habitat enhancements could benefit special-status species by:

- Increasing the habitat types that special-status species need for survival. Four special-status species have high potential to occur in the area: California black rail, San Pablo song sparrow, salt marsh harvest mouse, and Suisun shrew. All these species are dependent on tidal marsh habitats, although they differ in their preferred vegetation community. Developing low and high marsh habitats would benefit these species.

Habitat enhancements could maintain or increase habitat connectivity by:

- Increasing tidal marsh habitat like what is present to the north and south. Providing a contiguous extent of tidal marsh along the eastern side of the Napa River would support the north-south gene flow of marsh-dependent species.
- Reducing passage barriers to fish and wildlife species. Increasing the conveyance capacity of North Slough would allow fish and other aquatic species to move between the North Slough Pond and marshes south of the Bay Trail more easily.

## 3.2 North Slough Pond Restoration Alternatives

The following North Slough Pond Restoration alternatives were considered. The alternatives are shown in Figures 9 through 11 and are discussed further in the subsections below.

- **No-Project Alternative:** No-Project would be implemented, and the current infrastructure would remain.
- **Alternative 1, Muted Tidal:** Culverts in North Slough at the Bay Trail would be replaced and sized to maintain current muted tidal marsh conditions. Areas of existing erosion would be repaired and revegetated, and the culverts realigned to reduce future erosion.
- **Alternative 2, Full Tidal:** Culverts in North Slough at the Bay Trail would be replaced with larger culverts or an open channel to allow full tidal exchange into the North Slough Pond. Continued trail access over the channel would be provided via an earthen berm or bridge. As in Alternative 1, areas of existing erosion would be repaired and revegetated, and the culverts or open channel realigned to reduce future erosion. An ecotone transition would be graded and planted to increase habitat complexity and quality.

### No-Project Alternative

Under the No-Project Alternative (**Figure 9**), no action would be implemented, and existing culverts would be retained. The current condition of the culverts has not been fully assessed, but it is assumed that they are somewhat degraded and that their condition will continue to deteriorate over time. Existing conditions include water velocities of up to approximately 7.9 feet per second through the culverts – sufficient to scour Bay muds and levee embankments. High water velocities around the North Slough culverts have been identified as a hazard to any people or pets who enter the water at this location. With the No-Project Alternative, existing erosion along the Bay Trail would remain and could potentially worsen with sea level rise and storms, eventually requiring repairs and maintenance to use the Bay Trail for recreation.

Should the culverts collapse completely or degrade further, tidal exchange could be further reduced, eventually leading to water quality problems as ponded water in North Slough stagnates

and conversion of marsh habitat to open water.<sup>5</sup> This may result in the need for a repair in the future.

Currently, there are approximately 14.6 acres of tidal marsh habitat and 26.4 acres of open water habitat in the North Slough Pond<sup>6</sup>. While aquatic surveys have not been conducted, piscivorous birds, such as pelicans and egrets, shorebirds, and ducks were observed foraging in the open water suggesting that the North Pond supports small fish and aquatic organisms. The lower tidal marsh provides nesting habitat for songbirds, such as marsh wren, and the upper tidal marsh is dominated by pickleweed habitat that could support salt marsh harvest mouse.

The North Slough Pond habitat has been slowly converting from tidal flat to tidal marsh, presumably because of natural sediment accretion, with the fastest rate of marsh vegetation formation in the northeast corner of about 5–10 feet per year based on aerial imagery from Google Earth (2010 to present). The pond, with typical ground elevations of about 4 feet NAVD, is expected to see continued slow conversion of tidal flat (mudflat) to vegetated tidal marsh in the near term. Longer term, muted tidal systems have a poor capacity to adapt to sea-level rise compared to fully-tidal marshes. This is in part because of reduced estuarine sediment supply (linked to reduced tidal exchange) and smaller extent of hydrologic conditions appropriate for vegetation growth. As sea levels rise, increasingly poor drainage causes lower elevation vegetation to die, converting the lowest marsh areas to open water. Water quality conditions would gradually degrade over time.

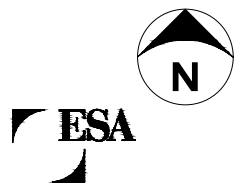
This alternative has no permitting, design, or construction costs in the short term. However, eventually, maintenance of the Bay Trail surface and levee slopes or replacement of the culverts may be necessary to retain the functionality of the Bay Trail and habitat in the North Slough Pond. A No-Project alternative would not address Project goals for reducing long-term maintenance obligations, improving safety, or increasing access and recreational opportunities.

---

<sup>5</sup> Historical imagery shows significant algae blooms in the North Slough Pond in the early 2000s before North Slough was breached at the Napa River, opening the area to tidal flow. It is assumed that if the culverts continue to deteriorate such that flow is constricted, similar blooms may be experienced.

<sup>6</sup> Tidal marsh habitat was estimated using aerial imagery. This acreage has not been verified on the ground. A formal aquatic resources elevation to delineate wetland margins will be needed to provide more precise wetland boundaries for project permitting.





## Alternative 1: Muted Tidal

Under the muted tidal alternative (**Figure 10**), the North Slough Pond would remain muted tidal habitat and the existing culverts would be replaced to reduce potential future erosion. Current erosion on the north side of the Bay Trail (approximately 35 linear feet) would be repaired by placing fill material and grading the bank to match the contours of the levee that is not scoured. The culverts would be sized to retain the current muted tidal regime, either through in-kind replacement or by slightly increasing the size or number of culverts. Hydrologic modeling suggests that doubling the number of culverts would retain muted tidal habitat conditions and reduce water velocities through the culverts from 7.9 feet per second (current) to 6.8 feet per second (Appendix D).

Repositioning the culverts to avoid high velocity flows in any unprotected earthen areas may reduce erosion, but velocities would remain higher than desired for public safety. These high velocities could result in people or pets entering the water to be inadvertently pulled through the culverts resulting in injury or mortality. High velocities would preclude the opportunity to install a kayak launch at this location and would require that fencing be maintained or enhanced to prevent the public from entering the water. Because maintenance of muted tides requires restricting tidal flow, it inherently results in high velocities.

Nature-based solutions for bank stabilization, along with culvert alignment, would be proposed to fix existing erosion and reduce the potential for future erosion. Eroded areas would be filled, graded, and revegetated. Low marsh plant species, including alkali bulrush (*Bolboschoenus maritimus*) and California bulrush (*Schoenoplectus californicus*), would be planted by plugs around the new culvert to support erosion control and to expand the area of low marsh habitat. Additional plugs may be planted in the areas where sediments are accreting to accelerate low marsh expansion. If necessary, additional rock armoring, such as soil-filled riprap planted with marsh vegetation, could be used for supplemental levee stabilization. This would be recommended only if culvert velocities could not be reduced or redirected through the culvert replacement.

Habitats under Alternative 1 would be essentially the same as those in the No-Project Alternative. Erosion repair is expected to convert a small amount (about 300 square feet or less) of mudflat to vegetated wetland and ecotone transition slope. This slope will both protect the Bay Trail and provide minimal amount of vegetated habitat for wildlife. As noted previously in the discussion of the No-Project alternative, the North Slough Pond is expected to see continued slow conversion of tidal flat (mudflat) to vegetated tidal marsh in the near term. Longer term, the muted tidal system would have a poor capacity to adapt to sea-level rise, converting the lowest marsh areas to open water. Water quality conditions would gradually degrade over time.

This alternative has low permitting, design, and construction costs in the short term. Impacts of this culvert replacement and other actions would be relatively small, and therefore would likely be permissible under existing programmatic permitting programs, such as the U.S. Army Corps of Engineers' Nationwide Permitting Program. Maintenance costs would be reduced relative to the No-Project alternative because of the culvert design improvements and bank stabilization measures. Long-term maintenance obligations would be low.





## Alternative 2: Full Tidal

This alternative would provide for restoration of fully tidal conditions to the North Slough Pond. Full tidal exchange would be provided through either enlargement of the culverts or installation of a full-span bridge over North Slough (**Figure 11**). An ecotone transition would be constructed along the western edge of the North Slough Pond. A tidal channel would be excavated within the North Slough Pond to improve water circulation and to provide fill material for the ecotone levee. As in Alternative 1, existing erosion near the North Slough culverts would be repaired using nature-based bank stabilization.

This alternative would increase the extent of tidal marsh in the North Slough Pond, providing additional habitat to support marsh species. Restoring full tides would increase the range of elevations in which tidal marsh could develop. Based on survey data from the surrounding marsh, it is estimated that existing tidal marsh habitat will migrate upslope to approximately 7-foot NAVD elevation, resulting in the net increase of approximately 2.1 acres of new tidal marsh habitat (16.7 acres compared to existing 14.6 acres). Marsh may also expand into lower mudflat areas due to improved low tide drainage.

Restoring full tidal exchange improves the ability of North Slough Pond habitats to adapt to sea level rise by increasing sediment supply and allowing for more rapid expansion of tidal marsh vegetation. Sediment deposition and accumulation of organic material both allow the marsh plain to rise with sea-level rise. Marsh modeling indicates that North Pond marshes will require high sedimentation and possibly high organic materials as well to sustain marsh through the end of the century in a high sea-level rise scenario (Stralberg et al. 2011, Point Blue 2023).

This alternative, by installing larger culverts or a large open channel, would reduce velocities through North Slough adjacent to the Bay Trail, improving safety and reducing bank erosion. This alternative would reduce velocities in North Slough at the Bay Trail relative to existing conditions. Appendix D presents several culvert and open channel configurations that could result in an increase in the tidal range. The type of opening has not been selected but could be, for example, large, corrugated metal pipes, a concrete box culvert, or an open channel with a bridge. A bridge would be more expensive than culvert options but using a prefabricated design could reduce costs. Regardless of the opening type, a natural channel bottom is recommended to encourage wildlife migration and support habitat connectivity goals.

Modeling suggests that an open channel could reduce water velocities in North Slough through the Bay Trail from the existing 7.9 feet per second to 3.4 feet per second. This is similar to velocities in natural tidal channels in San Francisco Bay and meets the design criteria for safety should people or animals enter the water.

Under this alternative, an ecotone transition would be constructed along the western edge of the North Slough Pond. Providing a transition slope at this location may help to protect the Bay Trail from erosion and improve habitat for marsh-dependent special-status species such as salt marsh harvest mouse or black rail. The transition slope also serves as refugia habitat for birds and terrestrial marsh species during high tides and storm events and increases overall topographic complexity. The slope design and construction may be combined with the raising of the Bay Trail



(discussed below) to improve resilience. The slope also provides an opportunity for tidal marsh to migrate upslope with sea level rise.

Ecotone transition slopes are typically constructed with slopes between 10:1 and 30:1. A steeper slope would affect fewer existing wetlands and require less fill. It would be less costly, but a steeper slope would also provide fewer benefits for habitat migration. The conceptual design that is proposed has approximately an 11:1 slope. The slope would be vegetated with native transition and wetland species, such as saltgrass (*Distichlis spicata*), marsh gum plant (*Grindelia stricta* var. *angustifolia*), and alkali heath (*Frankenia salina*) on the upper slopes, transitioning to pickleweed in the high marsh and alkali bulrush and California bulrush in the low marsh.

Excavation of tidal channels is proposed to provide a source of fill material for the ecotone transition slope and other benefits. Tidal channels would increase the topographic complexity of the site and provide increased suitable habitat for some fish species. Channels would also allow improved water circulation and water quality. More water exchange tends to keep ponded waters cooler in the summer and less stagnant, improving the water quality parameters of dissolved oxygen, salinity, and temperature, which are beneficial to aquatic organisms. While the channel would be expected to develop over time without excavation through natural tidal scour, excavating the channel provides a source of ecotone fill and provides the channel-associated benefits sooner.

The channel size would be approximately the same as that expected to evolve through restored natural tidal flows. The channel is designed to match the thalweg elevation of the North Slough channel south of the Bay Trail. **Table 2** shows the cut and fill volumes for the proposed channel and transition slope. These are approximate calculations that can be revised during the design phase and integrated with other design aspects of the overall wetland restoration plan.

**TABLE 2**  
**CONCEPTUAL IMPACTS AND MATERIAL NECESSARY FOR PROPOSED ENHANCEMENT ELEMENTS**

Enhancement Feature	Approximate Dimensions	Approximate Cut (-) and Fill (+) Volumes	Approximate Disturbance Area
Constructed channels	20 feet average width, 1,600 feet length	(-) 1,900 cubic yards	2.4 acres of mudflat excavated for channel
Transition slope	500 feet length	(+) 1,900 cubic yards	1.9 acres of mudflat converted to transition slope

This alternative has permitting, design, and construction costs. The cost of the culvert replacement would depend on the exact type of opening selected (e.g., corrugated metal pipes, concrete box culvert, or open channel with bridge), but all designs would presumably cost more than under the other two alternatives. A bridge would be more expensive than culvert options but using a prefabricated design could reduce costs. The culvert replacement alone would have permitting and design costs similar to those of the muted tidal alternative. Because of the decrease in velocities, long-term maintenance costs would likely be reduced, given the lower potential for scour.

The additional enhancement actions, including constructing channels and ecotone transition habitat, would add both costs and wetland impacts to the Project. Because the Project aims to restore a more natural tidal regime and tidal habitat, it may be eligible for permitting through the Bay Restoration Regulatory Integration Team,<sup>7</sup> but a full suite of regulatory permits would be anticipated. Because of the fill needed to create the ecotone levee, mitigation may be required to prevent a net loss of aquatic resources. Because this alternative would best provide for sea-level-rise resilience for the Bay Trail and habitat improvements, it may also be the most competitive for grant funds.

The full tidal alternative supports the City's goals of improving existing habitats and increasing hydraulic conductivity between the North Slough Pond and the North Slough tidal wetlands while mitigating the risks associated with high velocities moving through the culverts at the site. It is expected to increase tidal marsh habitat, which supports diverse special-status species, and habitat connectivity.

---

<sup>7</sup> The Bay Restoration Regulatory Integration Team was established to help improve coordination across agencies. It is considered a potential way to streamline the permitting process as regulators work together to find cross-agency solutions as parts of the Project develop, thereby eliminating conflicting agency guidance and redesign.



### 3.3 North Slough Pond Restoration Alternatives Evaluation and Selection

The Project planning team developed a set of evaluation criteria for assessing how well each alternative meets the Project and Study objectives (described in Section 1.1). This section presents the evaluation criteria and discusses the relative performance of each alternative.

#### Evaluation Criteria

One set of criteria was developed to be used for both the North Slough Pond and the Bay Trail Resilience alternatives. Alternatives were evaluated using the following criteria:

- Habitat Enhancements
  - Increase abundance and diversity of native species.
  - Benefit special-status species.
  - Maintain or increase habitat connectivity.
- Public Access and Recreation
  - Increase public access and recreational opportunities.
  - Improve trail condition and reduce erosion.
  - Improve public safety.
- Resilience
  - Increase resilience to sea level rise.
- Feasibility and Costs
  - Limit environmental impacts and be permissible by regulatory agencies.
  - Reduce implementation costs.
  - Reduce long-term maintenance obligations.

#### Alternatives Evaluation

**Table 3** summarizes the performance of alternatives with respect to the evaluation criteria. The No-Project alternative performs relatively poorly, and the muted tidal alternative performs only moderately better. The full tidal alternative best meets the range of evaluation criteria and is the recommended North Slough Pond restoration alternative.

The Full Tidal Alternative performs best with respect to habitat, public access and recreation, resilience. The trade off, not surprisingly, is that it is the costliest to implement. While this alternative rates lowest for feasibility and cost, a modified version is likely to be fiscally feasible with consideration of existing potential funding sources. Additional enhancements could be included or excluded from the full tidal alternative as necessary to balance costs and benefits.



**TABLE 3  
SUMMARY EVALUATION OF NORTH SLOUGH POND RESTORATION ALTERNATIVES**

Habitat Enhancement									
Alternative	Description	Native Species	Special-Status Species	Habitat Connectivity	Public Access	Resilience	Maintenance	Safety	Cost *
<b>No-Project</b>	<b>Current conditions and trends persist</b>	Provides moderate habitat value, primarily for waterbirds and shorebirds.	Provides minimal habitat value for marsh-dependent special-status species.	Provides some habitat connectivity between the Napa-Sonoma Marshes and the American Canyon wetlands. Hydrologic connectivity remains limited	Does not address erosion that threatens the Bay Trail.	Muted tides provide poor sea-level-rise resilience.	Does not address erosion and ongoing maintenance needs.	Velocities at the culverts remain high; safety concerns are not addressed.	No initial construction cost, but likely moderate maintenance costs.
<b>Alternative 1, Muted Tidal</b>	<b>Muted tidal hydrology, culvert replacement; erosion repairs</b>	Similar to No-Project.	Similar to No-Project. Minor increases in tidal marsh habitat where erosion is repaired at the North Slough culverts	Similar to No-Project.	Repairs current trail erosion and maintains existing public access.	Similar to No-Project.	Addresses some ongoing maintenance issues through improved culvert design, but potential remains for erosion because of high velocities.	Velocities at the culverts remain high; safety improved relative to the No-Project alternative.	Low cost for culvert replacement and erosion repairs. Lower maintenance costs than No-Project.
<b>Alternative 2, Full Tidal</b>	<b>Full tidal hydrology; culvert replacement; ecotone transition and channel construction; erosion repair</b>	Increases habitat diversity and complexity for native species but for a small area; is still moderate habitat value.	Improves habitat for special-status species, but the area is small relative to surrounding marshes.	Full hydrologic connectivity is achieved; improved and accelerated connectivity of marsh habitat	Repairs current trail erosion. Ecotone improves trail resilience to erosion.	Transition slope provides some added southwest slope protection.	Reduces short-term maintenance obligations.	Improves safety by providing slower water velocities.	High costs for permitting and construction. Expected lower maintenance costs.
<p>NOTE: The color scheme shows a relative evaluation of the objective measured. Green = highest value; yellow = moderate value; pink = lowest value.                      * Cost estimates are relative and will be explored further for the recommended alternative during development of the wetlands restoration plan.</p>									

## 4. Bay Trail Resilience Alternatives

A No-Project and three trail raise alternatives were evaluated as part of this study. **Figure 12** shows the alignments of the three proposed alternatives.

### 4.1 Potential Bay Trail Resilience Actions

Potential restoration actions were identified and considered for inclusion in the Bay Trail Resilience alternatives. The following potential actions were incorporated into the alternatives:

- **Raising the trails** to improve sea-level rise resilience. The alternatives reflect a range of potential locations where trails could be raised. In developing the raised trail geometry, ESA considered the projected sea level rise and risk aversion scenarios, and the target design lifetime of the trail. Trail geometry was the same for all scenarios and is discussed further below.

The following actions were considered as part of the alternatives development process but were excluded from the alternatives for the reasons described below.

- **Adding signage or trails** was considered in the alternatives development, but these features were not included in the selected alternatives because the site already contains signage and a diversity of trail options.
- **Fixing erosion at the North Slough culverts** is evaluated as part of the North Slough Pond Restoration alternatives and therefore it is not separately considered and evaluated here. Where trails are raised, they can also be repaired to fix surface erosion.

### Flood Resilience Design Criteria for Recreational Trails

Recreational trails are generally somewhat tolerant of occasional flooding. The risk of severe consequences from flooding, such as property damage and threats to health and safety, is much lower for a recreational trail than for a roadway or developed land use. Typical consequences of trail flooding include potential damage to the trail surface from erosion or deposition of sediments, and disruption of public access for the duration of the flood event and subsequent clean-up/repairs (if needed).

The City of American Canyon has identified a 10-year coastal flood event as the design flood event for the Bay Trail segments managed by the City and a target design lifetime of 50 years, or through Year 2080. With these considerations, the alternatives propose to raise the trail to 11 ft NAVD88. This corresponds to the 10-year flood event (8.7 feet) with a low-risk adverse sea-level-rise scenario (2.4 feet, projected for 2080 by the California Ocean Protection Council for the high emissions scenario), rounded to the nearest full foot of rise.<sup>8</sup>

<sup>8</sup> Note that the Ocean Protection Council plans to update their sea-level rise estimates later in 2023. The Project sea-level rise allowance will be updated later in planning or design.

This design flood event was selected by balancing the desire to protect public access with the desire to protect ecological resources. This design target would support recreational access except during major storm events, and designing to a higher level of flood protection would require raising the trail and placing fill on adjacent wetland habitats.

BCDC typically requests a minimum allowance 3.5 ft of sea-level rise on top of a large flood event, such as the 10- or 100-year event. BCDC has acknowledged that in some situations, it may be appropriate to design and maintain recreational trails for more frequent, though still occasional coastal flooding. For example, when raising a trail above the 100-year flood elevation plus SLR would require placing fill in wetlands, then designing to a lower elevation for occasional flooding may be desirable. Because trail raising within the Project area would involve placing fill in wetlands, the Project has used a smaller sea-level rise allowance. The selection of trail design elevation will be discussed further with BCDC during subsequent planning and permitting.

### Trail Geometry Design Criteria

The width of the trail and levee crest varies.<sup>9</sup> From the parking lot at Eucalyptus Drive and Wetlands Edge Road to the landfill parking area the Bay Trail is designed to be 24 feet wide (20-foot road width plus 2-foot shoulders on each side, approximately matching existing road widths); all other trails are designed to be 14 feet wide (8-foot road width plus 3-foot shoulders on each side, matching the Bay Trail’s design guidelines for spur trails). The segment of the Bay Trail from the parking area to the landfill already accommodates emergency vehicle use, so none of the alternatives consider strengthening or widening the surface for this purpose.

Project alternatives use a 3:1 design levee slope. 3:1 is a typical maximum allowable slope steepness for fill on soft soils. Future design phases should be supported by a geotechnical analysis to determine whether even gentler slopes are necessary, or whether steeper slopes might be allowable.

## 4.2 Bay Trail Resilience Alternatives

The following Bay Trail Resilience alternatives were considered. The alternatives are shown in Figures 12 and are discussed further in the subsections below.

- **No-Project Alternative:** No improvements would be made to raise or resurface the Bay Trail near North Slough. In the long term, both the Bay Trail loop trail around the North Slough Pond and the spur to Glass Beach would be overtopped and degraded.
- **Alternative 1, Spine Trail:** This alternative would raise the trail on the northern and eastern sides of the North Slough Pond to elevation 11 feet NAVD88 to provide a resilient Bay Trail spine connection set back from the marsh. In the long term, the spur trail to Glass Beach and the southern and western segments of trail around the North Slough Pond would be overtopped.

<sup>9</sup> While we use the term “levee,” the levee on which the Bay Trail is constructed is not an engineered flood protection levee.

- **Alternative 2, Loop Trail:** This alternative would raise the trail around the north and east of the North Slough Pond (as in Alternative 1) and around the southern and western sides of the pond to elevation 11 feet NAVD to provide a resilient Bay Trail loop. In this alternative, the spur trail to Glass Beach would not be raised and would likely be overtopped and degraded over time. There are two parallel trails along the west side of the North Slough Pond. The Bay Trail is located on the eastern levee; an unofficial trail is on the western levee. The design proposes raising the western levee (and realigning the Bay Trail) because it is currently at a higher elevation.
- **Alternative 3, Loop and Spur Trail:** This alternative would raise the Bay Trail to retain a resilient Bay Trail loop around the North Slough Pond (as in Alternative 2) and access to Glass Beach.

Table 4 summarizes the alternatives and the key differences between them.

**TABLE 4**  
**SUMMARY OF PROJECT ALTERNATIVES FOR BAY TRAIL RESILIENCE**

Alternative	Action	Length of Trail Improved	Total Volume of Fill	Total Grading Footprint	Anticipated Resilience
<b>No-Project</b>	Current trails, no changes	N/A	None	None	Portions of the Bay Trail experience overtopping with a 5-year rain event and no sea level rise, 1 foot of sea level rise and a king tide, or 2 feet of sea level rise at MHHW (BCDC 2023).
<b>Alternative 1, Spine Trail</b>	Raise SF Bay Trail to the north and east of North Slough Pond to an elevation of 11 feet NAVD 88.	2,873 linear feet	3,370 cubic yards	1.6 acres	The San Francisco Bay Trail on the northeast side of the North Slough Pond would be resilient to a 10-year flood event with 2.3 feet of sea level rise (approximately 50 years).
<b>Alternative 2, Loop Trail</b>	Raise SF Bay Trail loop around North Slough Pond to an elevation of 11 feet NAVD 88.	8,200 linear feet	22,550 cubic yards	6.6 acres	The San Francisco Bay Trail loop around the North Slough Pond would be resilient to a 10-year flood event with 2.3 feet of sea level rise (approximately 50 years).
<b>Alternative 3, Loop Trail and Spur</b>	Raise SF Bay Trail loop around North Slough Pond and the spur to Glass Beach to an elevation of 11 feet NAVD 88.	11,110 linear feet	33,080 cubic yards	9.5 acres	The San Francisco Bay Trail loop around North Pond and the spur to Glass Beach would be resilient to a 10-year flood event with 2.3 feet of sea level rise (approximately 50 years).





## No-Project Alternative

In the long term, both the trail around the North Slough Pond and the spur trail to Glass Beach would be overtopped. The existing Bay Trail ranges in elevation from 6 feet to 22.5 feet NAVD, which poses a risk of trail flooding in the lower areas both under existing conditions and with sea level rise. Over time, the trail would become increasingly inaccessible during high-water events and increasingly degraded from overtopping.

The No-Project option assumes that, over time, the Glass Beach and North Slough Pond Trail alignments would be abandoned in favor of the landward trail alignment running northeast of the North Slough Pond. This trail alignment is still expected to experience some overtopping in high water events as shown in Figure 8, but it generally has higher existing elevations than the neighboring trails in the Project area. A 10-year event paired with 2 feet of sea level rise is expected to overtop the trail to the northeast of the North Slough Pond, limiting access during high-water events and degrading the trail over time.

The No-Project alternative has no need for construction and therefore has no construction impacts on species or habitats and does not require permitting. It also has no costs. Over time, if the San Francisco Bay Trail is to be maintained in this area, raising, will be required; this could happen as part of a future project.

## Alternative 1, Spine Trail

The Spine Trail Alternative would raise the trail to the north and east of the North Slough Pond to provide a resilient Bay Trail spine connection set back from the marsh (Figure 12). In the long term, the spur trail to Glass Beach and the southern and western segments of trail around the North Slough Pond would be overtopped. The Bay Trail spine would be raised to the Project design grade of 11 ft NAVD88, making the trail resilient to the 10-year flood event with 2.3 feet of sea level rise (approximately 50 years of resilience).

Table 4 provides an overall summary of the length and footprint associated with Alternative 1. Because this section of trail is largely in upland habitat (to be confirmed through an aquatic resources delineation), this action is expected to result in very minimal fill of wetland habitats (0.08 acres based on wetland estimations from aerial imagery). Impacts on sensitive natural communities and species would be limited. The project would likely require permits from BCDC and potentially from wildlife agencies. If impacts to wetlands cannot be avoided permits may be needed from the USACE, RWCQB, and CDFW as well. Fill volumes for Alternative 1 are relatively low and construction costs would be relatively low as well.

## Alternative 2, Loop Trail

This alternative would raise the Bay Trail around the North Slough Pond to provide a resilient loop trail around North Pond (Figure 12). This alternative also helps protect the wastewater plant. In the long term, the spur trail to Glass Beach would be overtopped. As in Alternative 1, the trail would be raised to the Project design grade of 11 ft NAVD88, making the trail resilient to the 10-year flood event with 2.3 feet of sea level rise (approximately 50 years of resilience).

On the west side of North Slough Pond there are two parallel levees. Both levees are on property owned by the State of California. This alternative improves and routes the Bay Trail on the western most levee as it is the higher of the two levees. Because the levee is higher, it is expected to require the least amount of fill to raise to the target elevation resulting in lower costs and fewer impacts than if the alignment was on the eastern levee. Currently, the Bay Trail is routed on the eastern levee, so follow-up conversations are needed to confirm relocation of the Bay Trail to the western levee. For any locations in which the current Bay Trail elevation is higher than the elevation design target, the levee would be left at its current elevation. Table 4 provides an overall summary of the length and footprint associated with Alternative 2.

Raising of the Bay Trail around North Slough Pond would impact wetlands adjacent to the trail. Potential wetland and bayflat impacts were defined through a review of current vegetation at the project site from aerial imagery but have not been verified through an aquatic resources delineation. Based on this estimated extent of sensitive habitats, this option would result in impacts to approximately 1.3 acres of wetlands and 0.1 acres of bayflats.

Because of the impacts to aquatic resources, this alternative would likely require a full suite of environmental permits. Additionally, the impacts to wetlands would need to be mitigated or offset by wetland creation, restoration, or enhancement project on or offsite. The fill volumes are more than for Alternative 1 and less than for Alternative 2. For this reason, construction costs are expected to be between these two alternatives.

### **Alternative 3, Loop Trail and Spur**

The Loop Trail and Spur Alternative would raise the Bay Trail to retain a loop around the North Slough Pond and access to Glass Beach (Figure 12). This alternative is identical to Alternative 2, Loop Trail with the addition of raising the spur trail to Glass Beach. As in Alternatives 1 and 2, the trail would be raised to the Project design grade of 11 ft NAVD88, making the trail resilient to the 10-year flood event with 2.3 feet of sea level rise (approximately 50 years of resilience).

For any locations in which the current Bay Trail elevation is higher than the alternative elevation considered, the levee would be left at its current elevation. Table 4 provides an overall summary of the length and footprint associated with Alternative 3.

Raising the Bay Trail to 11 feet NAVD would impact wetlands and bayflats, as described in Alternative 2, Loop Trail. Based on wetland extent estimated by topography, this alternative would impact approximately 2.9 acres of wetland habitat and 0.2 acres of bayflats.

Because of the impacts to aquatic resources, this alternative would likely require a full suite of environmental permits. Additionally, the impacts to wetlands would need to be mitigated or offset by wetland creation, restoration, or enhancement project on or offsite. This alternative has greatest amount of fill and impacts and would be the most expensive to design and construct.



## 4.3 Alternatives Evaluation

As described above for the North Slough Pond Restoration alternatives, the Project planning team applied a set of evaluation criteria to assess how well each alternative meets the Project and Study objectives. This section presents the evaluation criteria and discusses the relative performance of each alternative.

### Evaluation Criteria

Bay Trail Resilience alternatives were evaluated using the same criteria as presented above (Section 3.3) for the North Slough Pond alternatives except for the Habitat Enhancements criteria, which was not applicable:

- Public Access and Recreation
  - Increase public access and recreational opportunities.
  - Improve trail condition and reduce erosion.
  - Improve public safety.
- Resilience
  - Increase resilience to sea level rise.
- Feasibility and Costs
  - Limit environmental impacts and be permittable by regulatory agencies.
  - Reduce implementation costs.
  - Reduce long-term maintenance obligations.

### Alternatives Evaluation

**Table 5** summarizes the performance of alternatives with respect to the evaluation criteria. The No-Project Alternative is the most cost-effective alternative with the least amount of impact. However, this option is susceptible to periodic flooding, especially as sea levels rise. As sea levels rise over the next 50 years, the frequency of overtopping will increase, leading to decreased access and an increase in maintenance obligations. Since the Bay Trail is heavily used in the location, maintaining it is a high priority for the City.

The three alternatives provide options for raising different reaches of the Bay Trail, with Alternative 1 proposing the least trail raising and Alternative 3 the most. As the length of trail raised increases, performance improves for public access and recreation, and resilience. The trade-off is that environmental impacts and costs increase with length of trail raised. The Project selected Alternative 2, Loop Trail, as the alternative providing the best balance of benefits and impacts/costs. It retains a loop around the North Pond, retaining recreation opportunities, but avoids the costs and impacts associated with the spur trail portion.



**TABLE 5  
SUMMARY EVALUATION OF THE BAY TRAIL RESILIENCE ALTERNATIVES**

<b>Trail Raise Option</b>	<b>Public Access and Recreation</b>	<b>Resilience</b>	<b>Environmental Impacts</b>	<b>Costs *</b>
<b>No-Project Alternative</b>	Current public access degrades over time.	Not resilient to sea level rise. Current impacts expected to gradually increase over time.	None	No short-term costs. Maintenance costs may go up over time until trail is abandoned.
<b>Alternative 1, Northeast Trail</b>	The Bay Trail spine is retained.	Spine trail resilient to sea-level rise through 2080	Potentially 0.1 acre of wetland impact. Temporary construction impacts.	Low costs for construction. Maintenance costs may go up over time until loop/spur trail is abandoned.
<b>Alternative 2, Loop Trail</b>	Bay Trail spine and loop trail are retained	Spine and loop trails are resilient to sea-level rise through 2080	Potentially 1.4 acres of wetland and bayflat impacts. Temporary construction impacts.	Moderate costs for construction. Maintenance costs may go up over time until spur trail is abandoned.
<b>Alternative 3, Loop Trail and Spur</b>	Bay Trail spine, loop trail and spur to Glass Beach are retained.	Spine, loop, and spur trails are resilient to sea-level rise through 2080	Potentially 3.1 acres of wetland and bayflat impacts. Temporary construction impacts.	Moderate costs for construction.

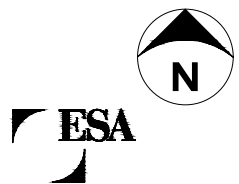
NOTE: The color scheme shows a relative evaluation of the objective measured. Green = highest value; Yellow = moderate value; Pink = lowest value.

\* Cost estimates are relative and will be explored further for the recommended alternative during development of the wetlands restoration plan.

## 5. Selection of a Recommended Project Alternative

The alternative recommended from this feasibility study incorporates elements from North Slough Pond Restoration Alternative 2 (Full Tidal) and the Bay Trail Resilience Alternative 2 (Loop Trail). **Figure 13** provides a conceptual drawing of the recommended alternative. It is proposed as the recommended alternative because it best balances meeting project objectives with limiting impacts and costs.

The full tidal alternative is the only alternative that reduces velocities to safe levels and offers water quality and erosion protection improvements. The transition slope and channels from the North Slough Pond Restoration Alternative 2 are not included as they don't offer significant habitat improvements relative to the cost and impacts. Raising the loop trail retains recreational opportunities provided by the loop, which is currently heavily used. Additionally, the wetland impacts of the raise may be able to be offset by the habitat improvements and expansion resulting from changing the hydrology to a full tidal regime. This would allow the project to be a net benefit, facilitating the permit process.





## 6. Next Steps

With the completion of this feasibility study, the evaluated alternatives will be shared with the Project's Technical Advisory Committee for input. A revised recommendation will be advanced into a wetland restoration design concept in coordination with the recommendations from the kayak launch and corporation yard feasibility studies.

## 7. References

- American Canyon 2023. Wetlands and Napa River Bay Trail website. Accessed May 2023. [www.cityofamericancanyon.org/wetlands](http://www.cityofamericancanyon.org/wetlands)
- BCDC (San Francisco Bay Conservation and Development Commission). Adapting to Rising Tides Explorer Tool. <https://explorer.adaptingtorisingtides.org/explorer>. Accessed February 2023.
- CNRA and OPC (California Natural Resources Agency and California Ocean Protection Council). 2018. *State of California Sea-Level Rise Guidance*, 2018 Update. Sacramento, CA.
- Cooper, Brent. 2023. City of American Canyon. Personal Communication.
- Envirosite 2022. Government Records Report, American Canyon Wetlands Restoration. Historical images from 1937 to 2020. June 1, 2022.
- Metropolitan Transportation Commission (MTC) 2023. San Francisco Bay Trail Interactive Map. Accessed April 2023. <https://mtc.ca.gov/operations/regional-trails-parks/san-francisco-bay-trail>
- NOAA (National Oceanic and Atmospheric Administration). 2022. CO-OPS Tidal Analysis Datum Calculator. Center for Operational Oceanographic Products and Services, Silver Spring, MD. Available: <https://access.co-ops.nos.noaa.gov/datumcalc/>. Accessed October 2022.
- Point Blue Conservation Science, 2023. Future San Francisco Bay Tidal Marshes: A Climate Smart Planning Tool. <https://data.pointblue.org/apps/sfbslr/>. Accessed June 2023.
- Stralberg D, Brennan M, Callaway JC, Wood JK, Schile LM, Jongsomjit D, et al. (2011) Evaluating Tidal Marsh Sustainability in the Face of Sea-Level Rise: A Hybrid Modeling Approach Applied to San Francisco Bay. *PLoS ONE* 6(11): e27388. <https://doi.org/10.1371/journal.pone.0027388>

# Appendix A

## **Community and Technical Advisory Committee Input**



# APPENDIX A

---

## Community and Technical Advisory Committee Input

### Community Outreach Feedback

The City collected public feedback through an online survey that was posted for several weeks in October and November 2022 and also during a public meeting on October 25.

#### ***Public Meeting Comments***

17 members of the public attended an October 25 public meeting about the Project via videoconference. Comments raised by members of the public that were pertinent to the kayak launch location included:

- The walk to Glass Beach with kayaks is a “rough, very rough, long” walk. The commenter advocated for a shorter walk or vehicular access for kayak drop-off.
- Glass Beach can be rough.
- Several commenters noted that they would prefer to access the kayak launch from proposed the Eco Center location.
- One person commented that they wanted to be able to launch their non-motorized outrigger canoe from the kayak launch with room to pass an outrigger canoe on shore and in the water.
- One person suggested closing a lane of traffic on Wetlands Edge Drive for more parking.

Other comments included:

- One person commented that they thought access to the North Slough through the Eco Center Property is important.
- One comment noted they are glad to hear about opening the culvert and subsequent environmental benefits.
- One attendee asked about the flow in the North Slough Pond. They noted their understanding is that the flow through the culvert now is low, and asked if the flow they’re going to get in the expanded channel will be sufficient. They also asked if there is still not enough flushing in the North Slough Pond.
- One comment noted they North Slough Pond area feels like they best for kayak access.

#### ***Survey Responses***

The City gathered survey responses regarding the kayak launch in late October 2022. 45 members of the public answered the survey questions. (City of American Canyon 2022).

#### **Top Respondent Priorities**

72% of survey respondents stated that proximity to parking was their highest priority for the kayak launch. 30% indicated their second priority was proximity to restrooms. 27% of respondents said their second priority was available space for equipment staging. 24% of respondents said their third priority was available water for cleaning equipment (39% of respondents listed this as their fourth priority). Respondents listed their remaining priorities in

descending order as proximity to benches/tables, shelter from wind and wave action, and ADA accessibility.

### **Distance from Parking**

The distances from parking for each potential kayak launch site are as follows:

- North Slough at Corporation Yard: 900 feet (0.17 mile)
- North Slough at the Bay Trail: 1700 feet (0.33 mile)
- Glass Beach: 4600 feet (0.87 mi)

Of the 36 people who answered the question about how far they would be willing to walk their kayak/boat from the nearest parking/drop-off location, 22% said up to 100 feet, 25% said up to 600 feet (0.1 mile), and nearly 20% said they would walk up to 1,300 feet (0.25 mile). Only 1 respondent (3%) said they would walk up to 2,600 feet (0.5 miles). Nobody said they would walk more than half a mile to the kayak launch. (30% of respondents said they wouldn't use the kayak launch. These responses underscore how important proximity to parking is for selection of the kayak launch.

### **Boat Types**

Of the 40 people who responded to the question about what kind of boat they would like to launch from a new American Canyon kayak launch, 65% said they would launch a kayak, 25% a paddleboard, 2.5% would kite surf, 15% an inflatable raft, 32% no boat, and 10% other boat (other boats listed included peddle boat, canoe, outrigger canoe, and power boat). Implications for the Project are that the Project should ensure that the kayak launch server kayakers and paddleboarders with sufficient flexibility for people to launch similar types of watercraft. (Launching powerboats is beyond the scope of this report).

### **Other Survey Feedback**

Other survey respondent comments pertinent to the kayak launch (in approximate order of frequency) included requests for protecting wildlife, wildlife viewing platform, new trails, bike racks, additional parking, kayak rentals, kayak drop-off, speed bumps, restrooms, providing dog poop bags, trash bins, restricting duck hunting, concerns about overcrowding, aversion to a rocky launch like at Green Island Rd, and appreciation for the folks who are working at making the kayak launch a reality.

Other survey respondent comments included request for a recreational facility, preventing commercial business, concerns about boats, safety concerns, traffic and speeding concerns.

## **Technical Advisory Committee Feedback**

The TAC worked with the Project team to develop a set of criteria to assess how well each alternative performs with respect to the Project objectives. TAC representatives weighed in on the pros and cons of each of the three alternative sites<sup>1</sup> during a July 28, 2022 TAC meeting. A

---

<sup>1</sup> The TAC also weighed in on a 'side channel' alternative location at the Corporation Yard site that was later found to be infeasible.

follow up meeting was held on August 31, 2022 with one of the TAC members who was unable to attend the original meeting date. The TAC is comprised of:

- American Canyon Community and Parks Foundation – Janelle Sellick
- Napa Open Space District Board – Barry Christian
- Napa County Water and Flood Control District – Jeremy Sarrow
- California Department of Fish and Wildlife (CDFW) – Karen Taylor
- Napa County Resource Conservation District – Martin Perales
- North Coastal Regional Water Quality Control Board – Xavier Fernandez
- California Coastal Conservancy – Avra Heller
- Parks & Open Space Board

The TAC provided general feedback that proximity to accessible parking for the kayak launch is critical, that it's important for the kayak launch to be ADA accessible, and that access to the water is more critical than access directly to the Napa River. Specific feedback on the kayak launch locations are as follows:

### **North Slough at Corporation Yard**

The TAC expressed that a connection to the Eco Center and its associated infrastructure (ADA restrooms, parking) and educational programming is a big plus. Members expressed that having a dolly at the Eco Center would be desirable if that is the location where the kayak launch gets built. Another TAC member noted that at other kayak launch locations, owners had trouble preventing dollies from falling into the water, and therefore this wasn't recommended. The TAC thought that the North Slough location would be of medium difficulty to permit and that the distance to the Napa River is not a drawback.

### **North Slough at the Bay Trail**

One TAC member stated that if the kayak launch is built at the North Slough at the Bay Trail site, the existing controlled-access road that goes there should be opened up for kayak drop-off provided that the City can get an easement in place for access to that location. They commented that the current flows swiftly at this location but that the site could work if the existing culverts are replaced with a bridge with a natural bottom. The TAC supported removing the public safety hazards at the culverts: one TAC member noted that dogs have gotten pulled through the culverts and have drowned. They said that the fencing has not been effective in keeping dogs and people out of the channel at this location. The TAC indicated that this site would be relatively straightforward to permit.

### **Glass Beach**

The TAC pointed out that one of the desirable traits of Glass Beach is that the site would be relatively straightforward to permit.

The TAC pointed out that the Glass Beach site has several safety and logistical downsides, however:

- Glass Beach has polished glass and some broken glass that presents a safety issue to people launching or falling out of boats.
- Historical landfill practice was to bulldoze garbage to the river's edge and burn. Soil

- sampling in the pond showed high creosote levels (consistent with burning).
- Glass Beach is a long way from parking.

## Project Partners

The Eco Center would not run kayak trips but is interested in partnerships with other organizations.



# Appendix B

## **Biological Resources Memo**

REDACTED - PROVIDED AS APPENDIX E OF THE RESTORATION  
AND PUBLIC ACCESS PLAN

# Appendix C

## Phase I Environmental Site Assessment

REDACTED - PROVIDED AS APPENDIX D OF THE RESTORATION  
AND PUBLIC ACCESS PLAN

# Appendix D

## **American Canyon Wetlands Restoration Project – North Slough Hydraulic Modeling Memo**



575 Market Street  
Suite 3700  
San Francisco, CA 94105  
415.896.5900 [phone](#)  
415.896.0332 [fax](#)

[esassoc.com](http://esassoc.com)

# Memorandum

date March 3, 2023

to City of American Canyon

cc Michelle Orr and Katie Dudney

from Eddie Divita and Linnea Tucker

subject American Canyon Wetlands Restoration Project - North Slough Hydraulic Modeling

## Introduction

### Project Background

The American Canyon Wetlands Restoration Project (Project), led by the City of American Canyon (City), proposes wetlands enhancement and improvements to public access along the North Slough and lower Napa River. ESA is conducting three feasibility studies in support of project planning to assess (1) restoration and recreational opportunities near the North Slough Pond, (2) restoration and recreational opportunities near the City's Corporation Yard, and (3) construction of a new kayak launch. This memo documents hydraulic modeling conducted by ESA in support of the North Slough Pond feasibility study.

The City of American Canyon is evaluating options to replace two existing culverts connecting North Pond to the wetlands to the south (**Figure 1**). One objective of the Project is to improve existing habitats and water quality in the North Pond by restoring a more natural tidal hydrology. The existing culverts allow only limited tidal exchange to the North Pond. According to water level measurements by ESA, the tide range in the North Pond is muted<sup>1</sup>, limiting the potential establishment of tidal marsh habitats. A second objective is to reduce high velocity flows through the culverts and in the vicinity of the culvert outlets. High velocities have been cited as a safety concern and appear to be contributing to erosion observed along the toe of the trail and the toe of the landfill access road. The culverts, which are in poor condition, would be replaced with one or more new, possibly larger culverts or an open channel that would provide improved tidal connectivity and reduce erosion and safety hazards.

---

<sup>1</sup> Muted tides have a smaller tide range – lower high tides and higher low tides – compared to a full tide range. The Napa River and wetlands south of the Bay Trail experience a full tide range.





## Modeling Study Objectives and Approach

Hydraulic modeling was used to evaluate opportunities to improve the tidal connection between North Pond and the North Slough tidal wetlands to the south of the Bay Trail (**Figure 1**) to inform the City's restoration planning efforts. The modeling considers four options for adding additional culverts or an open channel to increase tidal exchange to the North Pond and reduce velocities at the Bay Trail crossing. The options are described in the Evaluation of Design Options section below. The suitability of each of these options is evaluated based on typical tidal conditions. Evaluation of flood conditions is not considered as a part of this study.

## Model Setup

ESA performed hydraulic modeling for this project using the 2-dimensional HEC-RAS (version 6.2) hydraulic model, a commonly-used hydraulic model developed by the US Army Corps of Engineers. The sections below describe the model setup.

## Study Area

### Model Domain and 2D Grid

The model domain and grid are shown in **Figure 2**. The grid generally uses a cell size of 50x50 ft. Cell spacing of 25x25 ft was added along the deeper channel and ditch alignments to increase resolution in these sections of the model grid.

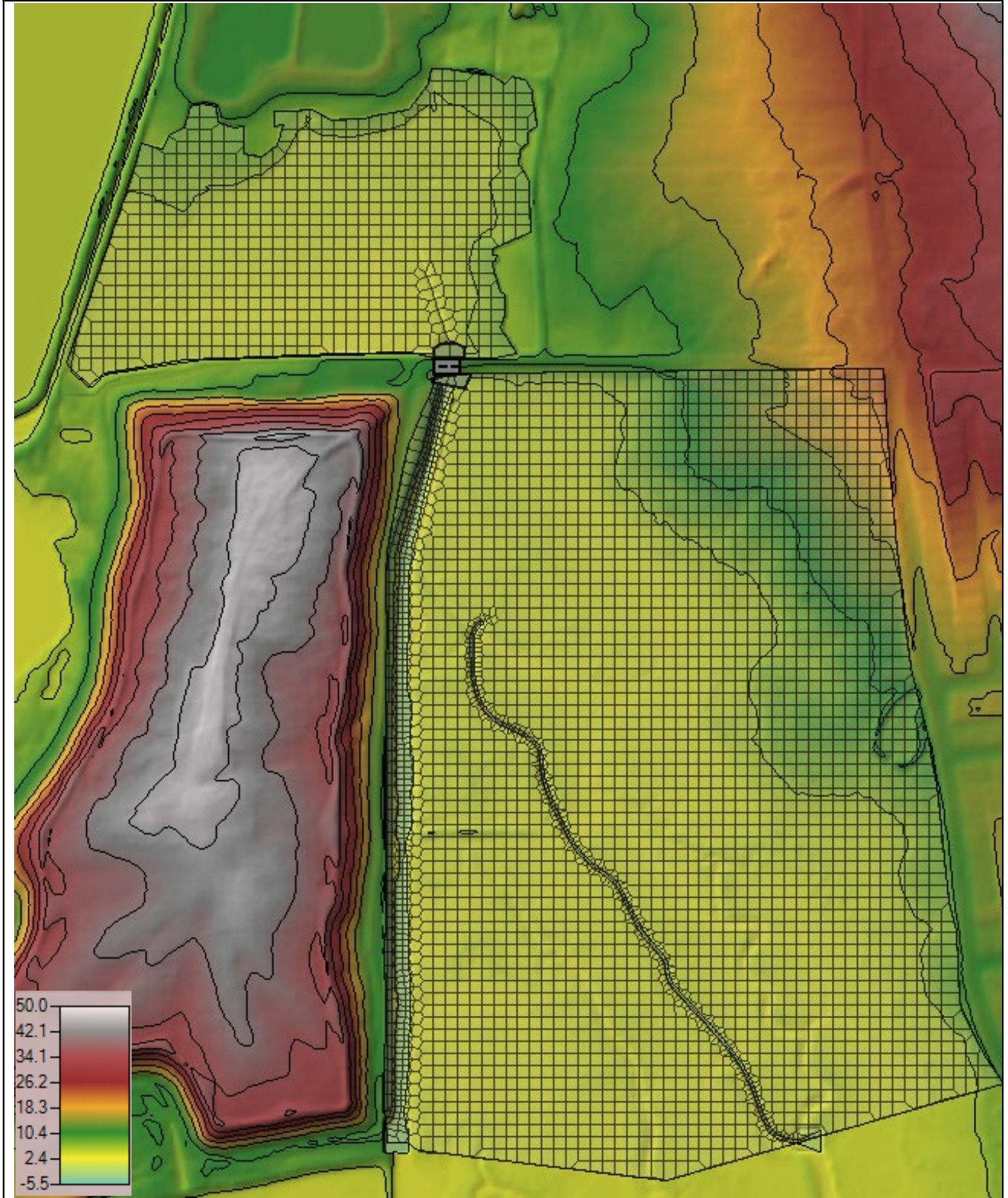
### Hydraulic Structures

Two culverts run under the Bay Trail levee that separates the North Pond from the North Slough tidal wetlands. One of the culverts is a corrugated metal pipe (CMP) and the other is made of concrete. The CMP pipe was surveyed by ESA and measures 97 ft in length, 3 ft in diameter and have an upstream and downstream invert elevation of 1.2 ft NAVD. The concrete pipe measures 110 ft in length and 3.5 ft in diameter. It has an upstream invert elevation of -1.4 ft NAVD and a downstream invert elevation of -2.3 ft NAVD. Both the CMP and concrete pipes were assumed to have an entrance loss coefficient of 0.5 and an exit loss coefficient of 1 (HEC-RAS Hydraulic Reference Manual 2022).

## Water Level Boundary Conditions

ESA collected water surface elevation data using Levellogger Edge loggers from 5/3/2022 to 6/21/2022 in the Napa River, in North Slough south of the Bay Trail, and in the North Pond. The locations of water level measurements are shown in **Figure 3**. Water levels at the Napa River monitoring location (**Figure 4**) were used as the boundary condition along the southern boundary of the model grid. The other monitoring locations were used for model calibration.

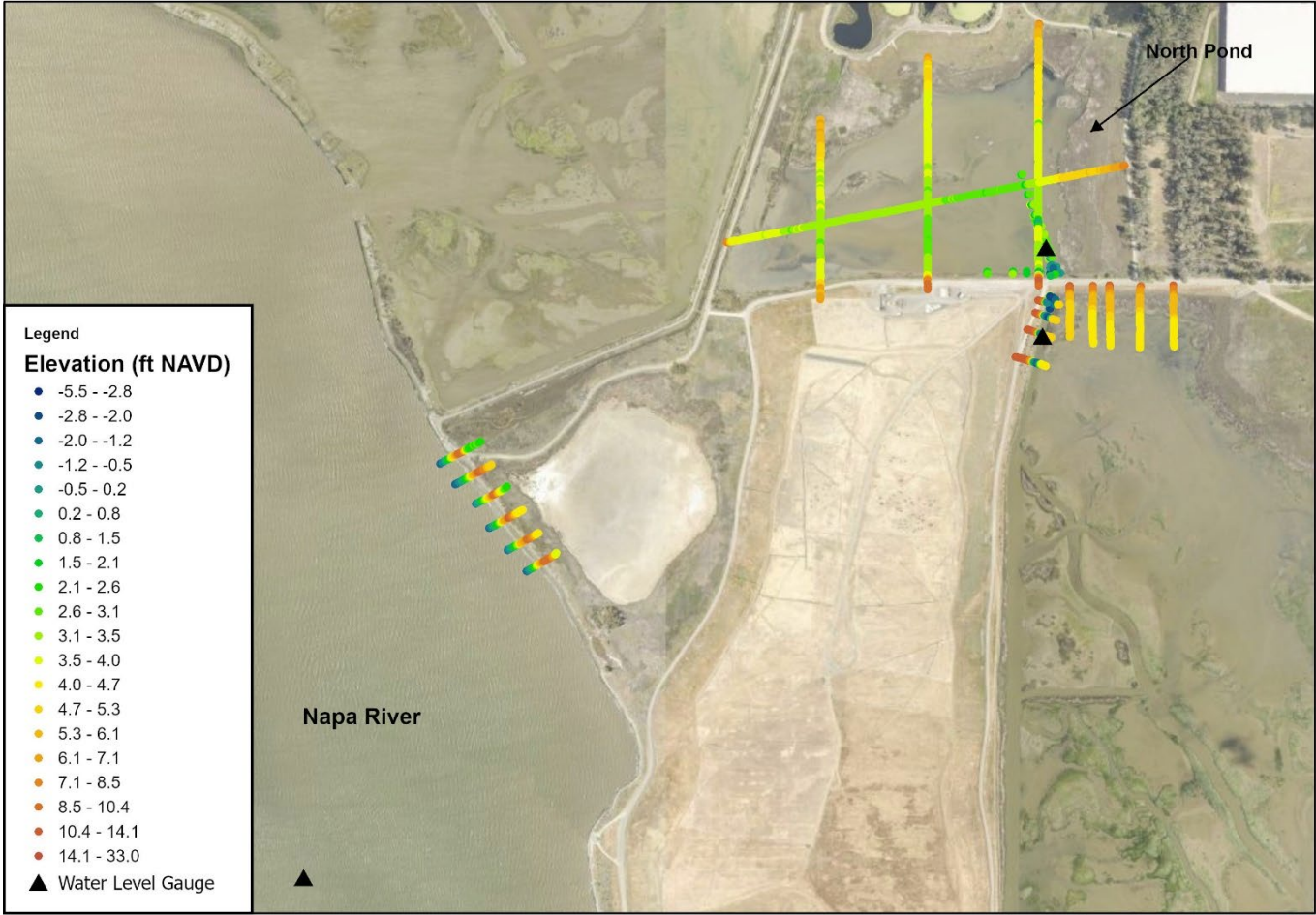




SOURCE: ESA 2022

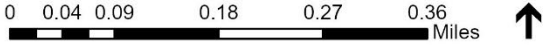
American Canyon Restoration D202101145.00

**Figure 2. HEC-RAS Model**  
2D Flow Area Grids in HEC-RAS Model

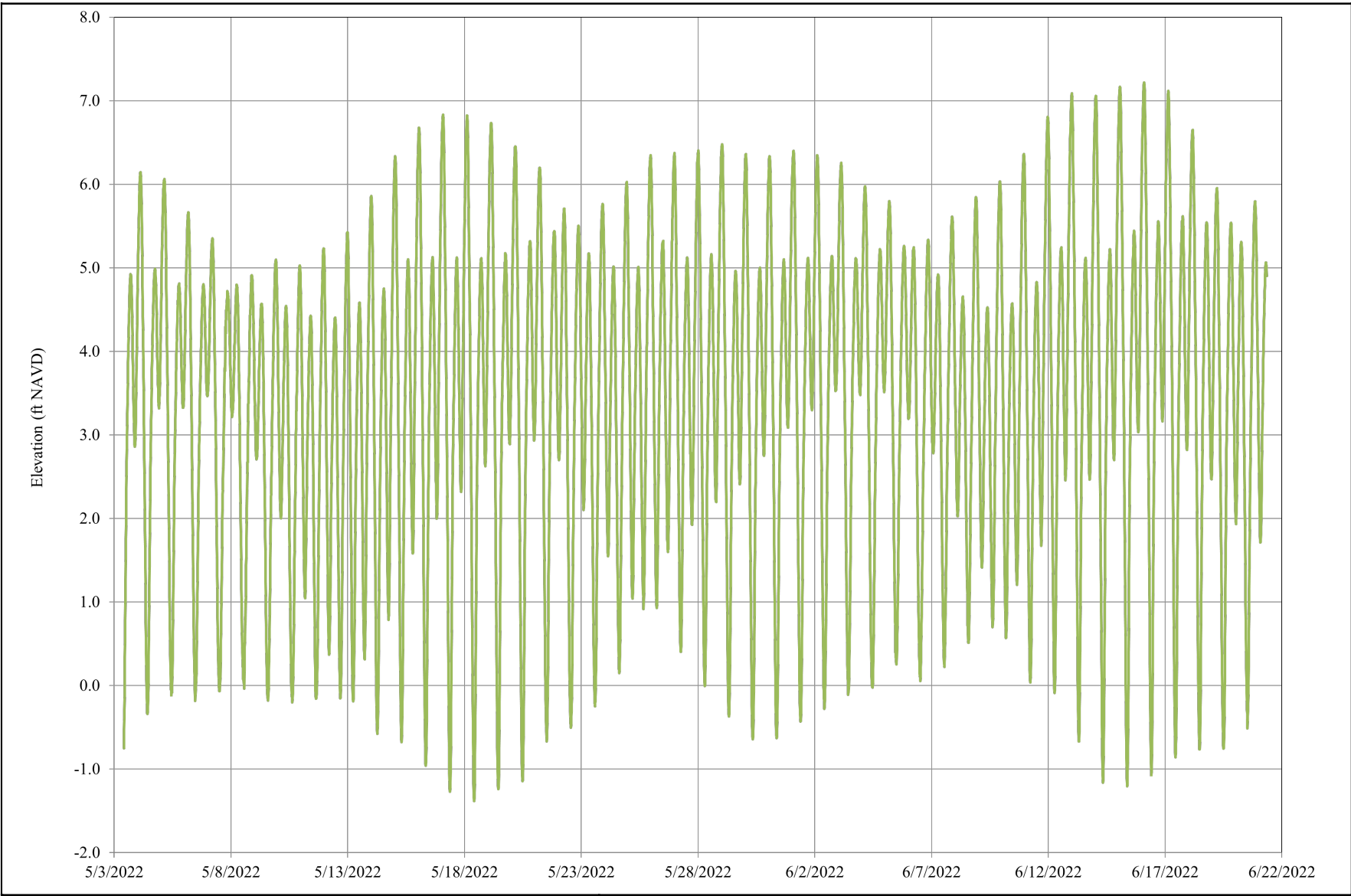


SOURCE: ESRI (background imagery), ESA 2022

American Canyon Restoration . D202101145  
**Figure 3. North Pond Survey**  
2022 ESA Survey







SOURCE: ESA Water Level Gauges 2022

American Canyon Restoration D202101145.00

**Figure 4. Napa River Water Levels, observed**  
Tidal Boundary Condition from observed water levels at the Napa River

## Topography and Bathymetry

The existing ground elevations used in the model are based on a composite of a publicly available digital elevation model created by NOAA and ground survey data collected by ESA. The NOAA Sea Level Rise Viewer Digital Elevation Model data (DEM) from November 2021 was downloaded from NOAA Digital Coasts on 3/28/2022. The DEM shows elevations of the tidal marsh plain and uplands, but does not accurately reflect elevations of subtidal and inertial areas such as the tidal channels in the marsh. Elevations for these areas were supplemented with ground survey data.

ESA surveyed elevations of the North Pond, Bay Trail levee, and the existing culverts. **Figure 4** shows the locations of the surveys conducted by ESA in 2022 (5/3/22, 6/21/22 and 7/19/22). Elevations were surveyed within the North Pond (4 transects and select spot elevations), immediately south of the Bay Trail into the wetlands (5 north-south transects), and within the deep channel (the realigned North Slough) along the eastern side of the landfill (3 channel cross sections and spot elevations). These survey points were converted to a topographic surface using AutoCAD Civil3D.

ESA developed a small number of manual edits to represent tidal channels in areas where ground survey data was not collected and where the channels were not accurately represented in the DEM. These edits are visible as channel features in the grid in **Figure 2**. For the North Slough channel, ESA applied edits to extend the channel from the surveyed area (in the vicinity of the culverts) southward to the southern model boundary and northward a short distance into the North Pond. The southernmost surveyed cross section was extended for the remaining length along the east side of the landfill by generalizing the top of bank, toe of bank and thalweg elevations collected from the survey data. A depression was manually added at the southern end of the landfill channel/ditch to ensure tidal flow was able to enter the North Slough area of the model. The historic alignment of North Slough viewable on aerial imagery was also added into the model surface using a generalized geometry from the ESA survey data. Depressions were included at the upstream and downstream culvert invert locations corresponding to the surveyed invert elevations. These manual edits were necessary to allow the hydraulic model to accurately reproduce the observed low tide elevations north and south of the culverts. ESA used the HEC RAS built-in topography generator to create a mosaic of the ESA survey data, the manual channel edits, and the NOAA SLR DEM.

## Model Roughness – Manning’s n

This study applies a simple approach to the Manning’s n hydraulic roughness parameter. The model domain was divided into two zones, the North Pond (north of the Bay Trail) and the North Slough wetlands (south of the Bay Trail), and each zone was assigned a uniform Manning’s n value. During the initial model setup both zones were assigned a roughness value of 0.06, reflecting the suggested value from the HEC-RAS 2D User’s Manual for Emergent Herbaceous Wetlands. During model calibration, ESA adjusted the roughness parameter in the North Slough wetlands in order to better reproduce existing tidal conditions. A Manning’s n value of 0.035 was found to provide the best reproduction of observed tidal conditions, and this value was used for the North Slough wetlands for all model runs. This roughness value is lower than would be expected for a vegetated tidal marsh, but it is a reasonable value for non-vegetated mudflat.

ESA interprets the use of a lower than typical roughness value for the North Slough wetlands area as a correction necessary to accurately reproduce tidal drainage in the North Slough Area. The DEM does not provide enough detail to accurately represent all of the existing small tidal marsh channels that provide drainage for the marsh,

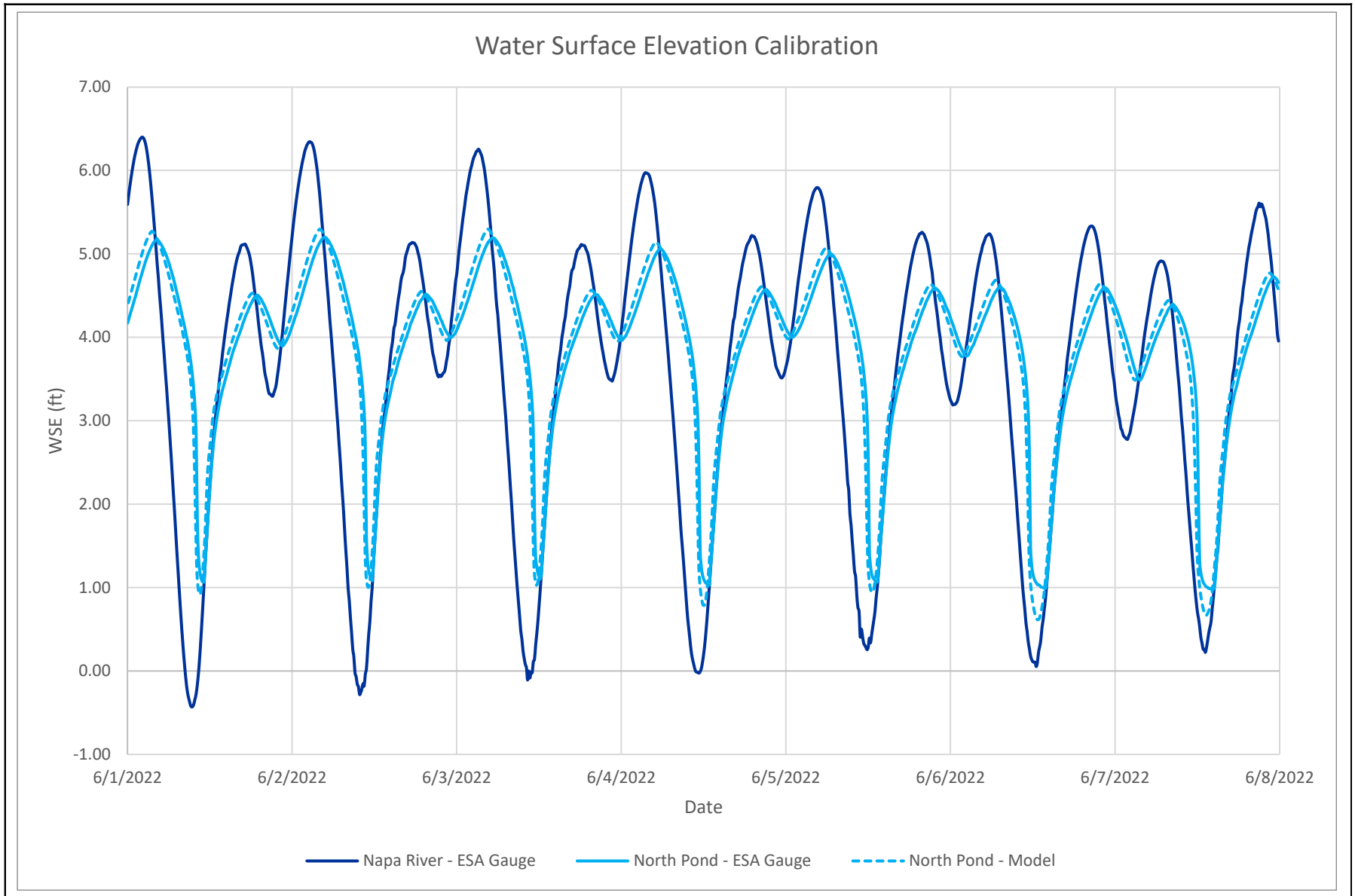
and therefore the model was showing very slow drainage of the marsh areas when a typical roughness value was used. The lower roughness value resulted in realistic drainage rates matching observations.

ESA used the recommended default roughness values from the HEC-RAS User's Manual for all culverts. Corrugated metal pipes were assumed to have a Manning's n value of 0.019 while all concrete pipes were assumed to have a Manning's n value of 0.011.

## Calibration

Observed water levels in the North Pond and the North Slough (collected by ESA for this study; discussed above) were used for model calibration. Modeled water levels were compared to observed water levels at the same location. Once the modelled water surfaces at each of these locations matched the surveyed data reasonably well, the model was modified to introduce design options.

**Figure 5** depicts a time series comparison between observed and modeled water levels in the North Pond, and observed Napa River water levels for comparison. **Figure 6** shows percent exceedance curves for observed water levels at the Napa River, the North Pond and the North Slough, and modelled water levels for the North Pond. Modeled water levels are considered to match well with observed water levels for the purposes of this assessment.

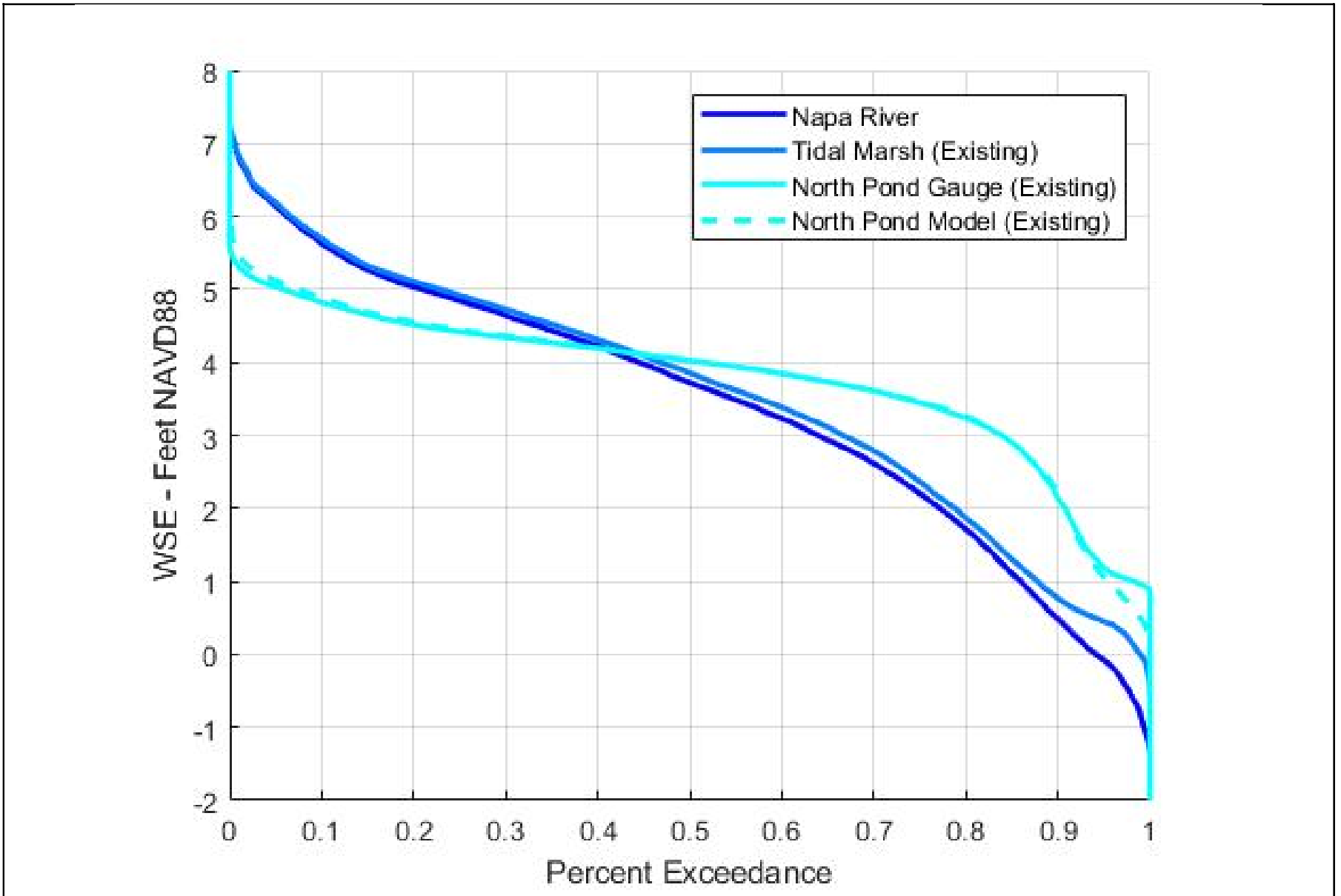


SOURCE: ESA 2022

American Canyon Restoration D202101145.00

**Figure 5. Model Calibration**  
HEC-RAS model calibration for Water Surface Elevations in the North Pond





SOURCE: ESA 2022

American Canyon Restoration D202101145.00

**Figure 6. Percent Exceedance Curve**  
Percent Exceedance curves for the calibration  
Between the HEC-RAS model and ESA Gages

## Evaluation of Design Options

Four preliminary design options were selected for modeling. The modeled hydraulic conditions for each option are presented and compared to provide initial indications of the range of potential hydraulic outcomes that could be achieved by replacing the existing culverts. These options will be refined later in the design process.

### Design Options

Four hydraulic structure design options were evaluated in this study, as shown in **Figure 7**.

- Option 1: Double the number of culverts and otherwise maintain the existing culvert geometry, i.e. include two 3-ft diameter CMP culverts and two 3.5-ft diameter concrete culverts.
- Option 2: Triple the number of culverts and otherwise maintain the existing culvert geometry, i.e. include three 3-ft diameter CMP culverts and three 3.5-ft diameter concrete culverts.
- Option 3: Replace the existing culverts with a large open channel, with a bottom width of 5 feet at elevation -1ft NAVD, and a width of 49-ft at 6 ft NAVD (approximately MHHW). This channel size is based on the equilibrium size to serve a marsh the size of North Pond.<sup>2</sup>
- Option 4: Replace the existing culverts with a narrower open channel, with a bottom width of 5 feet at elevation -1ft NAVD, and a width of 16-ft at 6 ft NAVD (approximately MHHW). A narrower channel would require less excavation and a smaller bridge crossing.

Culverts for Options 1 and 2 were assumed to have the same hydraulic configurations and properties as the existing culverts, with the options altering only the overall number of culverts. Open channel configurations were simulated as weirs in the model; weirs were assumed to have a discharge coefficient of 3.

## Results

### Water Levels

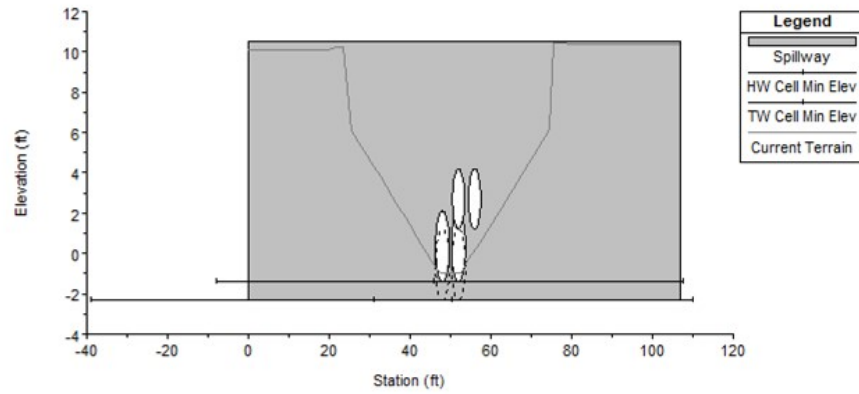
Modeled water levels for each option were compared to measured water levels at the Napa River, which was used as the measure of natural tidal hydrology. All Options result in a more natural tidal hydrology for the North Pond than exists currently, with Option 3 and 4 providing the greatest increase in tidal range and Option 1 the least.

**Figure 8** depicts the modeled alternate hydraulic configurations, as well as the ESA-surveyed water surface elevations at the Napa River (proxy for natural tidal conditions) and the North Pond. Note that Options 3 and 4 overlap one another in Figure 8, therefore Option 3 is minimally visible.

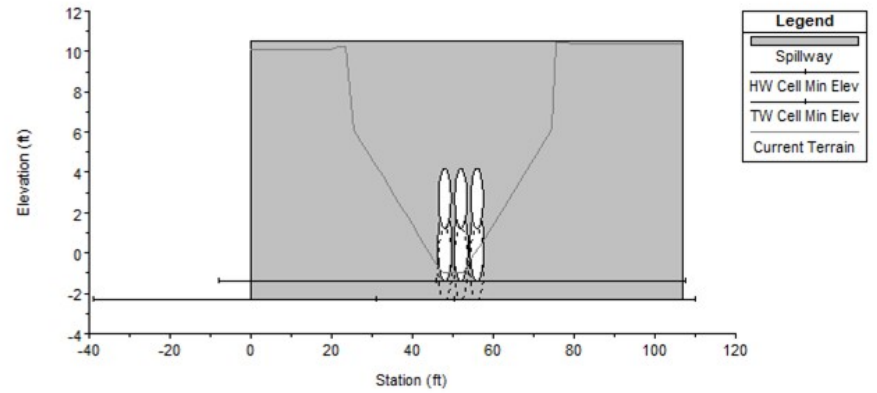
---

<sup>2</sup> Calculations based on Williams et al. 2002 for long-term marsh conditions.

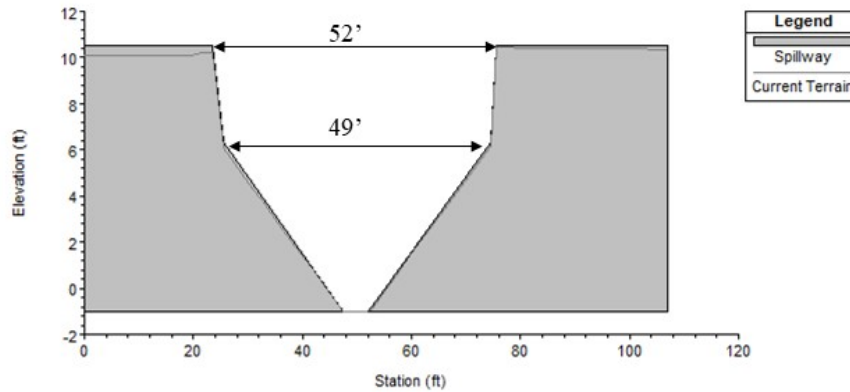
Option 1: Double the Existing Culverts



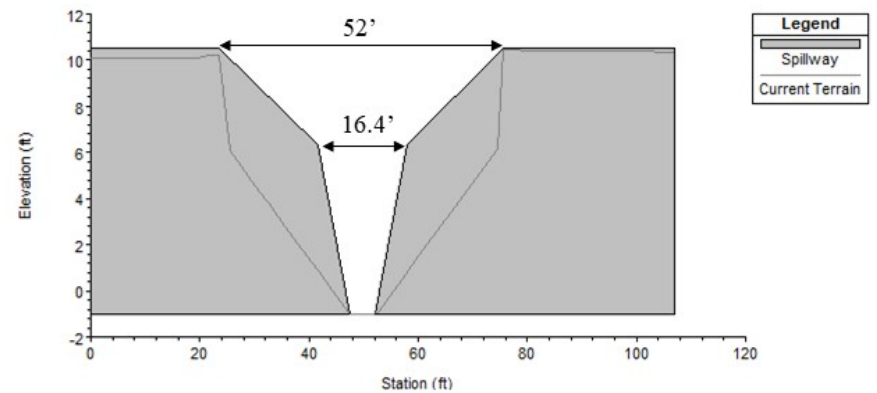
Option 2: Triple the Existing Culverts

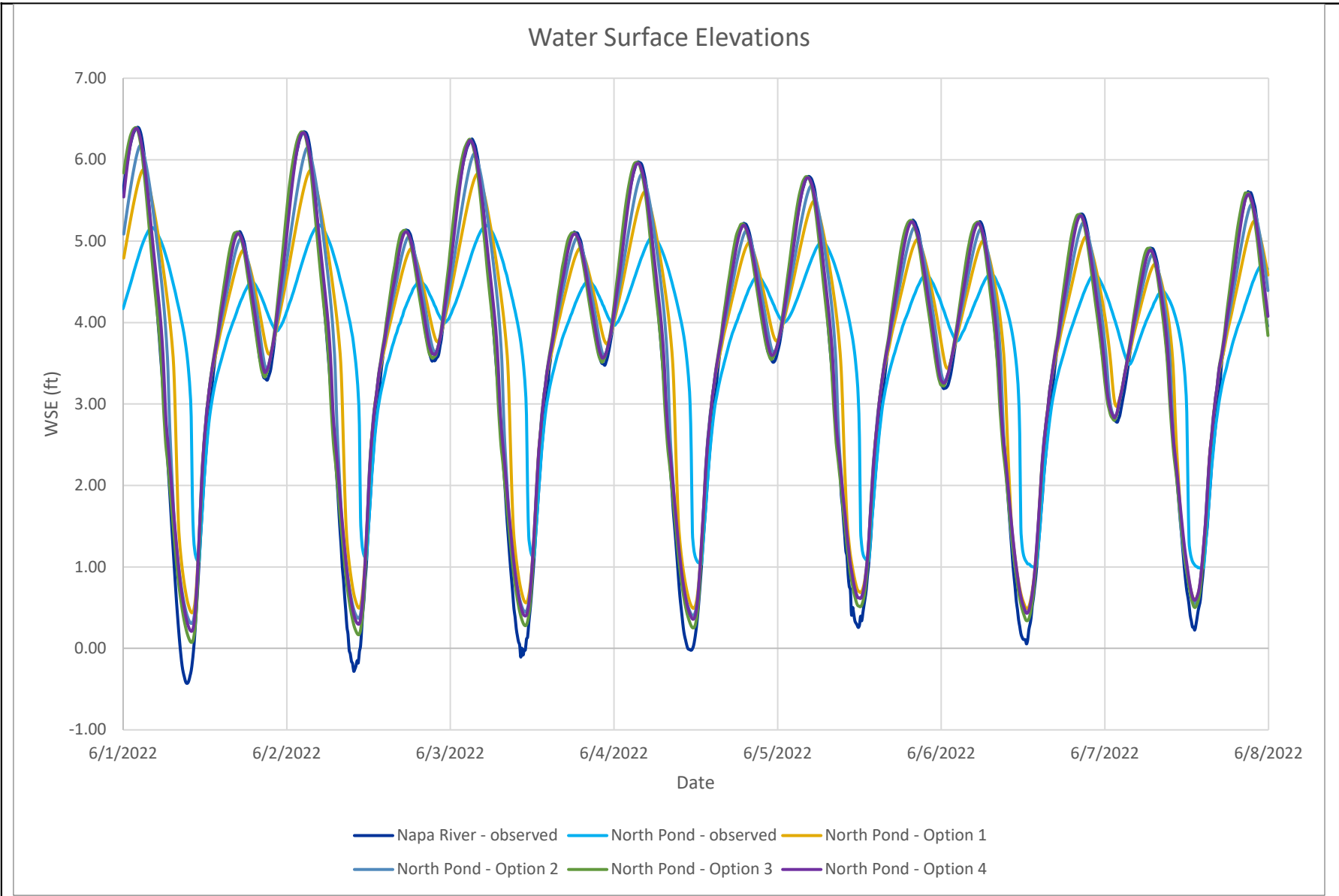


Option 3: Equilibrium Open Channel



Option 4: Narrow Open Channel





SOURCE: ESA 2022

**Figure 8. Modeled Water Surface Elevations**  
HEC-RAS modeled water surface elevations in the North Pond for a subset of the study period



## Water Levels and Tidal Habitat Range

ESA assessed inundation frequencies to estimate the potential extents of tidal marsh habitats in the North Pond for each Option. ESA assumed that the extent of tidal marsh habitats can be estimated as the areas that are tidally inundated approximately 5% to 50% of the time, based on ESA's prior project experience and observed vegetation conditions relative to tide elevations at the project site. Many other factors also contribute to vegetation extents, such as soil conditions and water quality (pH, salinity). These factors are not considered in this simple analysis.

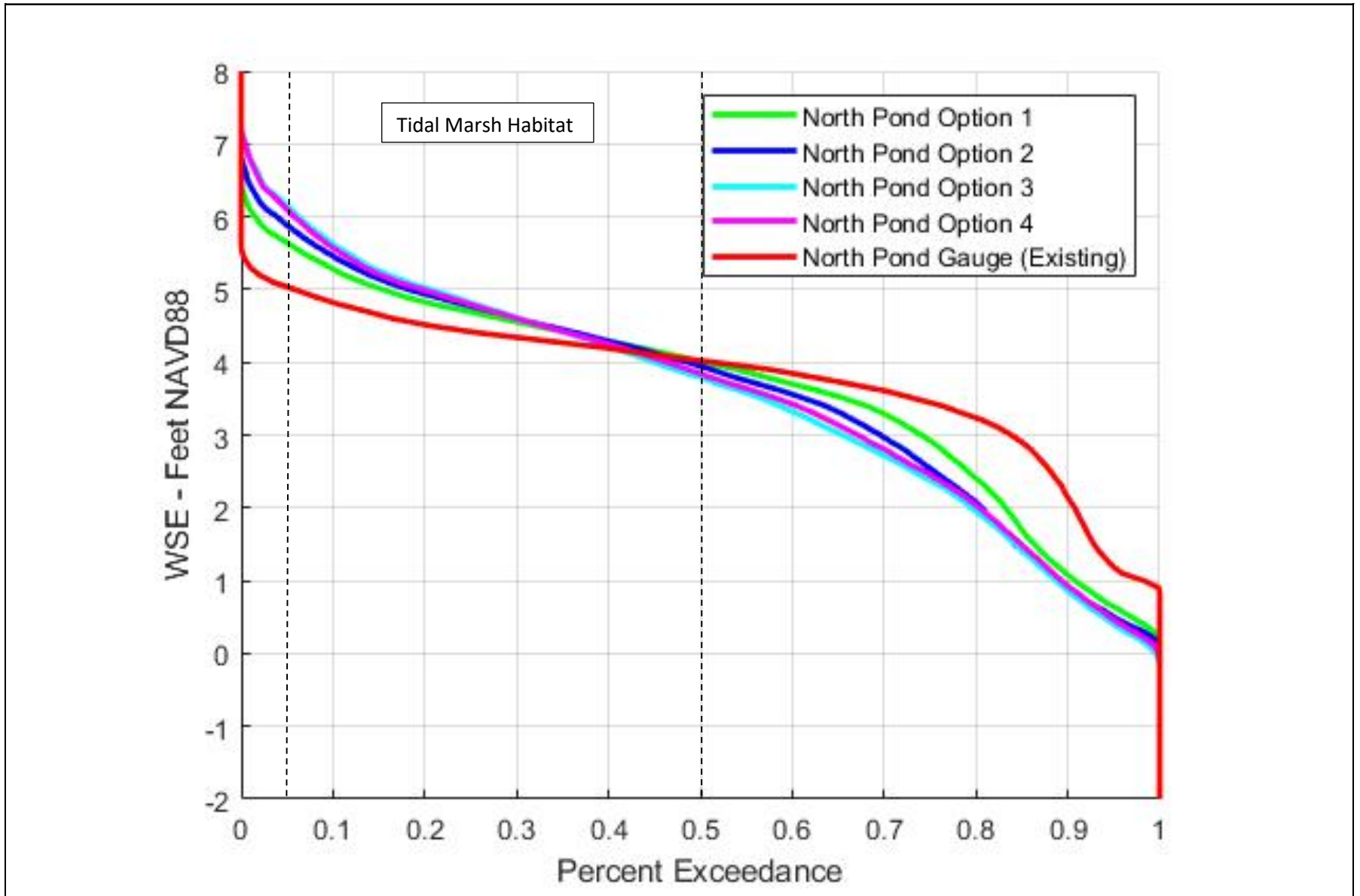
The different Options result in different tide elevations in the North Pond, and therefore different ranges of elevations that could potentially support tidal marsh habitats. **Figure 9** shows a percent exceedance curve illustrating the modeled inundation elevations for each of the Options. **Table 1**, denotes the specific elevations that are expected to support tidal marsh for each of the Options.<sup>3</sup> Options 3 and 4 support tidal marsh at the same elevations and exhibit the largest range of elevations in which tidal marsh can exist. Options 1 and 2 show improvement on the range of elevations supporting tidal marshes compared to existing conditions but show less improvement compared to Options 3 and 4.

**TABLE 1**  
**MODELED TIDAL MARSH ELEVATION RANGES BY OPTION**

MODELED OPTION	LOWEST SUPPORTED MARSH ELEVATION (ft NAVD88)	HIGHEST SUPPORTED MARSH ELEVATION (ft NAVD88)
<b>Existing Conditions*</b>	4.0	5.1
<b>Option 1</b>	4.0	5.6
<b>Option 2</b>	4.0	5.8
<b>Option 3</b>	3.8	6.0
<b>Option 4</b>	3.8	6.0

\* Existing conditions calculated using modeled water levels. Tidal marsh elevations are similar (4.0 to 5.0) using observed water levels.

<sup>3</sup> ESA calculated tidal datums in the North Pond using the NOAA CO-OPS Datum Calculator.



SOURCE: ESA 2022

American Canyon Restoration D202101145.00

**Figure 9. Percent Exceedance Curve**  
Percent Exceedance curves for Existing Conditions and Alternative Geometries in the North Pond

## Velocity

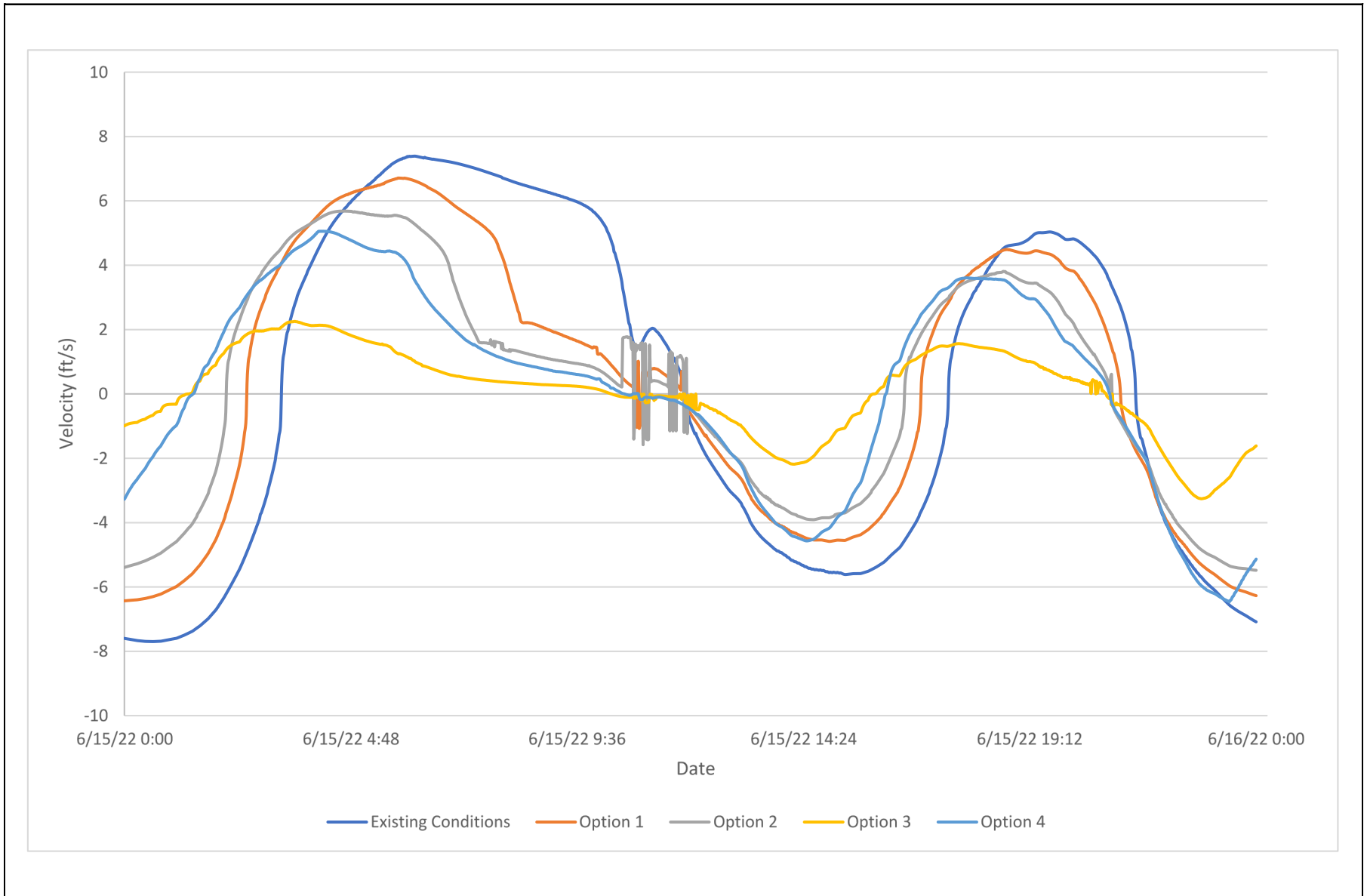
All Options resulted in lower velocities at the hydraulic connection to the North Pond compared to existing conditions. **Figure 10** portrays modeled velocities for each of the Options compared to existing conditions during a spring tide event. Table 2 shows the maximum velocity for each Option during the entire period modeled (5/3/2022 to 6/20/2022). The tide range, and resulting tidal velocities, varies in weekly, monthly, annual and multi-annual cycles, with higher velocities during spring tides and lower velocities during neap tides. Option 3 results in the lowest maximum velocity over the modeling period compared to all other alternatives.

ESA has identified a potential design target for maximum tidal flow velocities of 3 to 4 feet per second, which is typical of natural tidal channels. This is a not a strict target, but it provides a useful baseline to inform interpretation of the model results.

Option 3 is the only option that has maximum velocities within the target range, while all of the other Options exceed the target velocities by a large margin.

**TABLE 2**  
**SUMMARY OF MAXIMUM VELOCITIES FOR EACH MODELED DESIGN OPTION**

MODELED OPTION	MAXIMUM VELOCITY (ft/s)
Existing Conditions*	7.9
Option 1	6.8
Option 2	5.7
Option 3	3.4
Option 4	6.5



SOURCE: ESA 2022

Note: The velocity fluctuations for Option 2 near 0 ft/s are a byproduct of model calculation methods and do not represent expected flow conditions.

American Canyon Restoration D202101145.00

**Figure 10. Modeled Velocities**  
HEC-RAS modeled velocities  
for a Spring tide during study period



## Discussion

**Table 3** presents a summary of the performance of the four Options relative to existing conditions. Options 1 and 2 provide notable improvements to the tide range in the North Pond relative to existing conditions, Option 1 provides improved but still slightly muted tides, and Option 2 provides relatively natural tides. Both of these options still result in very high flow velocities, and therefore do not resolve concerns related to high velocities through the culverts. Based on these results, it appears that more than six 3 to 3.5-ft diameter culverts and/or larger (e.g., 4+ ft diameter) culverts would be required to achieve the desired low velocities.

**TABLE 3**  
**SUMMARY OF HEC-RAS MODEL RESULTS FOR EACH OF THE HYDRAULIC CONFIGURATIONS CONSIDERED**

SCENARIO	DESCRIPTION	10% INUNDATION ELEVATION	90% INUNDATION ELEVATION	MAX VELOCITY	SUMMARY
<b>Existing Conditions*</b>	1x3' culvert 1x3.5' culvert	4.9	2.2	7.9 ft/sec	<ul style="list-style-type: none"> <li>· Muted tides</li> <li>· High velocities</li> <li>· Potentially unsafe culvert</li> </ul>
<b>Option 1</b>	2x Existing Culverts (4 total)	5.3	1.1	6.8 ft/sec	<ul style="list-style-type: none"> <li>· Muted tides</li> <li>· High velocities</li> <li>· Potentially unsafe culvert</li> </ul>
<b>Option 2</b>	3x Existing Culverts (6 total)	5.5	0.9	5.7 ft/sec	<ul style="list-style-type: none"> <li>· Natural tides</li> <li>· High velocities</li> <li>· Potentially unsafe culvert</li> </ul>
<b>Option 3</b>	Wide (Equilibrium) Open Channel (49-ft across at channel bank inflection point)	5.6	0.9	3.4 ft/sec (Open channel)	<ul style="list-style-type: none"> <li>· Natural Tides</li> <li>· Moderate velocities</li> </ul>
<b>Option 4</b>	Narrow Open Channel (16-ft across at channel bank inflection point)	5.6	0.9	6.5 ft/sec (Open channel)	<ul style="list-style-type: none"> <li>· Natural Tides</li> <li>· High velocities</li> </ul>

Options 3 and 4 both restore a full, natural tide range within the North Pond, resulting in the greatest potential improvement to tidal marsh habitats in the pond. Option 3 results in the lowest maximum flow velocities, within the range of typical maximum velocities in natural tidal channels. Option 4 results on relatively high velocities (comparable to Option 1), raising concerns about erosion and safety. It should be noted that the safety risks associated with high velocity flows in an open channel (e.g., risk of a small watercraft becoming stuck or pinned on the structure, risks of animals or recreational users becoming trapped in the flow, risk of drowning) are likely lower for an open channel compared to a submerged culvert.

Option 3 provides the best performance with respect to the hydrologic and velocity criteria outlined at the onset of this memo.

Recommendations for the specific type and size of hydrologic connection will be provided in the North Pond Feasibility Study. The recommendation will be based on factors evaluated in this modeling study as well as factors such as compatibility with proposed recreational improvements including the proposed new kayak launch, aesthetics, and costs of construction and maintenance. The selected connection may be one of the modeled options or one informed by the modeled options, such as a channel size intermediate to Options 3 and 4, a prefabricated large box or arch culverts.

## References

USACE Hydraulic Engineering Center. 2023. HEC-RAS 2D User's Manual.

<https://www.hec.usace.army.mil/confluence/rasdocs/r2dum/latest/>. Accessed January 2023.

Williams, Philip B., Michelle K. Orr, Nicholas J. Garrity. 2002. Hydraulic Geometry: A Geomorphic Design Tool for Tidal Marsh Channel Evolution in Wetland Restoration Projects. *Restoration Ecology*. Volume 10, Issue 3. September. <https://doi.org/10.1046/j.1526-100X.2002.t01-1-02035.x>

Appendix C  
**Corporation Yard Feasibility  
Study**





# AMERICAN CANYON WETLANDS RESTORATION

## Corporation Yard Feasibility Study

Prepared for  
City of American Canyon

August 2023



# AMERICAN CANYON WETLANDS RESTORATION

## Corporation Yard Feasibility Study

Prepared for  
City of American Canyon

August 2023

Prepared by  
Environmental Science Associates

Bend	Orlando	San Jose
Camarillo	Pasadena	Santa Monica
Delray Beach	Petaluma	Sarasota
Destin	Portland	Seattle
Irvine	Sacramento	Tampa
Los Angeles	San Diego	
Oakland	San Francisco	

2021001045.00



# TABLE OF CONTENTS

## Corporation Yard Feasibility Study

	<u>Page</u>
<b>1. Introduction</b> .....	<b>1</b>
1.1 Goals and Objectives.....	1
1.2 Planning Process.....	2
<b>2. Site Conditions</b> .....	<b>3</b>
2.1 Site History .....	6
2.2 Land Use .....	6
2.3 Public Access and Recreation .....	11
2.4 Climate .....	13
2.5 Topography .....	13
2.6 Tides and Hydrology.....	16
2.7 Sea-Level Rise .....	16
2.8 Biology.....	21
2.9 Cultural Resources .....	23
2.10 Hazardous Materials.....	24
<b>3. Eco Center and Overflow Pond Considerations</b> .....	<b>25</b>
3.1 Eco Center.....	25
3.2 Overflow Pond .....	26
<b>4. Corporation Yard Study Area Alternatives</b> .....	<b>31</b>
4.1 Alternatives Considerations .....	31
4.2 No Project Alternative .....	32
4.3 Alternative 1: Levee Loop Trail, Spur Trail, and Habitat Enhancement .....	34
4.4 Alternative 2: Habitat Restoration and Future Boardwalk .....	38
<b>5. Alternatives Evaluation and Selection of Recommended Project Alternative</b> .....	<b>41</b>
5.1 Evaluation Criteria .....	41
5.2 Alternatives Evaluation .....	41
<b>6. Next Steps</b> .....	<b>43</b>
<b>7. References</b> .....	<b>43</b>

Page**List of Figures**

Figure 1. Project Location .....	4
Figure 2. Land Ownership in the Project Area .....	5
Figure 3. Historical Topographical Map, 1902 (Envirosite 2022).....	8
Figure 4. Historical Topographic Map, 1949 (Envirosite 2022) .....	9
Figure 5. Corporation Yard Study Area .....	10
Figure 6. Eco Center Illustrative Site Plan .....	12
Figure 7. Artist's Rendering of the Eco Center .....	12
Figure 8. Project Site Topography .....	14
Figure 9. Corporation Yard Study Area Site Topography .....	15
Figure 10a. Existing Flood Conditions.....	18
Figure 10b. 2080 Low Risk Aversion SLR Flooding Conditions .....	19
Figure 10c. 2080 Moderate-High Risk Aversion SLR Flooding Conditions .....	20
Figure 11. Corporation Yard Study Area Habitats .....	22
Figure 12. Storage volume curve for the Overflow Pond.....	28
Figure 13. Phase 1 No Project Alternative .....	33
Figure 14. Alternative 1, Phase 1 .....	36
Figure 15. Alternative 1, Phase 2 .....	37
Figure 16. Alternative 2, Phase 1 .....	39
Figure 17. Alternative 2, Phase 2 .....	40

**List of Tables**

Table 1. Flood Levels and Tidal Datums for the Project Area at the Napa River .....	16
Table 2. Probabilistic Projections (in feet) for Sea Level Rise, San Francisco .....	17
Table 3. Dimensions of Potential Alternative Storage Options for the Overflow Pond, 2.28 Million Gallon Capacity .....	29
Table 4. Estimated Dimensions of Example Underground CSO Tanks .....	29
Table 5. Alternatives Considered .....	31
Table 6. Summary Evaluation of Corporation Yard Restoration Alternatives .....	42

**Appendices**

A. Biological Resources Memo .....	A-1
B. Phase I Environmental Site Assessment .....	B-1



# AMERICAN CANYON WETLAND RESTORATION

---

## Corporation Yard Feasibility Study

### 1. Introduction

The Corporation Yard Feasibility Study (Corporation Yard Study) identifies habitat restoration and public access enhancements at the City of American Canyon's Corporation Yard in support of the American Canyon Wetlands Restoration Plan Project (Project). The Corporation Yard contains City buildings and select wastewater treatment intake infrastructure, including an emergency Overflow Pond (Overflow Pond). Plans are in progress to move the City's Corporation Yard to another location and lease the existing corporation yard buildings for use as an environmental education center.

The Project, led by the City of American Canyon (City), proposes nature-oriented public access, recreation, and educational opportunities along North Slough and the lower Napa River at the City of American Canyon (**Figure 1**). This study evaluates public recreation improvements, habitat enhancement, and wastewater Overflow Pond storage alternatives to provide education opportunities, improve sea level rise resilience, protect public health, and improve habitat conditions at the site.

This report is one of three feasibility studies conducted by Environmental Science Associates (ESA) in support of the Project. Two other studies have been completed to assess opportunities for a kayak launch and restoration and recreational opportunities near North Slough Pond. All three studies will inform the American Canyon Wetlands Restoration Plan, which will provide additional background on existing conditions and opportunities beyond those presented in this report.

#### 1.1 Goals and Objectives

The Project goal is to restore and enhance a mix of wetland habitats and to provide nature-oriented public access, recreation, and educational opportunities along North Slough and the lower Napa River at the City of American Canyon. The Project objectives are to:

- Restore or enhance wetland and associated upland habitats to:
  - Support increased abundance and diversity of native species in various Napa River wetlands, aquatic, and terrestrial ecosystems.
  - Benefit special status species that rely on the Napa River wetlands.

- Maintain or increase habitat connectivity within wetlands and between wetlands and uplands to support species migration, refugia, and climate resilience.
- Increase public access and recreational opportunities compatible with wildlife and habitat goals.
- Support the development of an educational facility that serves the community and fosters environmental stewardship.
- Increase the resilience of public access to sea level rise and flooding.
- Reduce long-term maintenance obligations.

This Corporation Yard Study additionally aims to:

- Assess any site constraints, such as legacy contamination issues or sensitive cultural or biological issues, that would preclude use of the Corporation Yard for public access, restoration, or education purposes.
- Evaluate the existing Overflow Pond capacity and identify opportunities to allow safe public access while maintaining the existing Overflow Pond or relocate the overflow storage and restore wetland area.
- Coordinate with the American Canyon Community and Parks Foundation to confirm that any proposed public access or restoration enhancements are consistent with and complementary to the proposed Napa River Ecology Center (Eco Center).

The projects must also be feasible to fund, permit, and construct. Implementation and long-term maintenance costs are also a consideration.

## 1.2 Planning Process

The City of American Canyon retained ESA to complete the restoration plan for the Project. The City and ESA together form the Project planning team. A Technical Advisory Committee consisting of scientists and stakeholders familiar with the Project site is providing technical input during Project planning. The City is engaging the public through public meetings and an online survey. To date, one public meeting has been held and an online survey has been conducted.

Separately, the City and the American Canyon Community and Parks Foundation have been advancing planning and design for the Eco Center, a regional environmental education hub and community center, proposed for construction at the Corporation Yard in the mid-2020s. A representative of the Parks Foundation serves on the Technical Advisory Committee.

## 2. Site Conditions

The Project area is located about 35 miles northeast of San Francisco at the southern end of Napa County (**Figure 1**). The area is bordered by the Napa River to the west and the city of American Canyon to the north, east, and south. Most of the Project area consists of mudflat and tidal marsh habitat with a shallow channel (North Slough) running through the wetlands. The Corporation Yard Study Area is an approximately 10-acre developed site located at the southeastern end of the Project area at 205 Wetlands Edge Road, the western terminus of West American Canyon Road. The Corporation Study Area includes the Corporation Yard and its buildings, the Overflow Pond, and associated levees and areas of bay fill.

The Corporation Yard Study Area is owned by the City (**Figure 2**). Farther north, south, and west are tidal marshes owned by the California Department of Fish and Wildlife as part of the Sonoma Marshes Wildlife Area. Currently, this site has no public access. However, with the development of an Eco Center at the Corporation Yard location, there is opportunity to further connect the public to the wetlands through recreational amenities and educational programming. If public access is granted to the Corporation Yard with the development of the Eco Center, precautions will need to be provided to protect the public health should the Overflow Pond need to be used. With rising sea levels, the Overflow Pond, the Eco Center facilities, and any additional recreational trails that are constructed, will need to be resilient to higher water levels and storm events.



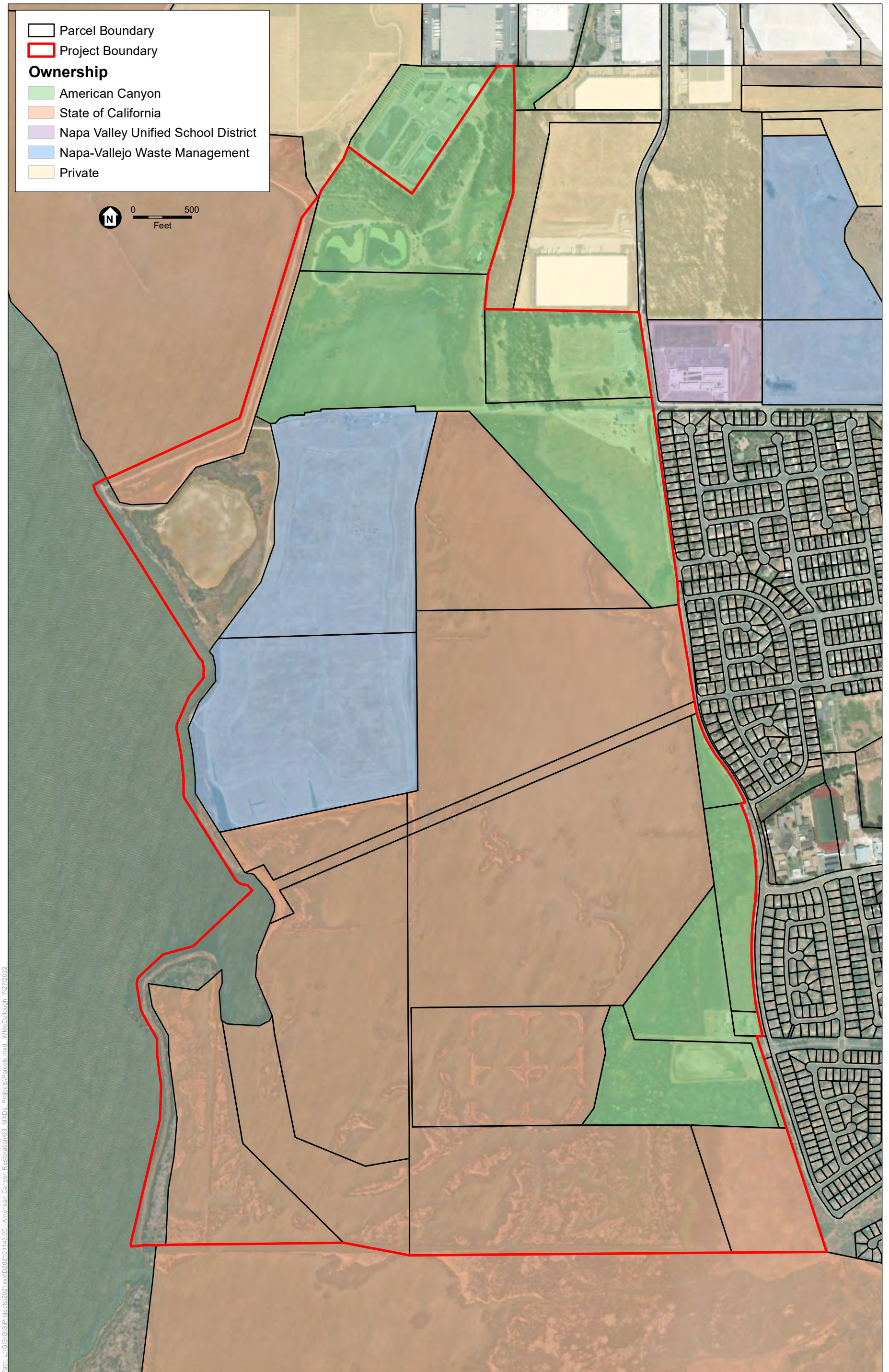


Path: U:\GIS\GIS\Projects\2021\1145\_00\_American\_Canyon\_Restoration\03\_Maps\Projects\Bay\_Trail.mxd - W:\McCloughlin - 6/9/2023

American Canyon Wetlands Restoration Project

**Figure 1**  
Project Location





American Canyon Wetlands Restoration Project

**Figure 2**  
Land Ownership in the Project Area



## 2.1 Site History

Historically, the Project Area consisted of natural tidal wetlands along the margins of the Napa River and its sloughs. The Patwin, Coast Miwok, and Wappo tribes lived in the Napa Valley and along the lower Napa River for thousands of years. They used the abundant natural resources of the area, including the fish, wildlife, and plants of historic wetlands that are now part of the American Canyon Wetlands. Spanish and Mexican settlers colonized the area from the 1700s to 1800s. In the mid to late 1800s, what is now the City of American Canyon began to develop as a farming community (American Canyon 2023).

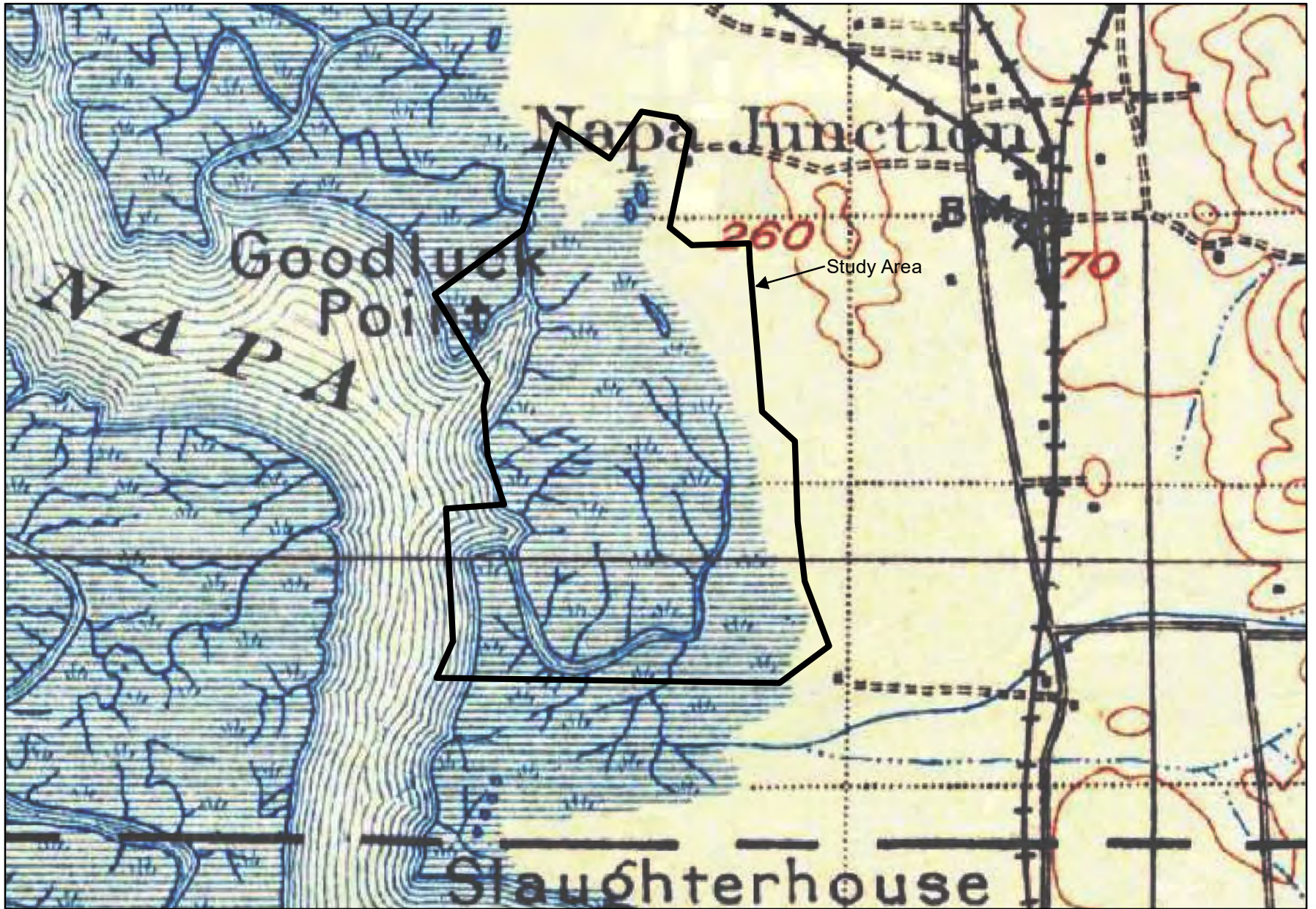
In the early 1900s, the natural wetlands were diked and used for agriculture (**Figure 3** and **Figure 4**). Residential development to the east increased through the 1940s to 2000s. By 1965, a wastewater treatment plant (WWTP), including the Corporation Yard and land across North Slough from the Corporation Yard Study Area, was in operation. In 1999, the City acquired a large parcel in the wetlands from the Port of Oakland for open space (Cooper 2023). In 2002, the WWTP was moved to the north, just outside the Project area, and the City began using the Corporation Yard as a storage, maintenance, and landscaping facility. In 2006, the Project area was reopened to tidal inundation with the breaching of North Slough where it connects to the Napa River, and the former treatment ponds became aquatic habitat. Today, the wetlands are used by a diversity of species and enjoyed by the local community for nature-based recreation.

## 2.2 Land Use

The Corporation Yard is an approximately 2-acre developed site with a sliding access gate that restricts entrance to the yard (**Figure 5**). Facilities include a vehicular maintenance building, two underground diesel tanks, an active pump station building with a basement and generator, small accessory utility structures, and a parking lot (RIM et al. 2022; Atkinson, pers. comm., 2023). The Corporation Yard is largely unvegetated with some ruderal, non-native vegetation around the margins.

The Overflow Pond, located southwest of the Corporation Yard facilities, is an approximately 4-acre basin surrounded by a perimeter levee with an asphalt maintenance lane at its crest. The Overflow Pond is used as a containment area for emergency wastewater overflow from the City's sanitary sewer system during very large storm events. Wastewater from the community is carried in underground sewer lines to the Corporation Yard, where it is then pumped via an onsite pump to the sewage treatment plant to the north (**Figure 1**). During large precipitation events, rainwater infiltrates into the sewer lines, increasing the volume of flow to the pump. When inflow rates exceed pumping rates, water is routed to the Overflow Pond for temporary storage. Once inflow rates reduce sufficiently, the pump gradually drains the Overflow Pond. The City is implementing measures to reduce rainwater infiltration into the collection system and is exploring options for moving the overflow capacity to an underground storage area. The Overflow Pond was most recently used in October 2022 then again during record-breaking rainfall in January 2023 (Atkinson pers. comm. 2023). Prior to these events, the pond had not been activated since 2008. It follows that the release of wastewater into the Overflow Pond typically happens once or twice per decade during exceptionally large stormwater events. Prior to the October 2022 overflow event,

the site was observed to have a thin film of dried sewage sludge (not considered a hazardous material) on its surface but no spills, stained soil, stressed vegetation, unusual odors, or chemical containers (ESA 2022). The bottom of the Overflow Pond is a mosaic of bare ground, salt grass (*Distichlis spicata*), and non-native annual grasses. The levee margins consist primarily of non-native ruderal species such as fennel (*Foeniculum vulgare*) and black mustard (*Brassica nigra*).



SOURCE: ESRI (background imagery)

American Canyon Wetlands Restoration Project

0 0.15 0.3 0.6 0.9 1.2  
Miles



**Figure 3**  
Historical Topographic Map, 1902



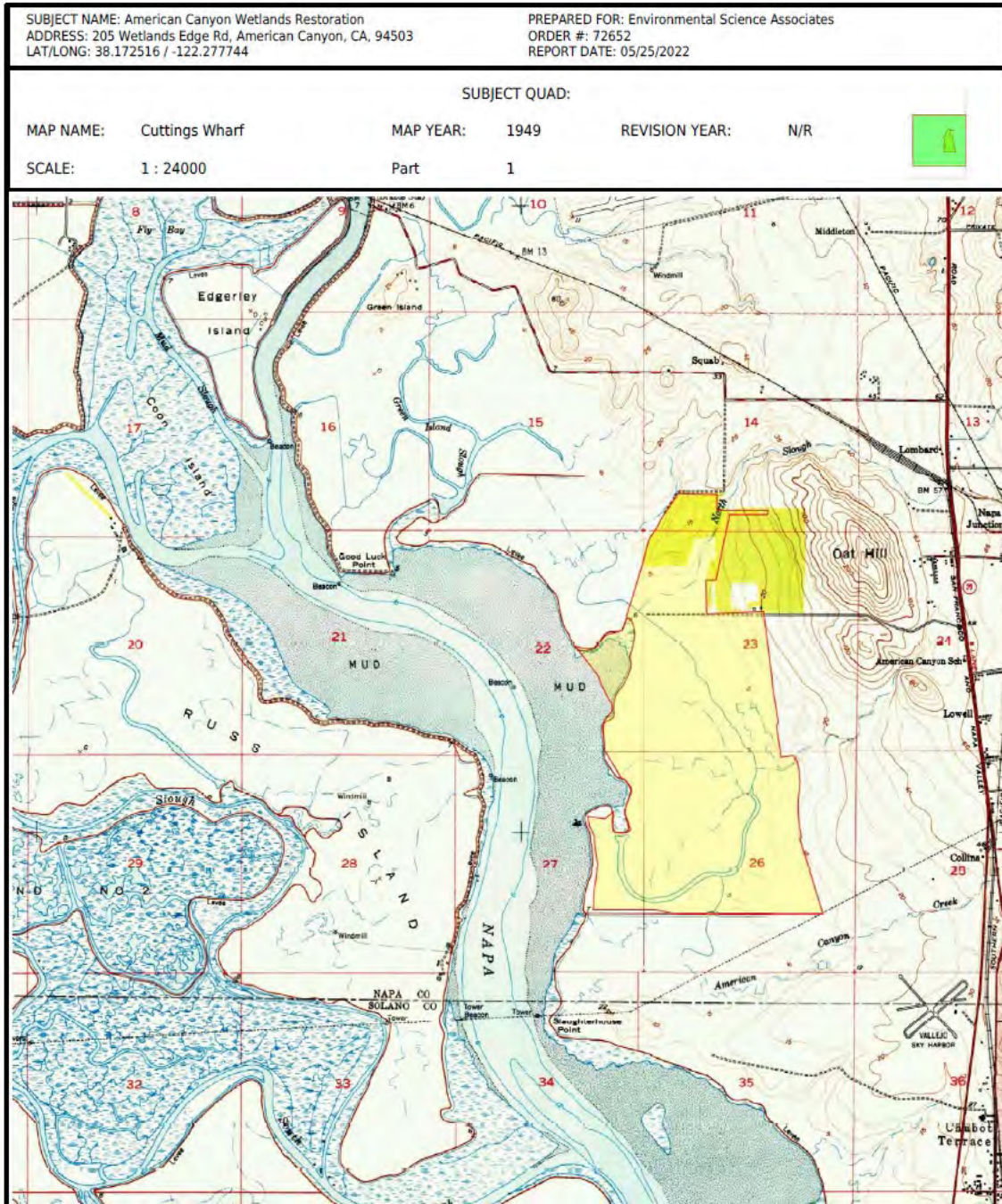
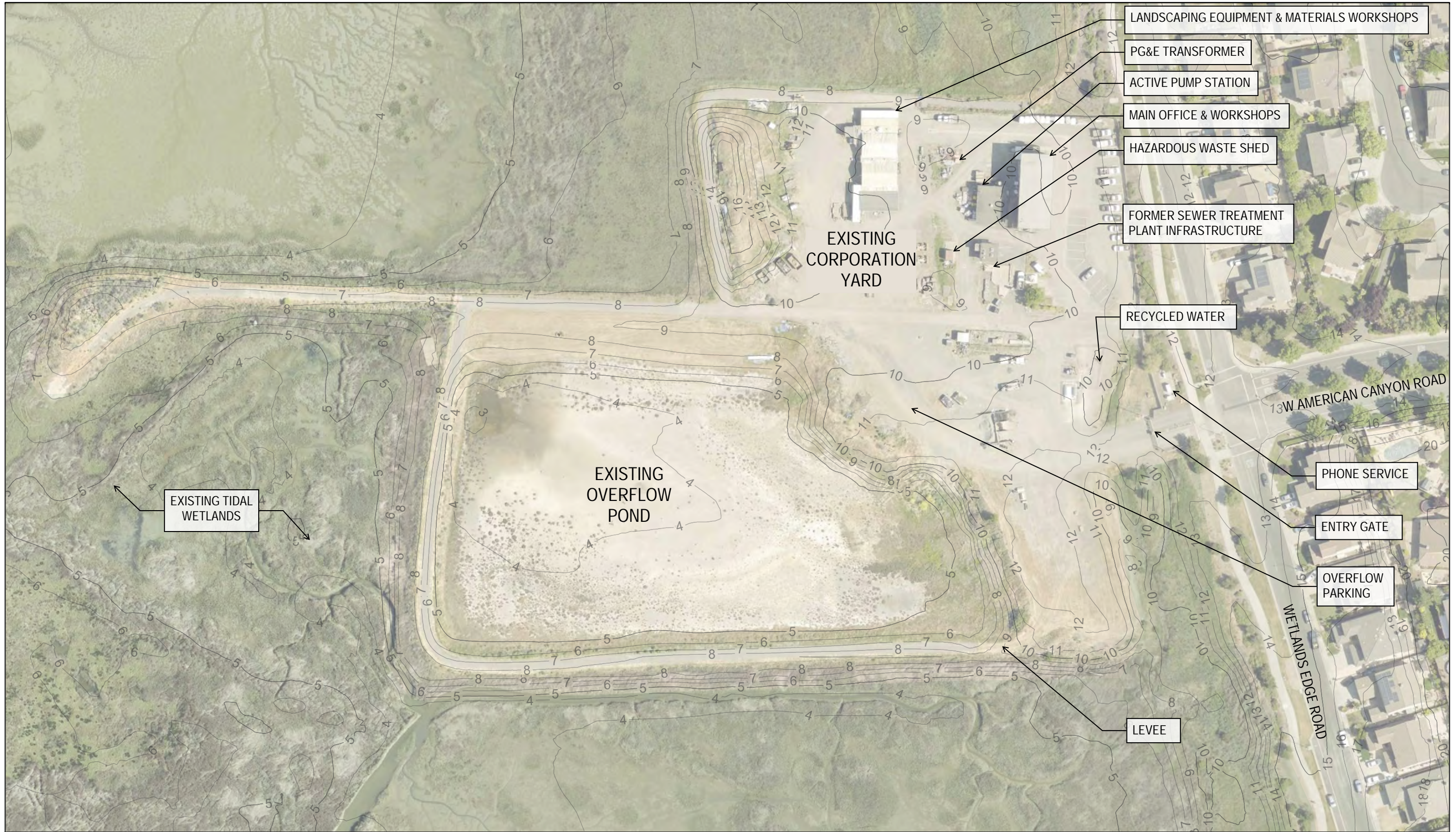


Figure 4. Historical Topographic Map, 1949 (Envirosite 2022)





American Canyon Restoration Project

**Figure 5: Corporation Yard Study Area  
Existing Conditions**



## 2.3 Public Access and Recreation

Currently, public access near the Corporation Yard Study Area is limited to the San Francisco Bay Trail, which parallels Wetlands Edge Road outside of the Corporation Yard (**Figure 1**). The trail provides the public with recreational opportunities as well as opportunities for environmental education programming, enjoying nature, and birding.

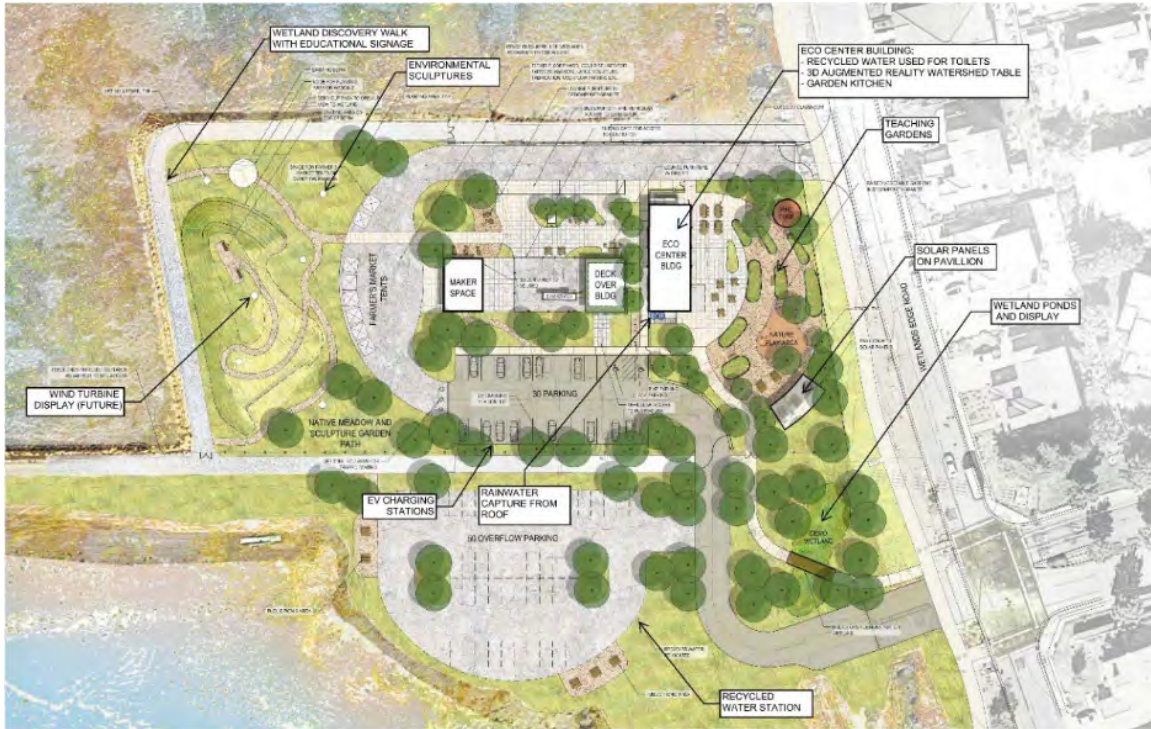
The Corporation Yard is gated and closed to the public. Surrounding the Corporation Yard and the Overflow Pond are levees with paved maintenance lanes that could serve as a future loop hiking/biking trail if renovated for public use. There is also a spur trail from the Overflow Pond that extends approximately 500 feet into the wetlands area, terminating near the preferred alternative for the American Canyon kayak launch at North Slough<sup>1</sup>.

### Eco Center

The American Canyon Community Parks Foundation is leading an effort to renovate the Corporation Yard into a regional environmental education and community center as part of a separate project (**Figure 6**). The existing Main Office & Workshops building will be renovated into the primary visitor-facing Eco Center facility (**Figure 7**). The Foundation anticipates that the Eco Center will be built and open to the public by 2025. The Eco Center is expected to be a major destination in the region with over 12,000 visitors annually, not including kayak launch visitors (Sellick pers. comm. 2022). Proposed Eco Center amenities include renovated existing structures, teaching gardens, wetland exhibits, environmental sculptures, informational signage, a wetland discovery trail, public parking, bicycle racks, and outdoor gathering areas adjacent to the Bay Trail. Public parking will make the Eco Center a primary access point for the Bay Trail within the City (RIM et al. 2022). Native plantings, gardens, and a demonstration wetland will contribute to improved habitat for migratory birds and pollinators.

---

<sup>1</sup> A kayak launch feasibility study was conducted to evaluate three potential kayak launch locations. The Corporation Yard location was identified as the preferred alternative due to its ability to best meet Project goals.



SOURCE: American Canyon Community & Parks Foundation Facility Assessment Report and Basis of Design 2022

American Canyon Kayak Launch Recreational Feasibility Study

**Figure 6.**  
Eco Center Illustrative Site Plan



SOURCE: American Canyon Community & Parks Foundation Facility Assessment Report and Basis of Design 2022

Corporation Yard: Wastewater Overflow Pond & Environmental Education Facilities Opportunity Study

**Figure 7.**  
Artist's Rendering of the Eco Center



## 2.4 Climate

The Project area is characterized by hot, dry summers and wet, mild winters, with the majority of precipitation occurring as rainfall in the winter months. The site experiences relatively moderate year-round temperatures; the maximum average temperature reported was 80.5 degrees Fahrenheit in September and the lowest average temperature is 57.3 degrees Fahrenheit in December. The prevailing wind direction is westerly from mid-February to mid-November and northerly from mid-November to mid-February. The windiest month in American Canyon is June, with an average hourly wind speed of 8.4 miles per hour.

## 2.5 Topography

The Corporation Yard is located on upland fill between elevations 9 and 16.7 feet NAVD88 (**Figure 8** and **Figure 9**).<sup>2</sup> The proposed Eco Center main visitor facility (Main Office and Workshops) is located at 10.0 feet NAVD88.

The tidal wetlands to the west of the Corporation Yard generally range in elevation from about 0 to 8 feet, with higher areas (4.5 to 8 feet) supporting tidal emergent vegetation and lower areas (0 to 4.5 feet) with intertidal mudflat. The bottom elevation of the Overflow Pond matches that of the surrounding wetlands, generally about 3 to 6 feet. The Overflow Pond is separated from the wetlands by a levee with a low point of approximately 8.4 feet. This is below 10-year storm event water levels (of 8.7 feet) at current sea level (**Table 1**).

---

<sup>2</sup> NAVD88 is the North American Vertical Datum of 1988 and is the vertical datum used in this feasibility study unless otherwise noted.

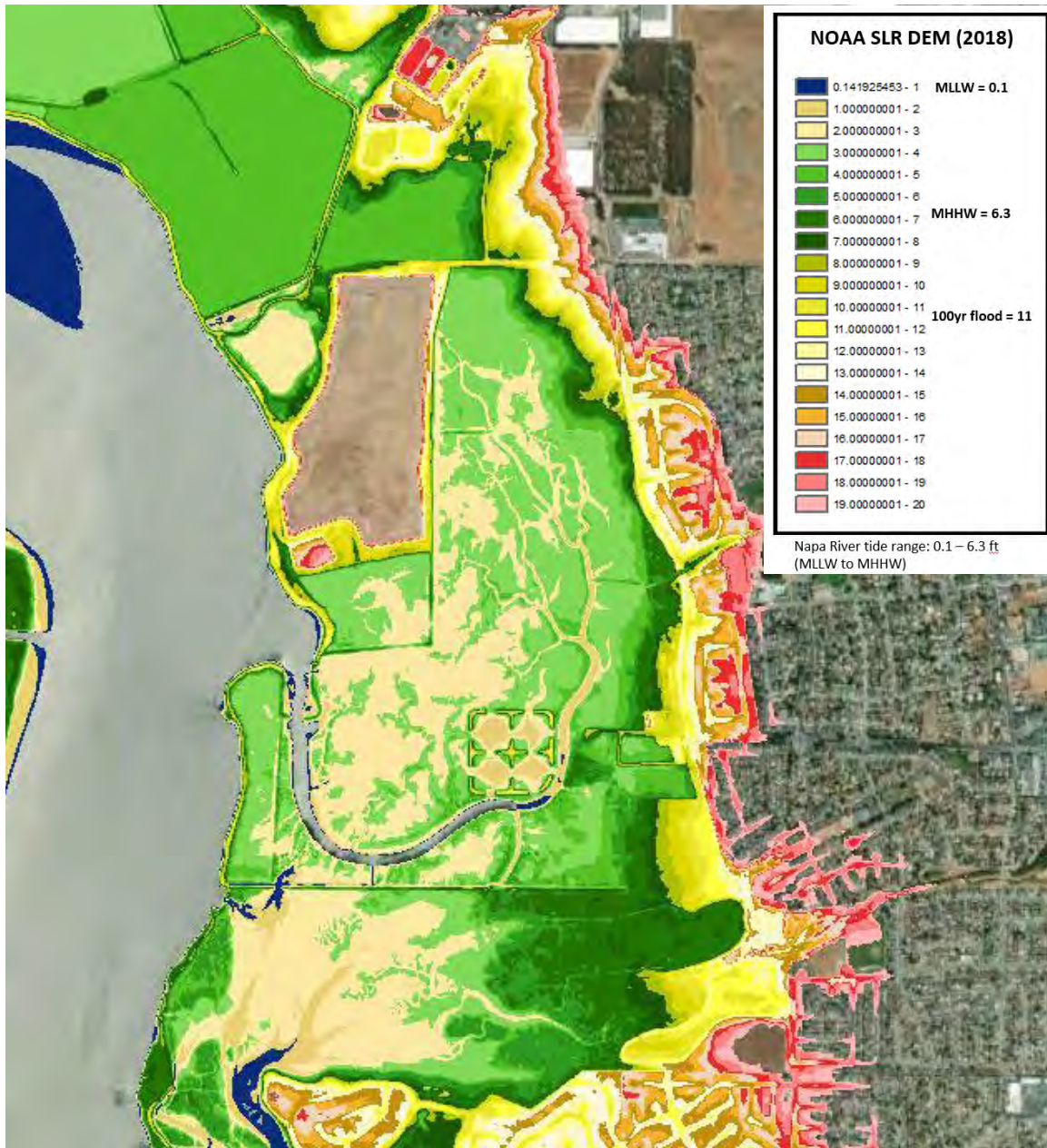
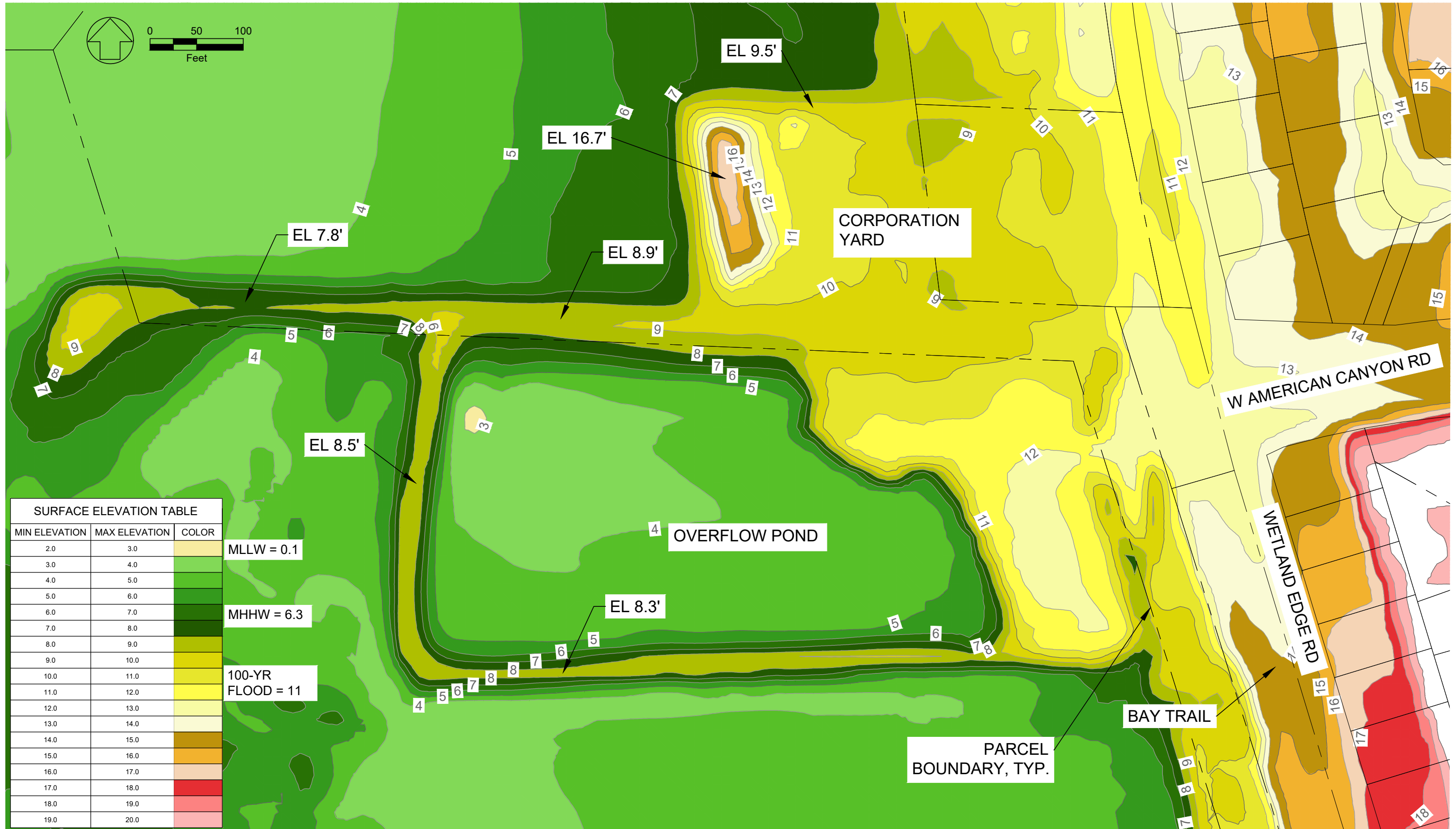


Figure 8. Project Site Topography



**Figure 9**  
Corporation Yard Study Area  
Site Topography

## 2.6 Tides and Hydrology

The Project area is located along the east shore of the Napa River, a tidally influenced channel that flows into San Pablo Bay. ESA installed a set of temporary water level gauges at several locations within the Project area in May and June of 2022 to measure local tide elevations. ESA calculated tidal datums for the Napa River near Glass Beach based on the measured water levels, with adjustments to account for the limited two-month duration of measurements, using the National Oceanic and Atmospheric Administration (NOAA) CO-OPS Tidal Analysis Datum Calculator (NOAA 2022). The NOAA Richmond Tide Gauge was used as the long-term reference station. **Table 1** lists the published flood levels and calculated tidal datums. Flood levels listed are for 100-year and 10-year storm events. Measured water levels showed almost no difference between the Napa River, North Slough west of the Corporation Yard, and North Slough south of the Bay Trail culverts.

**TABLE 1.**  
**FLOOD LEVELS AND TIDAL DATUMS FOR THE PROJECT AREA AT THE NAPA RIVER**

Datum	Napa River Water Levels (ft NAVD88)	Description
100-year water level	11.0	100-year Design Storm (FEMA 2016)
10-year water level	8.7	10-year Design Storm (FEMA 2016)
HOWL	7.22	Highest Observed Water Level from May–June 2022 (King Tide)
MHHW	6.31	Mean Higher-High Water
MHW	5.78	Mean High Water
MSL	3.43	Mean Sea Level
MLW	1.04	Mean Low Water
MLLW	0.05	Mean Lower-Low Water
LOWL	-1.38	Lowest Observed Water Level (May–June 2022)

NOTES: ft = feet; NAVD88 = North American Vertical Datum of 1988. FEMA flood elevations include storm surge and wave runup. SOURCES: FEMA 2016; water level observations and datum analysis conducted by Environmental Science Associates in 2022.

## 2.7 Sea-Level Rise

Planning for the Corporation Yard Study accounts for anticipated future sea-level rise based on the *State of California Sea-Level Rise Guidance, 2018 Update* (CNRA and OPC 2018). The State Guidance recommends that projects apply a risk-based approach for planning and design for projected future sea-level rise. Under this risk-based approach, projects should be designed to accommodate future sea-level rise based on the project’s planned design life span and its level of “risk aversion” (**Table 2**). For planning purposes, ESA assumes that any Phase I Project improvements will be constructed by 2030 or earlier and would have a minimum design life of 50 years, to the year 2080. The categories of risk aversion relevant to the Project are Low Risk Aversion and Medium-High Risk Aversion. The study assumes high emissions scenarios for probable sea level rise.



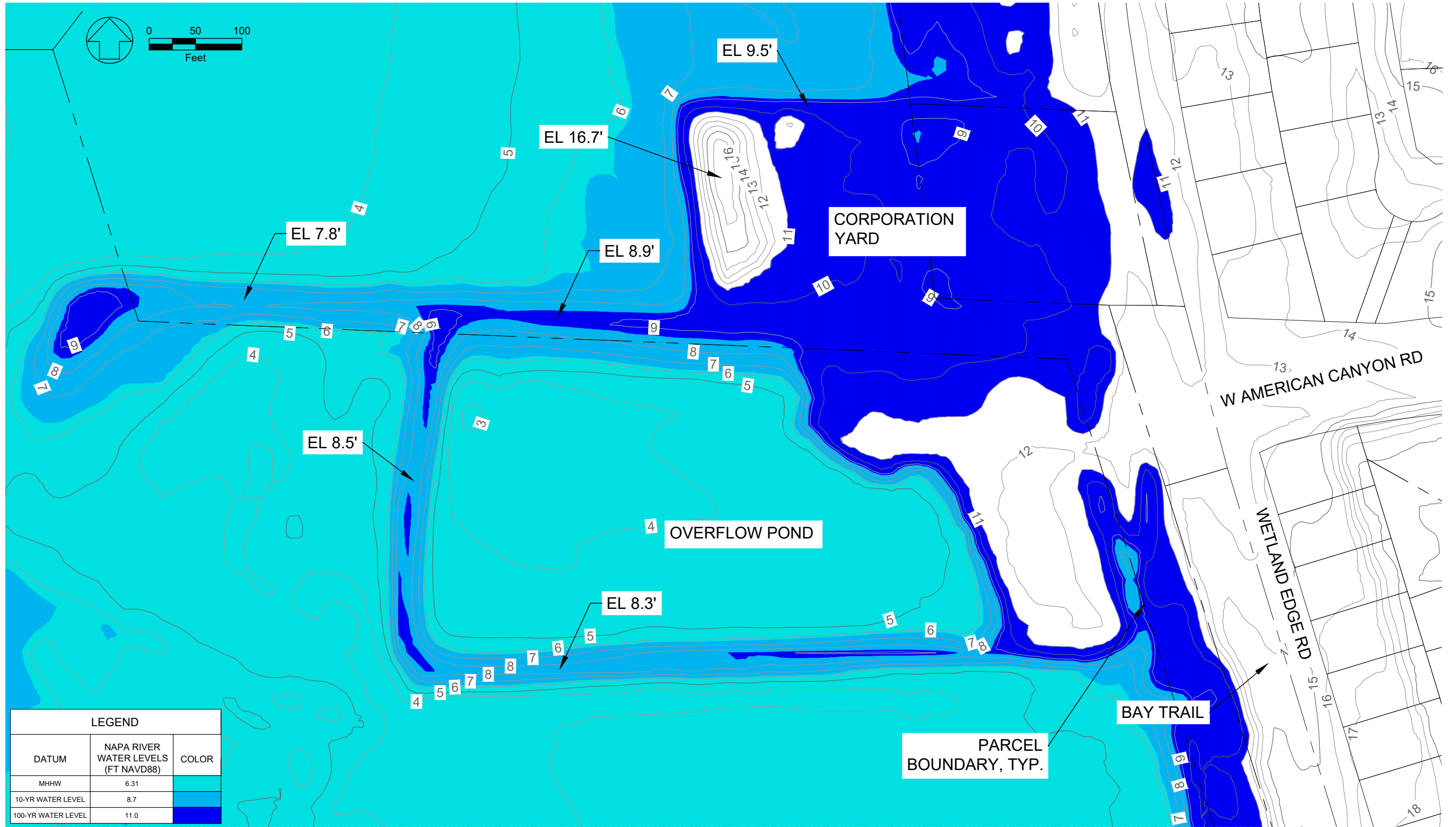
**TABLE 2.**  
**PROBABILISTIC PROJECTIONS (IN FEET) FOR SEA LEVEL RISE, SAN FRANCISCO**

Year	Upper limit of “likely range” (~17% probability SLR exceeds)	1-in-200 changes (0.5% probability SLR exceeds)
2030	0.5	0.8
2040	0.8	1.3
2050	1.1	1.9
2060	1.5	2.6
2070	1.9	3.5
2080	2.4	4.5
2090	2.9	5.6
2100	3.4	6.9
2110	3.5	7.3
2120	4.1	8.6
2130	4.6	10.0
2140	5.2	11.4
2150	5.8	13.0

NOTES: High emissions scenario. Ft = feet; NAVD88 = North American Vertical Datum of 1988  
 SOURCES: CNRA and OPC (2018), Table G-5.

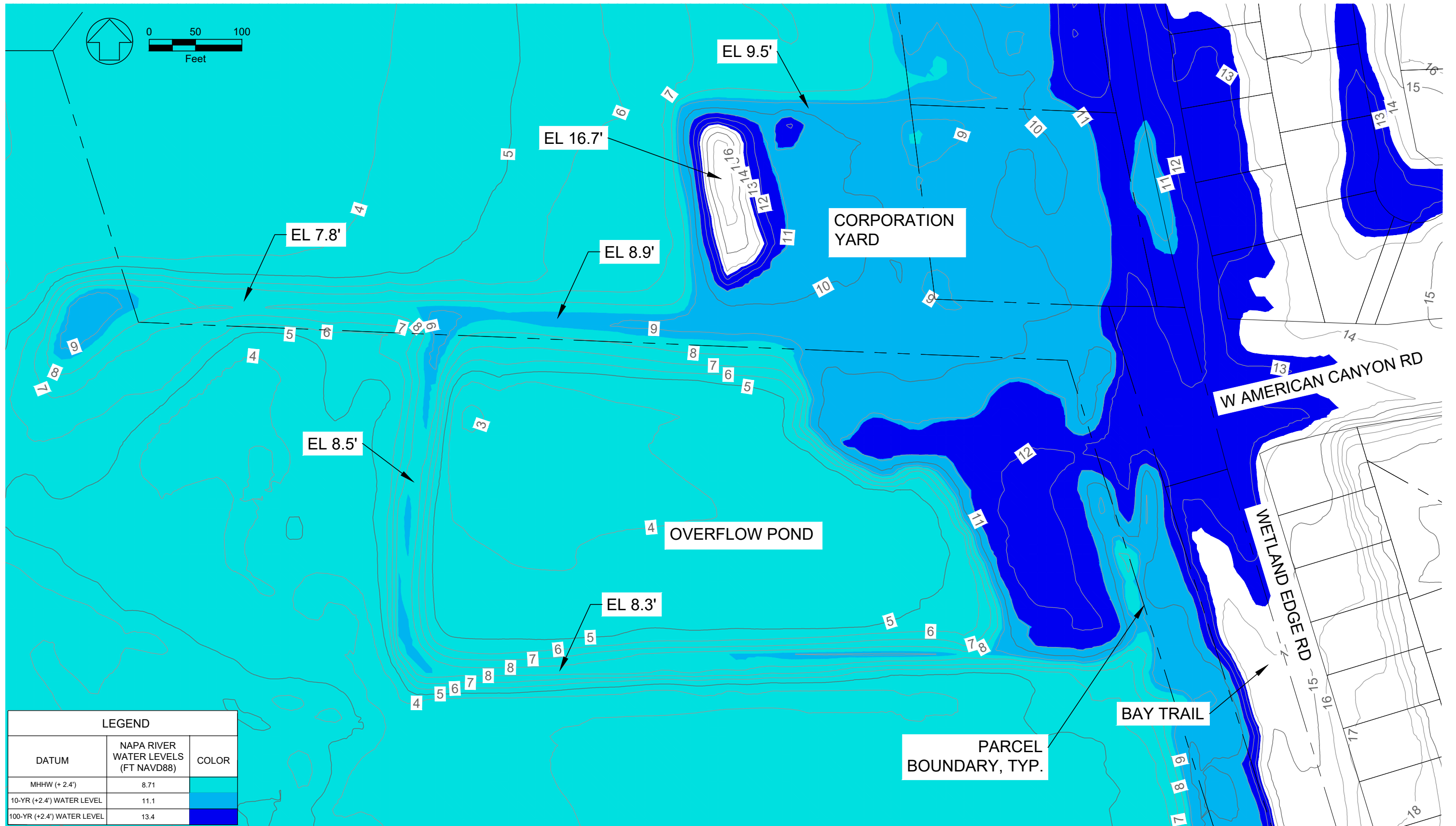
The level of sea level rise risk aversion is based on an assessment of the consequences of flooding/inundation affecting the Project, and the level of adaptive capacity. Use of the low-risk aversion sea level rise amounts are considered appropriate for the trail and habitat elements considered for this Project. Based on a Project design life through the year 2080 and low risk aversion, the sea-level rise amount for planning purposes would be 2.4 ft. For the same design life and higher risk aversion, such as for buildings, the corresponding sea level rise amount would be 4.5 feet (**Table 2**, Year 2080). Project elements should be adaptable to high rates of sea level rise through the year 2100. The 2100 sea level rise values are 3.4 ft and 6.9 ft for the low risk aversion and medium-high risk aversion scenarios, respectively.

The Corporation Yard buildings are currently within the 1% annual chance flood zone. The low point of the Overflow Pond’s levees is approximately 8.4 feet high, below the 10-year storm event at current sea level of 8.7 feet. The buildings and the Overflow Pond will become increasingly at risk for overtopping as sea levels rise (**Figure 10**).



American Canyon Restoration Project

**Figure 10a**  
Corporation Yard Study Area  
Existing Flood Conditions

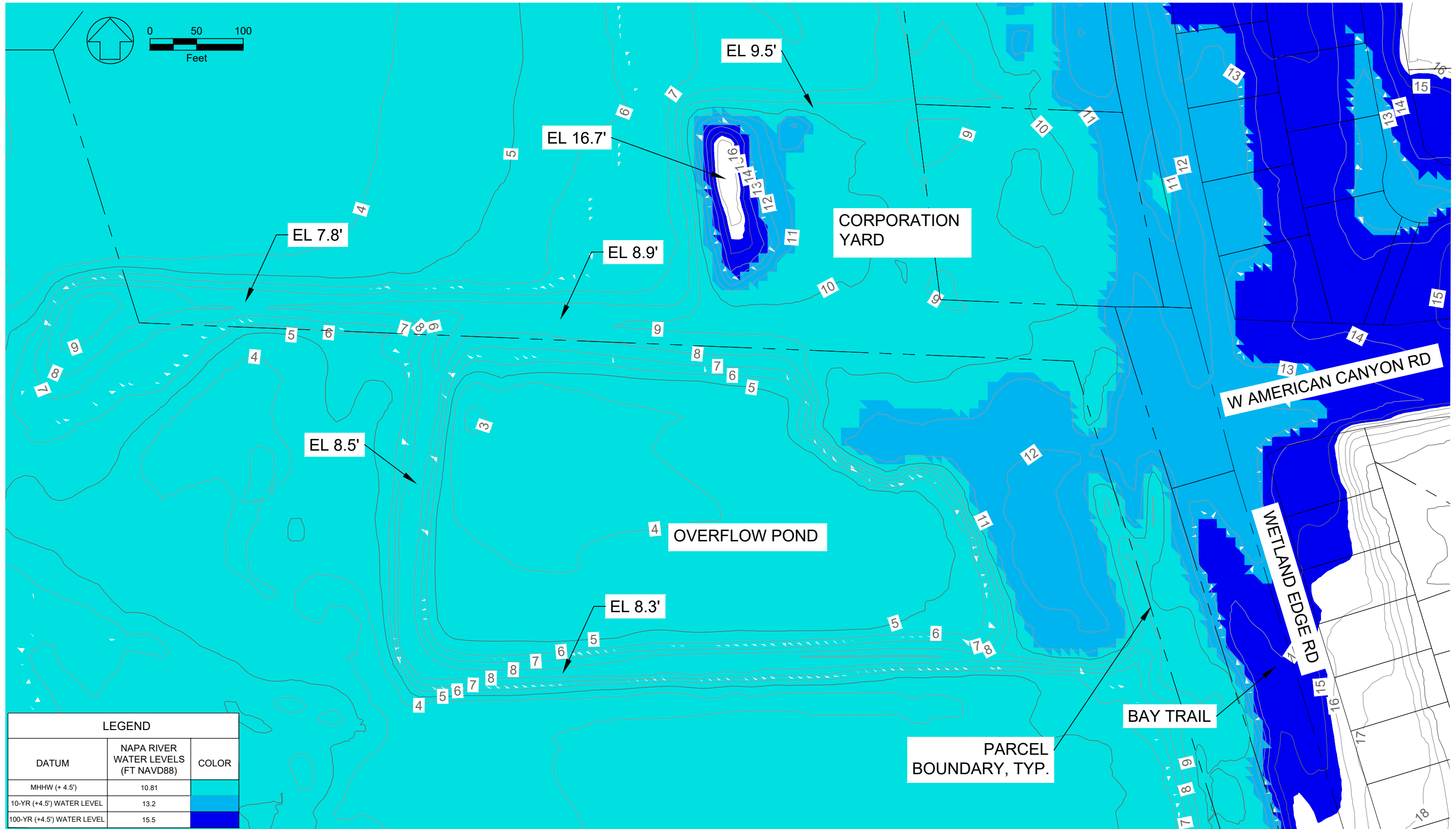


American Canyon Restoration Project

**Figure 10b**

Corporation Yard Study Area  
2080 Low Risk Aversion SLR Flood Conditions





American Canyon Restoration Project

**Figure 10c**

Corporation Yard Study Area

2080 Moderate-High Risk Aversion SLR Flood Conditions

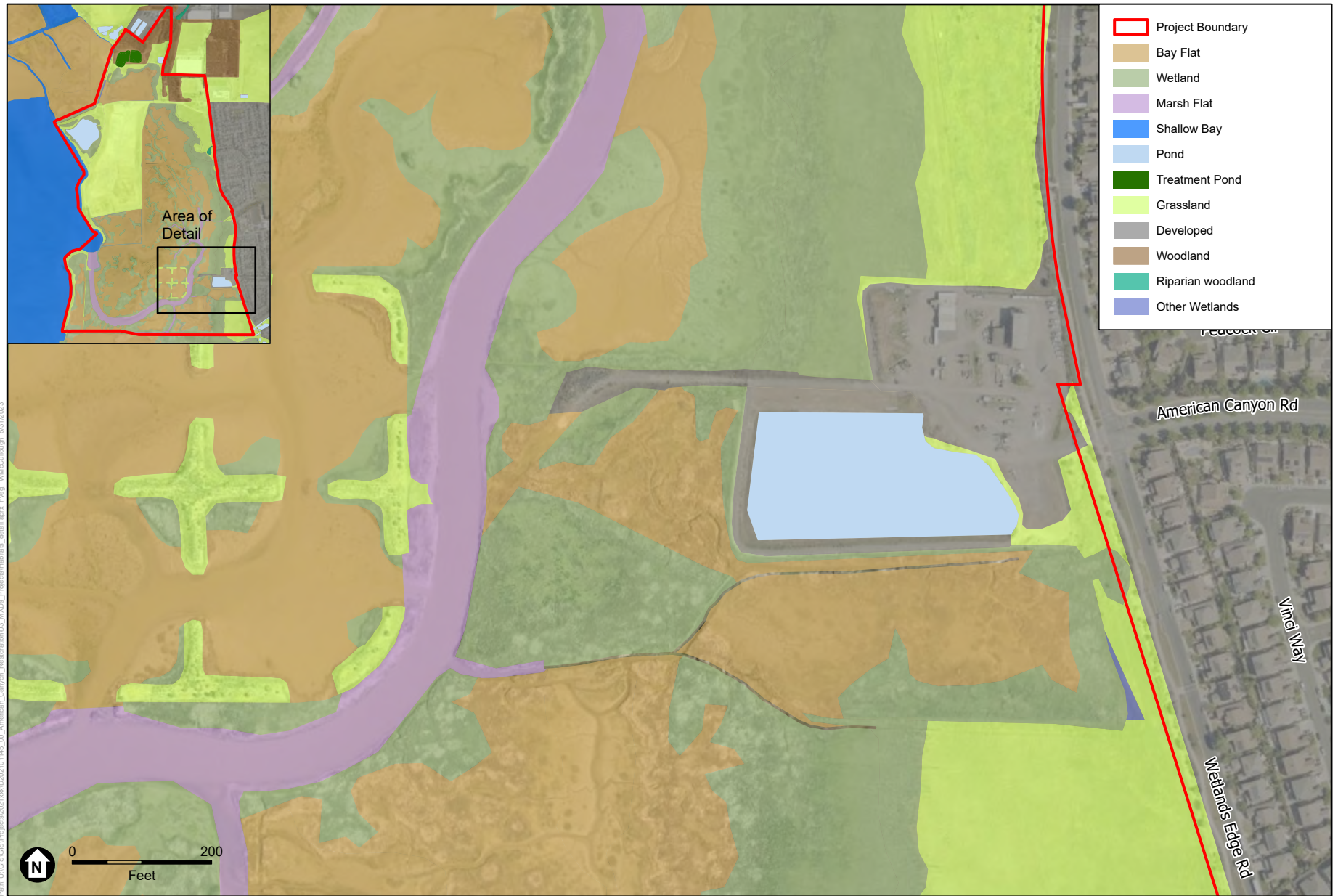


## 2.8 Biology

The American Canyon wetlands have a diverse assemblage of native tidal marsh species with some sloped transition zones that connect wetlands with neighboring upland habitat. The Corporation Yard is developed and largely devoid of vegetation and habitat. The Overflow Pond, which fills seasonally with rainfall and is occasionally used as a stormwater discharge location, is largely barren in its interior. The Overflow Pond is fringed with a narrow band of wetlands that transition to uplands dominated by non-native grasses and herbs (**Figure 11**). The pond, when dry, provides limited nesting habitat for ground-nesting birds, such as killdeer, and potentially cover for small mammals, but generally provides limited habitat value. The Corporation Yard and Overflow Pond are not expected to support populations of special-status species, however, state and federally-listed species such as the California Ridgway's rail (*Rallus obsoletus obsoletus*), salt marsh harvest mouse (*Reithrodontomys raviventris*), and California black rail (*Laterallus coturniculus jamaicensis*) have potential to occur in the American Canyon wetlands area nearby (see **Appendix A** for a list of sensitive species with potential to occur in the larger Project area). Any proposed projects would need to consider impacts to these and other potentially sensitive species in the area, such as nesting birds.

Aquatic habitats are considered sensitive resources and are regulated under several laws, such as the Clean Water Act, the Porter-Cologne Water Quality Control Act, the Rivers and Harbors Act, the National Environmental Policy Act, the California Environmental Quality Act (CEQA), and the McAteer-Petris Act. Activities within the Corporation Yard are not expected to impact sensitive aquatic resources protected by environmental regulations. However, modifications within the nearby wetlands and Overflow Pond have the potential to impact aquatic resources. If unavoidable, these impacts would require permitting by the relevant agencies with regulatory authority, including the United States Army Corps of Engineers, Regional Water Quality Control Board, and California Department of Fish and Wildlife. Activities at the Corporation Yard and Overflow Pond would also require authorization from the Bay Conservation and Development Commission (BCDC) due to their location within BCDC's 100-foot shoreline band. If the activities are determined to potentially affect species or their habitats protected under the California Fish and Game Code and the federal and California endangered species acts, impacts may additionally require permits from the California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, and National Marine Fisheries Service.

The evaluation of habitat enhancements at the Corporation Yard must weigh and balance the potential short-term impacts from construction with the longer-term benefit of the enhancement. Design alternatives should consider, avoid, and minimize potential impacts on sensitive aquatic resources and potential suitable habitat for special-status species. Limiting impacts would facilitate Project permitting and reduce the need for compensatory mitigation that may be required to offset impacts of the Project.



SOURCE: ESA, 2023; ESRI 2023; SFEI ASC 2017; Thorne et al. 2019

American Canyon Wetlands Restoration Project

**Figure 11**  
Corporation Yard Study Area Habitats



## 2.9 Cultural Resources

Background research did not identify any previously recorded cultural resources still present in the Corporation Yard Study Area. Research on historic-era maps and aerial photography identified one potential feature of historic age (50 years of age or greater) in the Corporation Yard Study Area: the Corporation Yard buildings/facilities. This should be considered a potential cultural (architectural) resource, for National Historic Preservation Act (NHPA) and CEQA purposes. Also, based on an archaeological sensitivity analysis conducted for this study, the Project area has the following archaeological sensitivity:

- Pre-contact archaeological material:
  - Buried deposits—High.
  - Surficial deposits—Low
- Historic-era archaeological material:
  - Buried deposits—Low.
  - Surficial deposits—Low.

Based on background research, this study identified one potential cultural resource (Corporation Yard buildings/facilities) in the Corporation Yard Study Area. The likelihood of the resource qualifying as a significant resource (i.e., eligible for the National Register of Historic Places [National Register] or California Register of Historical Resources [California Register]) for NHPA or CEQA purposes is low. However, as part of NHPA and CEQA compliance, the resource would need to be formally documented and evaluated for National Register- and California Register-eligibility.

Also, to support NHPA and CEQA compliance, a qualified cultural resources consultant would need to conduct a cultural resources pedestrian survey of the Corporation Yard Study Area, and likely also conduct an archaeological subsurface survey of portions of the Corporation Yard Study Area where ground disturbance would occur and that are considered to have a high sensitivity for buried archaeological material. This would verify the presence/absence of the one architectural resource identified in the Corporation Yard Study Area based on background research and determine whether any archaeological resources or other architectural resources are present in the Corporation Yard Study Area and may be affected by the Project.

Any additional cultural resources identified during future investigations would need to be evaluated for National Register- and California Register-eligibility, in support of NHPA and CEQA compliance. If any cultural resources identified in the Corporation Yard Study Area were determined to be National Register- and/or California Register-eligible and the Project was found to potentially have an effect/impact on them, a qualified cultural resources consultant would need to provide an assessment to determine whether such effects/impacts would constitute an adverse effect, under the NHPA, or significant impact, under CEQA. If such effects/impacts were determined to be adverse/significant, measures would need to be developed, to support Project approval under the NHPA and CEQA, to resolve the adverse effects/reduce impacts to a less-than-significant level prior to implementation of the Project.

## 2.10 Hazardous Materials

A Phase I environmental site assessment (Phase I assessment) was conducted for the Project site to identify Recognized Environmental Conditions (RECs), Historical Recognized Environmental Conditions (HRECs), or Controlled Recognized Environmental Conditions (CRECs) at the Project site (see **Appendix B**, *Phase I Environmental Site Assessment*, Section 2.1, for definitions of terms). The Project site was inspected on June 2 and July 1, 2022. The Phase I assessment provided the following observations and conclusions for the Corporation Yard Study Area:

- The Corporation Yard serves as the City’s maintenance and landscaping facility, which stores and uses fuels and motor oils, antifreeze, pesticides, and herbicides. No RECs, CRECs, or HRECs were observed relative to hazardous materials, hazardous waste, or chemical use, storage, or disposal.
- The wetland areas did not have any observed chemical containers or tanks, chemical spills, stained soil, or stressed vegetation as of summer 2022. No RECs, CRECs, or HRECs were observed relative to hazardous materials, hazardous waste, or chemical use, storage, or disposal.
- As of the summer of 2022, the Overflow Pond had not been used for raw sewage overflow since 2008 and its bottom appeared to have a thin cover of dried sewage sludge (ESA 2022). Dried sludge is mostly dried organic matter and grit and is not considered a hazardous material. No spills, stained soil, stressed vegetation, unusual odors, or chemical containers were noted. In the winter of 2023, heavy rains led to additional release of wastewater into the Overflow Pond. It follows that the release of wastewater into the Overflow Pond typically happens once or twice per decade during exceptionally large stormwater events.

Overflows at the site, when they occur, consist of raw sewage. Continued intermittent use of the Overflow Pond poses a contamination risk to adjacent wetlands, uplands, and proposed publicly accessible trails associated with the renovation of the Corporation Yard into a regional environmental education center. Untreated wastewater that enters the Overflow Pond is a public health risk, and the introduction of pathogens in untreated wastewater can transmit disease to marsh wildlife.

- Birds and small mammals that enter the Overflow Pond during overflow events could be vectors for the spread of disease to surrounding areas (USEPA 2003).
- Members of the public should not be near untreated wastewater during active overflows.
- Per- and Polyfluorinated Substances (PFAS) are a potential concern with regards to potential effects on people (CDC 2023). These water-resistant, non-biodegradable chemicals from industrial manufacturing are commonly found in people, drinking water, and soil (USEPA 2023). Their impacts on people range from harmful to unknown. PFAS are likely present in the Overflow Pond from previous wastewater overflow events.



### 3. Eco Center and Overflow Pond Considerations

The Corporation Yard Study considers alternatives that enhance habitat, expand public recreation and education opportunities, and increase the resilience of the Overflow Pond and infrastructure to future sea level rise. In addition, the Project team developed supplemental information to assist the proposed Eco Center and Overflow Pond relocation projects. These are separate, but related projects that help achieve the Project goals. Two feasibility questions asked regarding the Eco Center and Overflow Pond were:

1. Are there constraints that would prevent the existing Corporation Yard from being redeveloped into the Eco Center? (Eco Center)
2. Are there constraints that would limit development of recreational access or habitat enhancement if the Overflow Pond is retained for sewage overflow? What opportunities and constraints exist for relocating the Overflow Pond? (Overflow Pond).

This section (Section 3) discusses considerations associated with developing the Eco Center (Section 3.1) and relocating the Overflow Pond (Section 3.2). These considerations are integrated into the design alternatives for the Corporation Yard study area as a whole (Section 4). Because the timing of the Eco Center development and the Overflow Pond relocation are not known with certainty, the Corporation Yard alternatives are presented to be implemented in Phases, where Phase 1 can advance from current conditions and Phase 2 can advance from presumed future conditions. The Recommended Project alternative, which identifies the alternative that best meets Project goals in Phase 1 and Phase 2 is discussed in Section 5.

#### 3.1 Eco Center

Planning and design of the Eco Center is underway under a separate process. The Corporation Yard feasibility study relies on desktop analyses and interviews to assess the suitability of the Corporation Yard facilities for the Eco Center. Overall, no constraints were identified that would preclude the use of the Corporation Yard for redevelopment as an Eco Center as currently proposed.

**Hazardous Materials:** The Phase 1 Assessment for the Project (**Appendix B**) did not identify any hazardous materials that would preclude the use of the site for an ecology education center. The Phase I assessment did not include “non-scope issues” as specified by ASTM E2247-16, such as surveys for the presence of the following items on or in the vicinity of the subject property: asbestos-containing materials, polychlorinated biphenyls (PCBs), radon, effects on indoor air quality, lead-based paint, lead in drinking water, industrial hygiene, health and safety, regulatory compliance, and high-voltage lines. These additional studies are recommended for prior to repurposing existing buildings.

**Cultural Resources:** The Corporation Yard, due to age, may qualify as a potential cultural (architectural) resource, for National Historic Preservation Act (NHPA) and CEQA purposes and the site has high potential for buried pre-contact archaeological artifacts. As such, redeveloping

the Corporation Yard may require additional surveys and agency consultation to protect cultural and archeological resources as described in the Cultural Resources subsection above.

**Biological Resources:** There were no sensitive biological resources identified that would preclude the redevelopment of the Corporation Yard for the Eco Center (**Figure 11**). Protection measures may be needed to protect sensitive species and habitats nearby from temporary impacts during construction.

**Sea Level Rise Resilience:** The proposed Eco Center is a recreational facility that must be protected from inundation during large flood events. The buildings' existing and proposed usage recommend use of the medium-high risk aversion sea level rise values. Currently, most of the Corporation Yard has an elevation of between approximately 9 and 11 feet (**Figure 9**), below the 1% annual chance (100-year) flood elevation of 11.0 ft NAVD88. The Eco Center design assumes that repurposed Corporation Yard buildings will remain at their current floor elevations, as most of the Eco Center's buildings will be renovations of the existing buildings onsite. Consequently, providing protection against the 1% annual chance flood and making the Corporation Yard resilient to sea level rise may require building a levee or seawall around the Corporation Yard's perimeter. The levee option will take more space than a seawall but can be integrated into the open space design and is more adaptable to higher amounts of sea-level rise. With a 50-year design life (2080) and mid-high risk aversion, the Corporation Yard will need to be designed for at least 4.5 ft of sea level rise. Therefore, levees will need to be constructed to a (post settlement) elevation of at least 15.5 ft plus freeboard to avoid flooding of the Eco Center.

This study considers the level of risk for trails and overflow parking areas to be low. Accordingly, the Project design would be at least +2.4 feet of sea level rise on top of a 10-year storm event for trails and parking areas (2080, high emissions scenario, low risk aversion). Designing for +3.4 feet of sea level rise on top of a 10-year storm event would make trails and overflow parking lots adaptable to 2100 (2100, high emissions scenario, low risk aversion). Ideally, the Project would plan for +3.5 feet of sea level rise on top of a 10-year storm event where raising trails or overflow parking areas wouldn't require Bay fill, per OPC and BCDC guidance. Ultimately, use of trails and overflow parking areas may be restricted during high water at any design elevation, but damage to trails and parking lot is expected to be minimal after floodwaters recede.

**Infrastructure:** Several pieces of infrastructure are currently in use at the Corporation Yard and will need to remain operational. These include the existing PG&E transformer and a building housing the active pump station that pumps sewage material to the wastewater treatment plant. These constraints are already factored into the conceptual design for the Eco Center (RIM et al. 2022).

**Security:** The Corporation Yard has an existing access gate that is used to limit vehicular and pedestrian entry to the site.

## 3.2 Overflow Pond

Enhancing recreational opportunities and habitat restoration around the Corporation Yard while retaining the Overflow Pond requires careful consideration of public safety and environmental

health. To design the Corporation Yard area without the Overflow Pond, ESA evaluated the storage capacity needs, potential alternative locations, storage solution designs, and project costs required to relocate the sewage overflow. Relocating the Overflow Pond would benefit the community by providing more places for valuable natural habitat and public access while reducing public health and environmental risks associated with occasional sewage overflow events.

Opportunities and constraints associated with the Overflow Pond are evaluated by phase. Phase 1 assumes that the Overflow Pond is retained in its current configuration and provides considerations for enhancing habitat and recreation in coordination with the development of the Eco Center. Phase 2 considers the opportunities and constraints associated with relocating the Overflow Pond.

## Phase 1: Retain Overflow Pond

For Phase 1, the Overflow Pond would be retained. The following were considered in developing the design alternatives:

**Public Health:** Raw sewage poses a high risk to public health during and following overflow events. Public access to the Overflow Pond must be restricted when the Overflow Pond is operated and for some time after. At a minimum, permanent security fencing with signage would be needed to limit public access to the Overflow Pond to protect public health and potentially to control access outside of opening hours (Atkinson pers. comm. 2023). The levee maintenance road/trail surrounding the Overflow Pond would likely need to be closed off entirely when wastewater is discharged.

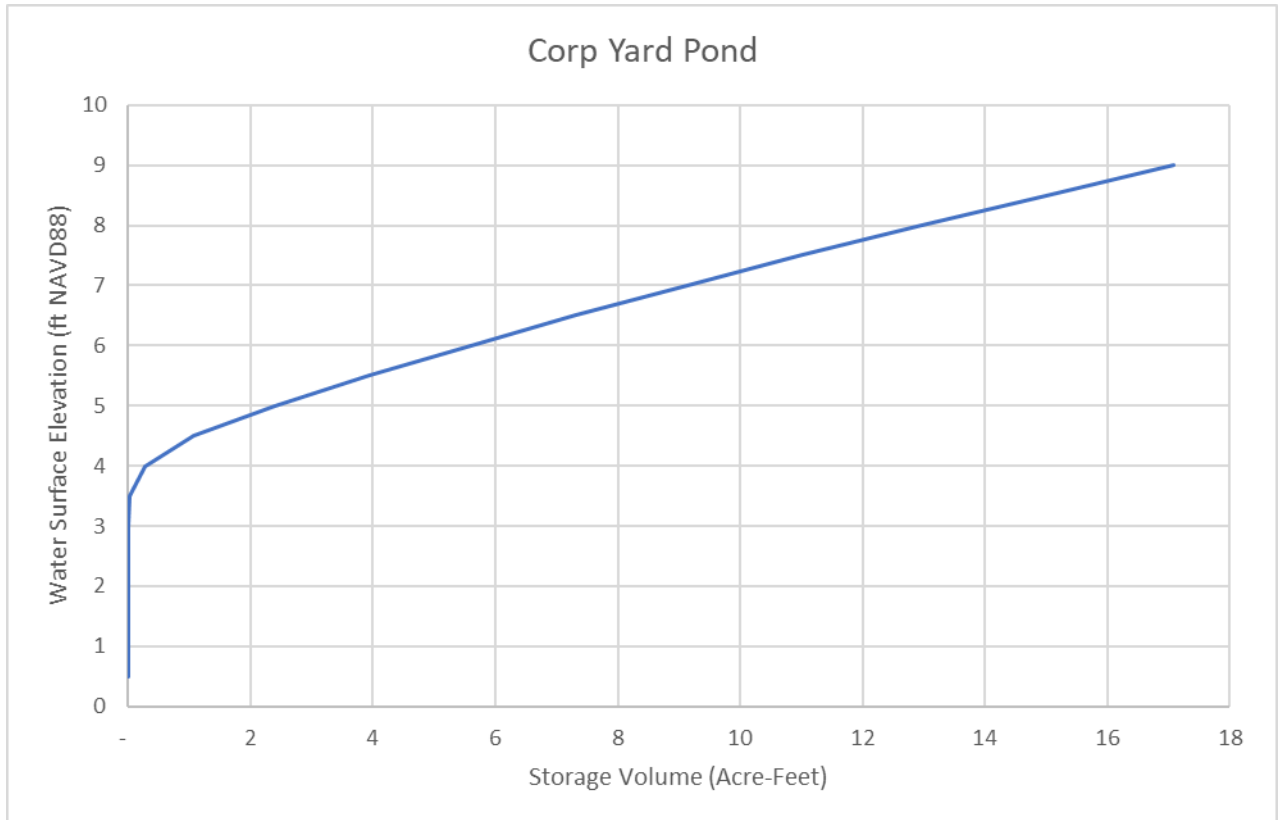
**Aesthetics:** Currently, the Overflow Pond is sparsely vegetated with non-native plants, which has minimal aesthetic value. This condition will likely persist as the Overflow Pond fills seasonally with rainwater and occasionally with sewage, limiting the growth of vegetation. Visual screening can be used to improve the public experience when recreating near the Overflow Pond. Visual screening could also negatively impact neighbors along Wetlands Edge Road who wish to have clear views of the wetlands.

**Sea Level Rise Resilience:** Currently, the berm around the Overflow Pond has a low point at elevation 8.4 ft, which is lower than the 10% annual chance (10-year) storm event of 8.7 ft NAVD88. Any trail around the Overflow Pond should be designed to provide protection from the 10% annual chance event (8.7 ft NAVD88) plus a sea-level rise allowance (2.4 ft for the 2080 low-risk aversion scenario). Without the development of trails, the City should also consider raising the berm around the Overflow Pond for the purposes of preventing overtopping and potential failure of the berm during a storm event.

## Phase 2: Relocate the Overflow Pond

While relocating the Overflow Pond is desirable for public health, aesthetic, and ecological reasons, there are factors, described below, that influence the feasibility of relocation.

**Storage Capacity:** For the Overflow Pond to be relocated in Phase 2, the storage capacity provided by the Overflow Pond must be accommodated elsewhere. **Figure 12** shows the storage volume curve for the Overflow Pond based on the 2010 NOAA LiDAR elevation data. Assuming 2 feet of freeboard, the Overflow Pond's storage capacity is approximately 7 acre-feet.



**Figure 12.**  
Storage volume curve for the Overflow Pond

**Alternative Storage Designs:** There are several options for below-ground sewage overflow containment. **Table 3** presents alternatives that could meet the necessary volume requirements of 2.28 million gallons, or 7 acre-feet.



**TABLE 3.  
DIMENSIONS OF POTENTIAL ALTERNATIVE STORAGE OPTIONS FOR THE OVERFLOW POND, 2.28 MILLION GALLON CAPACITY**

Possible Design*	Dimensions	Examples	Possible Locations
Single Square Tank	100' side 31' depth	East Riverside Avenue, Spokane WA (Spokane City 2017)	Parking areas of Eco Center
Box pipe	16' width 10' depth 1910' length	Spokane Falls Boulevard, Spokane WA (Spokane City 2016)	Under West American Canyon Road
Two large diameter underground pipes	10' diameter 1950' length	Henderson/M.L. King CSO control, Seattle (King 2005)	Under West American Canyon Road
Two tanks	170' length 60' width 21' depth  120' length 40' width 21' depth	Spokane Falls Boulevard, Spokane WA (Spokane City 2016)	Parking areas of Eco Center
*Note, these designs are presented as potential options but require further exploration for feasibility and costs.			

As references, two examples of underground combined sewer overflow (CSO) tanks at the City of Spokane, WA, were investigated, one of which is a 1.6-million-gallon tank on East Riverside Avenue, and the other is a 2.2-million-gallon tank along Spokane Falls Boulevard (**Table 4**). Additionally, a pipe system in Seattle was also evaluated for comparison (King 2005). Other underground storage facilities that the City of American may consider referencing are others in Seattle/King County - 1.25-million-gallon storage system in West Duwamish (King 2023) and 6-million gallon North Creek Storage Facility (King 2004) – and those developed by the Great Lakes Water Authority in Michigan (GLWA 2022). These examples suggest that alternative, underground storage facilities are feasible, should the City decide to relocate the Overflow Pond.

**TABLE 4.  
ESTIMATED DIMENSIONS OF EXAMPLE UNDERGROUND CSO TANKS**

East Riverside Avenue, Spokane, WA	
Volume, million gallon	1.6
Volume, acre-feet	4.9
Length, ft	320*
Width, ft	140*
Depth, ft	4.8
Spokane Falls Boulevard, Spokane, WA	
Volume, million gallon	2.2
Volume, acre-feet	6.8
Length, ft	320**
Width, ft	65**
Depth, ft	14

Cost in 2023 dollars	\$24 million
<b>Henderson/ML King CSO, Seattle, WA</b>	
Volume, million gallon	4
Length, ft	~3,500ft
Tunnel diameter, ft	15 ft
Pipe diameter, in	72 (3 total)
Depth below roadway, ft	30-100
* estimated from Google Earth	
**reference <a href="https://crconcrete.pro/my-fresh-basket/#~:text=Both%20form%20and%20function.,south%20bank%20of%20Spokane%20Falls.">https://crconcrete.pro/my-fresh-basket/#~:text=Both%20form%20and%20function.,south%20bank%20of%20Spokane%20Falls.</a>	

**Relocation Areas:** The relocated storage area must be able to be accessed and maintained. Storage areas under roadways or publicly accessible areas should be able to be accessed for routine maintenance. The sites must also be able to be connected to the Wastewater Treatment Plant infrastructure system. All the explored locations presented in **Table 3** could be designed with appropriate infrastructure connections and maintenance access.

**Cost:** Cost may be the primary constraint for relocating the Overflow Pond. The alternative storage solution will need to be designed, permitted, and constructed before the existing Overflow Pond can be abandoned and repurposed. Costs for the comparable underground tank at Spokane's Spokane Falls Boulevard was approximately \$24 million in 2023 dollars (Spokane Journal of Business 2018). The cost for such an underground tank at the City of American Canyon would likely be at least as high given the price of construction in the North Bay. During Phase 1, the City can continue to explore designs and costs.

## 4. Corporation Yard Study Area Alternatives

In consideration of opportunities and constraints for the Eco Center and Overflow Pond (discussed in Section 3), the Corporation Yard Study Area alternatives aim to incorporate habitat enhancements, sea level rise resilience, and public access amenities consistent with the Project goals.

This study considers three alternatives for the Corporation Yard Study Area. Because the timing of improvements to the Overflow Pond is not known, the alternatives are designed to be implemented in Phases, where Phase 1 can advance with the Overflow Pond still in operation, plus the proposed Eco Center in place, and Phase 2 can advance from presumed future conditions if the Overflow Pond is no longer needed for emergency wastewater storage. **Table 5** explores how these alternatives relate to each other.

**TABLE 5.  
ALTERNATIVES CONSIDERED**

Alternative #	Phase 1 – With Overflow Pond in Place	Phase 2 – Without Overflow Pond
No Project	No public access around Overflow Pond. Assumes Eco Center is in place.	None
Alternative 1: Loop Trail, Spur Trail, Habitat Enhancement	Recreation enhancement with levee loop trail and spur trail. Other smaller recreation and habitat enhancements.	Additional levee breach and tidal habitat restoration in Overflow Pond area.
Alternative 2: Habitat Restoration with Future Boardwalk	Smaller recreation and habitat enhancements. No new trails.	Levee removal with tidal habitat restoration and creation. Addition of a recreational boardwalk.

### 4.1 Alternatives Considerations

Design alternatives considered a wide range of constraints and opportunities for restoring wetlands, improving public access, reducing maintenance obligations, and ease of funding, permitting, and construction. In general, providing longer loop trails creates the greatest public access and recreation value. Restoring tidal marsh and marsh-upland transition zone habitat provides the greatest ecological value.

The design alternatives share a number of commonalities. All design alternatives assume recreational trails and overflow parking areas would be raised to 12-foot elevation to withstand a 10-year flood event (8.7 feet NAVD88) without freeboard (2080, low risk aversion, high emissions scenario) but with 0.9 feet of additional levee height to provide extra resilience.

Additionally, all design alternatives are feasible to permit and construct. All alternatives include an overflow parking lot for the Eco Center. A pedestrian and bicycle trail along the top of the levee surrounding the Eco Center would expand recreation amenities and public access in the area. And all alternatives include additional security features like fencing and pedestrian gates to control public access while the Eco Center is closed. **Figure 6** shows the fence around the perimeter of the Eco Center included in its current design (RIM et al. 2022). This Study's design

alternatives build additional gates and fences for managing public and maintenance access to different trails and maintenance access routes.

Furthermore, all alternatives can provide public education elements like interpretive signs, overlooks sufficiently large for school groups to gather, and nest boxes for insectivorous swallows and bats.

The alternatives differ with regards to length of trails, types of recreation amenities, type of habitat created, acreage of enhanced habitat, and overall cost to implement. Phase 1 alternatives provide varying amounts of enhanced recreation and habitat while retaining the Overflow Pond for use as temporary overflow storage during storm events. As a result, all Phase 1 alternatives include fencing with signage to isolate the Overflow Pond for public health and safety. Phase 1 design alternatives generally have less than 1 acre of new habitat and primarily vary in terms of length of new trails and types of habitat created.

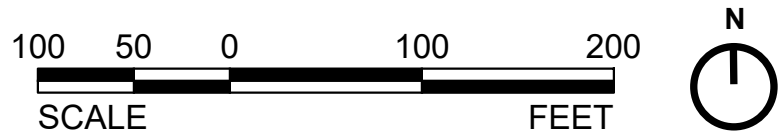
Phase 2 alternatives build upon the Phase 1 alternatives by restoring the Overflow Pond to tidal marsh plus transitional habitat as part of a future phase of work. The City could restore the Overflow Pond to tidal marsh by breaching the Overflow Pond's perimeter levee (Alternative 1) or by removing the Overflow Pond's perimeter levees altogether (Alternative 2). Earmarking restoration of the Overflow Pond for a future phase allows the City to proceed with initial Project improvements while funding can be identified and additional studies prepared for restoring the Overflow Pond to tidal marsh. Phase 2 alternatives all restore over 5.5 acres of new habitat—much of it tidal marsh - and vary by type of recreational trail.

## 4.2 No Project Alternative

Phase 1 No Project Alternative (**Figure 13**) includes the most pared-back recreational, educational, and habitat improvements that could be implemented as part of the lowest-cost, easiest-to-permit, and easiest-to-construct scenario considered in this Study. Phase 1 No Project Alternative assumes construction of the Eco Center and includes an additional 350-foot multi-use trail parallel to the driveway from Wetlands Edge Road to the Eco Center. This multi-use trail would connect the Overflow Parking Lot to the Eco Center and serve as an alternative approach to the 0.3-mile loop trail around the perimeter of the Eco Center. A planting strip would provide a safety buffer between vehicular traffic and trail users and would be wide enough to plant shade trees.

For safety purposes, fencing is included to buffer people and dogs from untreated wastewater in the Overflow Pond and to discourage animals from traveling between wastewater storage areas and the Eco Center complex.





American Canyon Restoration Project

**Figure 13: Phase 1 No Project Alternative  
No Public Access around Overflow Pond**



## 4.3 Alternative 1: Levee Loop Trail, Spur Trail, and Habitat Enhancement

Alternative 1 was designed to maximize recreational opportunity at the site while making modest habitat improvements. Key features of both phases include a 12-foot elevation loop trail around the Overflow Pond with a spur out towards North Slough; a stormwater wetland rain garden; a picnic area, fencing; and ecotone habitat enhancements. Phase 2 includes breaching of the Overflow Pond levee resulting in additional tidal marsh restoration and habitat transition enhancements.

### Alternative 1, Phase 1

Alternative 1, Phase 1 (**Figure 14**) provides public access amenities and minor habitat enhancements with the Overflow Pond in place. The most notable public access improvement associated with Phase 1 is a 0.4-mile loop trail along the existing crest of the Overflow Pond's perimeter levee. This existing paved maintenance route would be raised to 12 feet to improve sea level and storm event resilience. The current width of 12 feet (10 foot plus shoulder) would be retained so that the trail can classify as a Class 1 multi-use trail. Expansion of the trail footprint associated with raising the elevation would be accommodated into the interior of the Overflow Pond to reduce impacts tidal wetlands. This would result in approximately 3 acres of impact to largely ruderal upland vegetation though there may be a small amount of impact to wetland vegetation growing along the Overflow Pond margin. While some interior volume of the Overflow Pond would be lost with the levee footprint expansion, it is expected that this capacity would be more than compensated by the extra capacity gained with higher levee.

This raised loop trail around the crest of the levee would be bordered by a 2,300-foot fence to prevent public access to the wastewater overflow basin. This loop trail would connect to the Eco Center's perimeter trail and the existing levee trail to the preferred kayak launch location described in the American Canyon Kayak Launch Recreational Feasibility Study. If the kayak launch is not implemented, the trail would serve as a spur trail for views to North Slough. **Figure 14** shows locations where pedestrian gates could be installed to limit access to these trails outside of opening hours and during periodic trail closure events.<sup>3</sup> Other Phase 1 public access amenities could include a public gathering area such as a picnic area, nature play area for children, and/or a landmark sculpture located south of the overflow parking lot.

Habitat improvements associated with Alternative 1, Phase 1 include upland, ecotone, and wetland habitat enhancements in areas not subject to contact with Overflow Pond waters. Planting areas include a 0.2-acre band of upland habitat along the northern and eastern flanks<sup>4</sup> of the Overflow Pond and 0.4 acres of new ecotone habitat to the east of the Overflow Pond at an existing dirt lot between the Overflow Pond and Wetlands Edge Road. In addition, Phase 1

<sup>3</sup> The City would likely temporarily close off public access to both the kayak launch and the levee crest trail pond loop trail in the event of an overflow to minimize public health and safety risks.

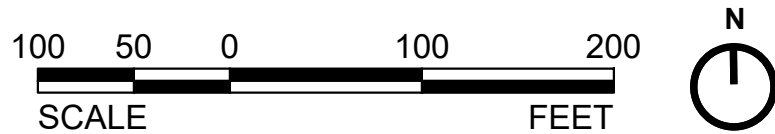
<sup>4</sup> Plantings can partially screen required security fencing around the Overflow Pond. Plantings above the ponding elevations.

proposes a 0.1-acre stormwater wetland or rain garden to clean runoff from the overflow parking lot before it reaches the Bay. New fencing with signage would keep people and dogs away from the Overflow Pond to reduce associated health risks.

## **Alternative 1, Phase 2**

Once the Overflow Pond is relocated, Alternative 1, Phase 2 (**Figure 15**) restores 3.3 acres of tidal marsh by creating an approximately 80-foot levee breach in the southwest corner of the Overflow Pond's perimeter levee. This restored tidal marsh would be connected to surrounding marshes via a 30-foot-wide tidal channel with a bed elevation of approximately 0 feet NAVD88. A trail crossing – such as a box culvert or a bridge rated for light use by City maintenance vehicles – across the breach would preserve the 0.4-mile loop trail around the former Overflow Pond. Alternative 1, Phase 2 also includes 1.3 additional acres of new upland and ecotone habitat adjacent to the tidal marsh, providing important refugia for marsh species. This alternative's benefits include reducing wastewater contamination risk, improving habitat, and increasing resiliency to sea level rise. On-site restoration would mitigate for any temporary on-site impacts to tidal marsh due to construction.

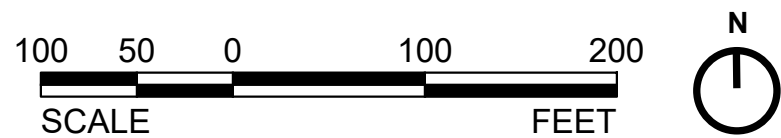




American Canyon Restoration Project

**Figure 14: Alternative 1, Phase 1**  
**Preferred Alternative: Levee Loop Trail, Spur Trail, and Habitat Restoration**





American Canyon Restoration Project

**Figure 15: Alternative 1, Phase 2**  
**Preferred Alternative: Partial Restoration with Levee Loop Trail**



## 4.4 Alternative 2: Habitat Restoration and Future Boardwalk

Alternative 2 (**Figure 16** and **Figure 17**) offers a more habitat-focused alternative. Both phases restore approximately 0.5 acres of tidal marsh habitat to the east of the Overflow Pond; provide for a small stormwater wetland; enhance existing upland habitat, and include fencing. Phase 2 removes existing berms around the Overflow Pond to restore and create tidal marsh habitat and provides for a recreational boardwalk.

### Alternative 2, Phase 1

Alternative 2, Phase 1 (**Figure 16**) includes 0.4 acres of upland habitat planting north of the Overflow Pond and up to 0.5 acres of restored tidal marsh east of the Overflow Pond where there currently is a dirt parking lot on fill. This restored marsh would be created by excavating the fill material to marsh elevations and re-using the fill for raising levees or other ground surfaces elsewhere on site. Between this restored marsh and Wetlands Edge Road, an existing stormwater drainage outfall from Wetlands Edge Road can be repurposed to provide water to new wetland transition zone habitat in an existing drainage dominated by ruderal vegetation. This stormwater wetland could connect to the Eco Center demonstration wetland via a culvert under the entry drive and/or to a new rain garden fed by runoff from the overflow parking lot. New fencing would isolate the Eco Center and overflow parking from the Overflow Pond. In Phase 1 of this alternative the levee around the Overflow Pond would remain at its current elevation as no trail improvements are proposed.

### Alternative 2, Phase 2

Alternative 2, Phase 2 restores the Overflow Pond to tidal marsh by substantially removing its levees and integrating the Overflow Pond into the surrounding marsh plain (**Figure 17**). The majority of the Overflow Pond's levees would be lowered to marsh plain elevation, with the remaining small sections of levee retained as supra-tidal islands. These actions create 5.2 acres of tidal marsh and associated islands. Excavated material from the Overflow Pond levees could be used inside the pond to grade a gently sloped wetland-upland ecotone slope of approximately one acre to the south of the overflow parking lot and spur levee, and also fill other low areas. The transition zone would provide refugia for marsh species, allow tidal marsh to migrate upslope as sea levels rise, and significantly expand a type of habitat that has become extremely rare around the Bay. Phase 2 would create sweeping views of restored and existing marsh from the Eco Center. It would also include an elevated boardwalk of +/- 0.15 miles through the marsh for public education and up-close viewing of the restored tidal marsh, tying into the Eco Center's programming. Such a boardwalk could include marsh overlooks and interpretive signage.





American Canyon Restoration Project

**Figure 16: Alternative 2, Phase 1  
Habitat and Recreation Enhancement without Levee Loop Trail**





American Canyon Restoration Project

**Figure 17: Alternative 2, Phase 2  
Full Restoration with Boardwalk**



## 5. Alternatives Evaluation and Selection of Recommended Project Alternative

The Project planning team developed a set of evaluation criteria for assessing how well each alternative meets the Project and Study objectives (described in Section 1.1). This section presents the evaluation criteria and discusses the relative performance of each alternative.

### 5.1 Evaluation Criteria

Alternatives were evaluated using the following criteria:

- Habitat Enhancements
  - Habitat value – increase the abundance and diversity of native species and special-status
  - Maintain or increase habitat connectivity.
- Public Access and Recreation
  - Increase and improve public access and recreational opportunities.
  - Safeguard public health and safety.
- Resilience
  - Increase resilience to sea level rise.
- Feasibility and Costs
  - Reduce implementation costs.
  - Reduce long-term maintenance obligations.

### 5.2 Alternatives Evaluation

**Table 6** summarizes the performance of each alternative by phase, with respect to the evaluation criteria. Alternative 1 best meets the range of evaluation criteria and is the recommended Corporation Yard alternative. Habitat restoration of the area just east of the Overflow Pond would be incorporated into Alternative 1 as an additional feature to improve habitat value and habitat connectivity in the recommended alternative.

Alternative 1 performs best with respect to achieving public access and education goals. The tradeoff is that Alternative 1 provides less acreage of restored marsh habitat. Therefore, additional habitat restoration elements from Alternative 2 would be incorporated into the recommended alternative.

Preserving the levees around the Overflow Pond retains recreational possibilities provided by the levees. The spur trail expands the Bay Trail closer to the bay edge. Additionally, increasing tidal marsh and/or ecotone habitat within and east of the Overflow Pond restores acres of valuable habitat. This would also allow the Project to result in a net increase in wetland area, facilitating the permit process.

**TABLE 6.**  
**SUMMARY EVALUATION OF CORPORATION YARD RESTORATION ALTERNATIVES**

Alternative	Description / Phase	Habitat Value	Habitat Connectivity	Public Access	Resilience	Maintenance	Public Health and Safety	Cost *
<b>No Project Alternative</b>	Assumes Eco Center is implemented. Fencing to prohibit public access around Overflow Pond.	Low (no new habitat created)	Low (no new habitat created)	Low (public access limited to Eco Center improvements)	Low (no SLR adaptation)	Moderate (maintain pond levees)	Moderate (fence to prohibit public access to Overflow Pond)	Low (limited improvements beyond Eco Center)
<b>Alternative 1: Loop Trail, Spur Trail, and Habitat Enhancement</b>	Phase 1. Loop trail around Overflow Pond. Spur trail. Public gathering space. Upland habitat enhancement. Stormwater wetland.	Low (0.2 acres upland, 0.5 acres upland habitat created)	Low (limited improvements to habitat connectivity)	High (new spur trail and loop trail)	High (trails elevated to improve resilience of trail network)	Moderate (maintain pond levees and new public amenities)	Moderate (fence to prohibit public access to Overflow Pond)	High (raise Overflow Pond berms, pave trails, additional fencing)
	Phase 2. Overflow Pond Restored to Tidal Marsh. New culvert under Loop Trail.	High (3.3+ acres restored tidal marsh and transition habitat)	High (tidal channel connection to restored habitat)	High (same as Phase 1)	High (trails elevated to improve resilience of trail network)	Moderate (same as Phase 1)	High (wastewater overflow relocated underground)	High (new culvert or bridge beneath loop trail)
<b>Alternative 2: Habitat Restoration with Future Boardwalk</b>	Phase 1. Small restored tidal marsh. Upland habitat enhancement. Stormwater wetland with connection to Eco Center demonstration wetland.	Moderate (0.5 acres tidal marsh restoration, 0.4 acres upland habitat creation)	Moderate (new tidal marsh connected to existing marsh)	Low (public access mostly limited to Eco Center improvements)	Moderate (habitat transition with restored wetland area)	Moderate (maintain levees)	Moderate (Fence to prohibit public access to Overflow Pond)	Moderate (grading for enhanced habitat)
	Overflow Pond and its levees restored to tidal marsh and wetland-upland transition zone. New boardwalk through marsh.	High (5.2+ acres restored tidal marsh plus marsh-upland transition habitat)	High (restored tidal marsh would be contiguous to existing marsh)	High (new boardwalk through restored tidal marsh)	High (trail around Eco Center elevated for resilience; Overflow Pond trail removed)	Moderate (maintain boardwalk, landscaped areas)	High (wastewater relocated underground)	High (earthwork for removing Overflow Pond levees, boardwalk construction)

\*Costs are qualitative and relative. More specific cost estimations will be developed for the recommended alternative that are advanced as part of the Wetlands Restoration Plan.

SLR = Sea Level Rise

## 6. Next Steps

With the completion of this feasibility study, the evaluated alternatives will be shared with the Project's Technical Advisory Committee for input. A revised recommendation will be advanced into a Corporation Yard design concept in coordination with the recommendations from the kayak launch and North Slough feasibility studies.

## 7. References

- Atkinson, Jay. 2023. Email Communication between City of American Canyon's Water Reclamation Facilities Operations Manager and Environmental Science Associates.
- American Canyon, City of. 2023. Wetlands and Napa River Bay Trail Website. Accessed June 2023. Available at: <https://www.cityofamericancanyon.org/government/parks-trails-open-space/wetlands>
- CNRA (California Natural Resources Agency) and OPC (Ocean Protection Commission). 2018. [https://opc.ca.gov/webmaster/ftp/pdf/agenda\\_items/20180314/Item3\\_Exhibit-A\\_OPC\\_SLR\\_Guidance-rd3.pdf](https://opc.ca.gov/webmaster/ftp/pdf/agenda_items/20180314/Item3_Exhibit-A_OPC_SLR_Guidance-rd3.pdf). Accessed August 2023.
- Center for Disease Control and Prevention (CDC). 2023. Per- and Polyfluorinated Substances (PFAS). [https://www.cdc.gov/biomonitoring/PFAS\\_FactSheet.html](https://www.cdc.gov/biomonitoring/PFAS_FactSheet.html)
- City of Spokane. 2017. East Riverside will be home to two CSO tanks. <https://my.spokanecity.org/news/stories/2017/07/24/east-riverside-will-be-home-to-two-cso-tanks/>. Accessed August 2023.
- Cooper, Brent. 2023. City of American Canyon. Personal Communication.
- Envirosite. 2022. *Government Records Report, American Canyon Wetlands Restoration*. May 26.
- Great Lakes Water Authority (GLWA). 2022. Capital Improvement Plan 2022-2026, Appendix D: System Background Information. [https://www.glwater.org/wp-content/uploads/2020/12/GLWA-2022-2026-CIP\\_AppendixD.pdf](https://www.glwater.org/wp-content/uploads/2020/12/GLWA-2022-2026-CIP_AppendixD.pdf). Accessed August 2023.
- King County. 2004. North Creek Storage Facility, Completed Spring 2004. <https://kingcounty.gov/en/dept/dnrp/waste-services/wastewater-treatment/capital-projects/completed/north-creek-storage-facility>. Accessed August 2023.
- King County. 2005. Henderson/M.L. King CSO control, Seattle (2005). <https://kingcounty.gov/en/dept/dnrp/waste-services/wastewater-treatment/capital-projects/completed/henderson>. Accessed August 2023.
- King County. 2023. West Duwamish Wet Weather Storage Facility. <https://kingcounty.gov/en/dept/dnrp/waste-services/wastewater-treatment/capital-projects/west-duwamish-facility>. Accessed August 2023.



- USEPA (Environmental Protection Agency). 2003. Control of Pathogens and Vector Attraction in Sewage Sludge. Under 40 CFR Part 503. Environmental Regulations and Technology. EPA/625/R-92/013. Revised July 2003. Available at: [https://www.epa.gov/sites/default/files/2015-04/documents/control\\_of\\_pathogens\\_and\\_vector\\_attraction\\_in\\_sewage\\_sludge\\_july\\_2003.pdf](https://www.epa.gov/sites/default/files/2015-04/documents/control_of_pathogens_and_vector_attraction_in_sewage_sludge_july_2003.pdf)
- ESA (Environmental Science Associates). 2022. American Canyon Wetlands Restoration Project, Phase 1 Environmental Site Assessment. Drafted for the City of American Canyon, June 2022.
- FEMA (Federal Emergency Management Agency). 2016. Flood Insurance Study Napa County California and Incorporated Areas. Flood Insurance Study Number 06055CV000C. August.
- NOAA CO-OPS Tidal Analysis Datum Calculator. NOAA Richmond Tide Gauge. Accessed October 2022. <https://access.co-ops.nos.noaa.gov/datumcalc/>
- RIM, BKF, ZFA, Axiom Engineers, Rhaa. 2022. Facility Assessment Report and Basis of Design. Wetlands Ecology Center for American Canyon Community and Parks Foundation. June 06, 2022.
- Sellick, Janelle. 2022. Personal Communication. In-person meeting at American Canyon Wetlands with ESA staff. July 20, 2022.
- Spokane City. 2016. Design Proceeds for Largest Sewer Overflow Tank. February 1, 2016. News article available at: <https://my.spokanecity.org/news/stories/2016/02/01/design-proceeds-for-largest-sewer-overflow-tank/>
- Spokane City. 2017. East Riverside Will Be Home to Two CSO Tanks. July 24, 2017. News article available at: <https://my.spokanecity.org/news/stories/2017/07/24/east-riverside-will-be-home-to-two-cso-tanks/>
- Spokane Journal of Business. Spokane Falls Blvd. configuration changes considered. 26 April 2018. <https://www.spokanejournal.com/local-news/spokane-falls-blvd-configuration-changes-considered/>
- USEPA (Environmental Protection Agency). 2003. Control of Pathogens and Vector Attraction in Sewage Sludge. Under 40 CFR Part 503. Environmental Regulations and Technology. EPA/625/R-92/013. Revised July 2003. Available at: [https://www.epa.gov/sites/default/files/2015-04/documents/control\\_of\\_pathogens\\_and\\_vector\\_attraction\\_in\\_sewage\\_sludge\\_july\\_2003.pdf](https://www.epa.gov/sites/default/files/2015-04/documents/control_of_pathogens_and_vector_attraction_in_sewage_sludge_july_2003.pdf)
- United States Environmental Protection Agency (EPA). 2023. Our Current Understanding of the Human Health and Environmental Risks of PFAS. <https://www.epa.gov/pfas/our-current-understanding-human-health-and-environmental-risks-pfas>

# Appendix A

## **Biological Resources Memo**

REDACTED - PROVIDED AS APPENDIX E OF THE RESTORATION  
AND PUBLIC ACCESS PLAN

# Appendix B

## **Phase I Environmental Site Assessment**

REDACTED - PROVIDED AS APPENDIX D OF THE RESTORATION  
AND PUBLIC ACCESS PLAN



Appendix D  
**Phase I Environmental Site  
Assessment**



Final

# AMERICAN CANYON WETLANDS RESTORATION PROJECT, AMERICAN CANYON, CALIFORNIA

Phase I Environmental Site Assessment

Prepared for  
City of American Canyon

July 2022







Final

AMERICAN CANYON WETLANDS RESTORATION  
PROJECT, AMERICAN CANYON, CALIFORNIA  
Phase I Environmental Site Assessment

Prepared for  
City of American Canyon

July 2022

1425 N. McDowell Boulevard  
Suite 200  
Petaluma, CA 94954  
707.795.0900  
esassoc.com



Bend	Orlando	San Jose
Camarillo	Pasadena	Santa Monica
Delray Beach	Petaluma	Sarasota
Destin	Portland	Seattle
Irvine	Sacramento	Tampa
Los Angeles	San Diego	
Oakland	San Francisco	

202101145

**OUR COMMITMENT TO SUSTAINABILITY** | ESA helps a variety of public and private sector clients plan and prepare for climate change and emerging regulations that limit GHG emissions. ESA is a registered assessor with the California Climate Action Registry, a Climate Leader, and founding reporter for the Climate Registry. ESA is also a corporate member of the U.S. Green Building Council and the Business Council on Climate Change (BC3). Internally, ESA has adopted a Sustainability Vision and Policy Statement and a plan to reduce waste and energy within our operations. This document was produced using recycled paper.

# TABLE OF CONTENTS

---

## American Canyon Wetlands Restoration Project, American Canyon, California Phase I Environmental Site Assessment

	<u>Page</u>
<b>Section 1.0, Executive Summary .....</b>	<b>1</b>
<b>Section 2.0, Introduction.....</b>	<b>5</b>
2.1 Purpose, Standards, and Definitions .....	5
2.2 Scope of Services .....	8
2.3 Limitations and Exceptions .....	9
<b>Section 3.0, Site Description .....</b>	<b>10</b>
3.1 General Setting and Location .....	10
3.2 Current and Proposed Land Uses .....	10
<b>Section 4.0, Records Review .....</b>	<b>10</b>
4.1 Standard Environmental Record Sources .....	10
4.2 Results of Database Search .....	10
4.3 Other Records Reviewed.....	13
4.4 Previous Phase I Environmental Site Assessment .....	15
4.5 Physical Setting.....	15
<b>Section 5.0, Site Reconnaissance.....</b>	<b>16</b>
5.1 Methodology and Limiting Conditions.....	16
5.2 General Site Setting.....	16
5.3 Site Observations.....	16
5.4 Results of Site Reconnaissance .....	34
<b>Section 6.0, User-Provided Information .....</b>	<b>35</b>
<b>Section 7.0, Findings and Opinions .....</b>	<b>36</b>
7.1 Findings and Opinions .....	36
7.2 Data Gaps .....	36
<b>Section 8.0, Report Authors and Qualifications.....</b>	<b>38</b>
8.1 Report Authors and Signatures .....	38
<b>Section 9.0, References .....</b>	<b>39</b>



	<u>Page</u>
<b>Appendices</b>	
A. Government Records Report .....	A-1
B. Historical Aerial Photographs and Historical Topographic Maps.....	B-1

**List of Figures**

Figure 1 Subject Property.....	<b>Error! Bookmark not defined.</b>
Figure 2 Corporation Yard .....	4

# SECTION 1.0

---

## Executive Summary

*Environmental Science Associates (ESA) compiled this executive summary using excerpts from the Phase I environmental site assessment report that follows. This executive summary may not provide all the information necessary to fully characterize the site and gain an understanding of the issues, nor does it detail the Phase I assessment and its findings. ESA does not recommend relying solely on this executive summary.*

This Phase I environmental site assessment was conducted on behalf of the City of American Canyon (City) for the American Canyon Wetlands Restoration Project (see **Figure 1, Subject Property**, and **Figure 2, Corporation Yard**). The project would consist of wetland restoration and public access enhancements within the subject property. A new educational facility is proposed by the American Canyon Community and Parks Foundation at the City's maintenance yard (referred to as the Corporation Yard), and the project is considering additional opportunities for public access and wetlands restoration. The closed American Canyon Landfill, located within the northern portion of the subject property would remain unchanged. This Phase I assessment was conducted in general accordance with guidance from the American Society of Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property* (ASTM E2247-16), and 40 Code of Federal Regulations (CFR) Section 312.1, "*Purpose, Applicability, Scope and Disclosure Obligations*." This Phase I environmental site assessment was conducted to identify Recognized Environmental Conditions (RECs), Historical Recognized Environmental Conditions (HRECs), or Controlled Recognized Environmental Conditions (CRECs) at the subject properties (see Section 2.1 for definitions).

The subject property was inspected on June 2 and July 1, 2022. The subject property consists of a wetlands area on the west side of the City of American Canyon, which includes the now-closed American Canyon Landfill and the City's maintenance yard, referred to as the Corporation Yard. The following observations and conclusions apply to the site inspection:

- The closed American Canyon Landfill is entirely capped and vegetated. No areas of erosion or exposed waste were observed. **The landfill is considered a CREC because it contains buried municipal waste that is in a controlled, sealed condition, and may not be disturbed without authorization from the Regional Water Quality Control Board (RWQCB).**

- The Corporation Yard serves as the City’s maintenance and landscaping facility, which stores and uses fuels and motor oils, antifreeze, pesticides, and herbicides. **No RECs, CRECs, or HRECs were observed relative to hazardous materials, hazardous waste, or chemical use, storage, or disposal.**
- The wetland areas did not have any observed chemical containers or tanks, chemical spills, stained soil, or stressed vegetation. **No RECs, CRECs, or HRECs were observed relative to hazardous materials, hazardous waste, or chemical use, storage, or disposal.**

A commercial government records database service searched relevant federal, state, and local regulatory agency lists for listings of the subject property and for nearby properties within the appropriate ASTM 2247 standard search distances. In addition, regulatory agency websites were checked to provide additional information. The records search returned the following relevant listings with the following conclusions:

- **The search of regulatory records did not reveal any RECs that would adversely affect the subject property or prevent restoration activities.**
- **The closed American Canyon Landfill is considered a CREC because the buried waste and leachate in the landfill would be considered hazardous, is controlled by the cap and leachate and landfill gas collection systems, and is subject to land use restrictions that prohibit disturbing the buried waste.**
- **Five listings within or near the subject property are considered HREC that consist of historical spills of sewage or wine or spirits that are considered no longer be able to adversely affect the subject property or restoration activities.**

The City street supervisor, site manager for the American Canyon Landfill, City Engineer, and City Inspector were interviewed regarding the history of the subject property. **The results of the interviews are incorporated into this Phase I assessment and did not indicate any RECs, HRECs, or CRECs.**



SOURCE: Google, October 2020

American Canyon Wetlands Restoration Project 202101145

**Figure 1**  
Subject Property





SOURCE: Google, October 2020

American Canyon Wetlands Restoration Project 202101145

**Figure 2**  
Corporation Yard

# SECTION 2.0

---

## Introduction

### 2.1 Purpose, Standards, and Definitions

On behalf of the City of American Canyon, Environmental Science Associates (ESA) conducted this Phase I environmental site assessment for the American Canyon Wetlands Restoration Project in the City of American Canyon, California (subject property) (see Figure 1, *Subject Property*).

This Phase I assessment was conducted in general accordance with the American Society of Testing Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property* (ASTM E2247-16) (ASTM 2016) and the U.S. Environmental Protection Agency (EPA) Final Rule regarding Standards and Practices for All Appropriate Inquiries (70 *Federal Register* [FR] 66070, July 1, 2005; 40 Code of Federal Regulations [CFR] Part 312) (AAI Rule). EPA has stated that the ASTM E2247-16 is consistent with the AAI Rule (82 FR 28040, June 20, 2017). Specifically, this final rule amends the AAI Rule at 40 CFR Part 312 to reference ASTM E2247-16 and make clear that persons conducting all appropriate inquiries may use the procedures included in this standard to comply with the AAI Rule.

The purpose of this Phase I assessment is to enable the parties relying on it to satisfy one or more of the requirements for the innocent landholder defense to liability under the Comprehensive Environmental Response, Compensation, and Liability Act and to evaluate the potential for Recognized Environmental Conditions (RECs) at the subject properties. Three types of RECs are defined by ASTM E2247-16, as listed below. The term *Recognized Environmental Conditions (RECs)* means:

- (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment;
- (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or
- (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

In addition, the ASTM standard defines the two categories cited below.

The term *Historical Recognized Environmental Conditions (HRECs)* means:

A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.

For a past REC to be considered an HREC, it must:

- Have already been remediated (or meet current standards without remediation);
- Not require use restrictions or engineering controls (e.g., cap, subslab depressurization system); and
- Meet current standards.

If the REC has use restrictions or engineering controls, the REC may be designated as a Controlled Recognized Environmental Condition (CREC), as defined below. Unlike HRECs, a CREC will be listed in the conclusions section of the Phase I assessment, along with other RECs. The purpose of this new category is to bring continuing obligations, such as use restrictions, maintenance requirements, and reporting requirements, to the forefront. The term *CREC* means:

A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report.

RECs, HRECs, and CRECs are 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. In addition, business environmental conditions (e.g., subsurface crude oil pipelines) are noted but not considered RECs, HRECs, or CRECs.

The ASTM Standard practice also defines a “business environmental risk” as a risk that can have a material environmental impact on the planned use of a property.

## 2.2 Scope of Services

The following sections describe ESA's work scope:

- Section 2.0, *Introduction*, discusses the purpose for performing the Phase I assessment; the standards and definitions used for the Phase I assessment; and significant assumptions and limitations.
- Section 3.0, *Site Description*, provides general information concerning the location, description, and current and proposed uses of the subject properties, along with a description of any structures and improvements at the time of ESA's assessment.
- Section 4.0, *Records Review*, includes ESA's review of various databases available from federal, State, and local regulatory agencies regarding hazardous materials use, storage, or disposal within or near the subject properties considered in this assessment. Copies of relevant documents are included in the appendices of this report. Physical setting sources such as topography, soil, and groundwater conditions are described.
- Section 5.0, *Site Reconnaissance*, describes ESA's observations during reconnaissance of the subject property. The methodology used and limiting conditions are described.
- Section 6.0, *User-Provided Information*, documents information provided by the interviews conducted with the owner or property manager.
- Section 7.0, *Findings and Opinions*, presents ESA's findings and professional opinions regarding the information contained in this report. It provides ESA's conclusions regarding the presence of RECs connected with the subject properties and data gaps, if any, that could affect the recognition of RECs.
- Section 8.0, *Report Authors and Qualifications*, provides the signatures and qualifications of the report authors.
- Section 9.0, *References*, is a summary of the resources used to compile this report that supplement the information provided in the appendices.
- The appendices contain certain pertinent documentation regarding the subject property. Appendices A and B contain the report of government records search results, as well as historical aerial photographs and historical topographic maps. City directories and fire insurance maps were not ordered because such records would not be produced for this rural property.



## 2.3 Limitations and Exceptions

No environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs, HRECs, and CRECs in connection with a property. Conformance of this Phase I assessment with ASTM E2247-16 reduces, but does not eliminate, uncertainty regarding the potential for RECs, HRECs, and CRECs in connection with the subject property. While ESA has made every effort to discover and interpret available historical and current information on the property assessed within the time available, some potential always remains for undiscovered contamination to be present. ESA's report is a best-efforts collection and interpretation of available information, and cannot be considered wholly conclusive. This report and the associated work were provided in accordance with the principles and practices generally employed by the local environmental consulting profession. This is in lieu of all warranties, expressed or implied. No other warranty is expressed or implied. ASTM E2247-16 is included in this report by reference.

This Phase I assessment is based primarily on historical research, a database review, and a site reconnaissance of accessible areas. This Phase I assessment does not include "non-scope issues" as specified by ASTM E2247-16, such as surveys for the presence of the following items on or in the vicinity of the subject property: asbestos-containing materials, polychlorinated biphenyls (PCBs), radon, effects on indoor air quality, lead-based paint, lead in drinking water, industrial hygiene, health and safety, regulatory compliance, and high-voltage lines.

The conclusions presented are professional opinions based solely upon indicated data described in this report, visual site and vicinity observations, and the interpretation of the available historical information and documents reviewed, as described in this report. Unless ESA has actual knowledge to the contrary, information obtained from interviews or provided to ESA is assumed to be correct and complete. ESA does not assume any liability for information that was misrepresented to ESA by others or for items not visible, accessible, or present on the parcel during the time of the site reconnaissance. The conclusions are intended exclusively for the purpose outlined herein and the site location and project indicated. Any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of the user.

Opinions and recommendations presented herein apply to the site conditions existing at the time of this Phase I assessment and cannot necessarily apply to site changes of which ESA is not aware and has not had the opportunity to evaluate. Changes in the conditions of the parcel may occur with time due to natural processes or the works of man on the property or adjacent properties. Changes in applicable standards may also occur as a result of legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond ESA's control. Opinions and judgments expressed herein are based on ESA's understanding and interpretation of current regulatory standards, and should not be construed as legal opinions.

## **SECTION 3.0**

---

### **Site Description**

#### **3.1 General Setting and Location**

The subject property consists of a wetlands area on the west side of the City of American Canyon that includes the now-closed American Canyon Landfill and the City's maintenance yard, referred to as the Corporation Yard, as shown on Figures 1 and 2. Parcel numbers are listed below:

- Former Treatment Ponds – North: 058-030-055-000
- Wetlands between North ponds and landfill: 058-020-017-000
- American Canyon Landfill: 058-020-016-000 and 058-050-042-000
- Corporation Yard, former wastewater overflow pond, and wetlands: 058-050-046-000 and 058-050-048-000
- Corporation Yard only: 058-040-018-000
- The rest of the wetlands: 058-020-014-000, 058-050-044-000, 058-050-041-000, 058-050-036-000, 058-050-037-000, 058-050-040-000, 058-050-039-000, 058-050-038-000, 058-050-045-000, 058-050-047-000, 058-040-016-000, 058-050-001-000

#### **3.2 Current and Proposed Land Uses**

The subject property is mostly wetlands with the City's Corporation Yard along the east side of the subject property and the closed American Canyon Landfill in the northern portion of the subject property.

The city is considering conducting further actions at the subject property that may include restoring wetlands, developing an education center, and developing a kayak launch. The closed American Canyon Landfill will remain as is.

## **SECTION 4.0**

---

### **Records Review**

The purpose of the records review is to obtain and examine records that could help to evaluate potential RECs, HRECs, and CRECs in connection with the subject properties. This section documents the database records search and the evaluation of other records, summarizes information provided by the property owners, and describes the physical setting of the subject properties.

#### **4.1 Standard Environmental Record Sources**

Federal, state, and local regulatory agencies publish databases of businesses and properties that handle hazardous materials or hazardous waste, including those properties with a known release of hazardous substances to soil and/or groundwater. These databases are available for review and/or purchase at the regulatory agencies, or the information may be obtained through a commercial database service. ESA contracted with a commercial database service to perform the government records database search for listings within the appropriate ASTM standard minimum search distance (EnviroSite 2022). A detailed description of the types of information in each database reviewed and the agency responsible for compiling the data is included in the Government Records Report provided as Appendix A, which includes a list of acronyms for the individual databases.

ESA evaluated the listings with regard to the nature of potential chemicals of concern and the extent of known releases. In general, reported or potential releases likely to affect a property would include those located on or within a 1/8-mile radius of the subject property. ESA also considered additional factors such as chemical properties, regional knowledge of the site vicinity, groundwater flow direction, and available past regulatory documentation as part of the REC evaluation.

#### **4.2 Results of Regulatory Records Search**

The records search identified 45 listings within the subject property or within the ASTM-specified search radius in the surrounding area. However, many of the listings are duplicate listings for the same facility, or for construction projects or operating facilities that have no records of spills or releases, or for sites that are not upgradient of the subject property and would not be able to adversely affect the subject property. Facilities with no listings for spills or releases are not considered further because they have no records of adversely affecting the subject property. In addition, there are eight listings associated with the nearby West Napa Fault, which would not contribute to RECs. The remaining four onsite listings and four offsite listings with the potential to have affected the subject property are discussed below.

The site locations are shown on maps with the Government Records Report in Appendix A. In addition, to augment the regulatory records search, the State Water Resources Control Board (SWRCB) GeoTracker and California Department of Toxic Substances Control (DTSC) EnviroStor websites were accessed to review documents that describe the locations and status of sites with environmental issues.

## Listings within the Subject Property

**A1 through A4, A9, A10, B18, American Canyon Landfill** – The landfill is listed as a closed solid waste landfill that does not qualify for listing on the National Priorities List. In other words, the landfill does not have environmental issues that would result in a listing as a Superfund site since the landfill is not adversely affecting its surrounding area. The landfill operated from 1966 to 1995, and has an operating landfill gas collection system. The landfill gas is mostly methane and is used to generate electricity. The landfill is currently in compliance and no violations have been reported. The landfill is under an active monitoring program that inspects the cap for erosion, and monitors landfill gas, leachate, and groundwater (Aptim 2022). No issues or releases were noted for the most recent first semiannual 2022 monitoring event. **The closed landfill is considered a CREC because the buried waste and leachate would be considered hazardous, is controlled by the cap and leachate and landfill gas collection systems, and is subject to land use restrictions.**

**A6, American Canyon Public Works CS** – This listing is for the former sewage treatment facility previously at the Corporation Yard. **No violations are listed and this listing is not considered a REC.**

**A7, City of American Canyon Corporation Yard** – This listing is for the Corporation Yard, which is listed for permits for storage of hazardous materials, aboveground petroleum storage tanks, household hazardous waste collection, chemical storage facilities, and the generation and offsite disposal of hazardous waste. A few violations are recorded for records keeping, labeling and training, followed by returns to compliance. In 2008, 150 gallons of untreated sewage was released to an over flow pond from a slow leaking valve. This would be associated with the existing lift station that pumps sewage from the City to the existing sewage treatment facility located north of the subject property. The leak was repaired, all spilled material was recovered, and none of the spilled material reached any surface water bodies or storm drains. No other spills or releases are listed. **The 2008 release of sewage is considered an HREC.**

## Listings Outside of the Subject Property

**A5, A8, A11, A15, American Canyon Wastewater Treatment Facility** – This listing is for the current city wastewater treatment facility, located just north of the subject property (see Figure 1). The treatment facility has several active permits to treat wastewater and to provide recycled water back to the City. The facility has had a number of violations, mostly due to reporting. The facility had one violation that occurred in 2014 when 10,000 gallons of untreated sewage were released to the Napa River due to a valve that was erroneously left open. The spilled sewage could not be recovered. The spill materials flowed down river to San Francisco Bay and will have degraded



given the passage of time. **This incident is considered an HREC that is no longer able to affect the subject property.**

**19, American Canyon Middle School** – This listing is for a sewage leak that occurred adjacent to this school, located about 370 feet from the eastern border of the subject property. In 2012, a private sewer lateral was vandalized and leaked an unknown volume of sewage into the Rio Del Mar Channel that flows along the north side of the school and may have flowed into the wetlands of the subject property. The lateral was repaired. The spilled sewage was not be recovered. The spill materials flowed into the wetlands of the subject property and will have degraded given the passage of time. **This incident is considered an HREC that is no longer able to affect the subject property.**

**21 and C24, Western Wine Services** – This listing is for a wine and spirits distributor located adjacent and north of the current wastewater treatment facility. The listings are for operating permits and for a 2009 semi-truck fire that caused the spill. The substance and volume of the spill were not cited; it is assumed to have been wine and/or spirits. The liquid flowed to a private storm drain; it is not known where the drain leads to, if anywhere. The fluids were not recovered. Given the location, the fluids may have flowed into the wetlands of the subject property. However, given the likely organic nature of the fluids and the passage of time, the fluids would have degraded by now. **This incident is considered an HREC that is no longer able to affect the subject property.**

**C25, Hess Collection Winery** – This listing is for a wine and brandy warehouse located about 1,000 feet east of the northern portion of the subject property. The listings are for operating permits and for a 2004 leak from a sewer cleanout that is about 500 feet from a creek. The listing did not identify the volume or whether it reached the creek. It is assumed that the leak was stopped in 2004. Given the location, the fluids may have flowed into the wetlands of the subject property. However, given the likely organic nature of the fluids and the passage of time, the fluids would have degraded by now. **This incident is considered an HREC that is no longer able to affect the subject property.**

In summary, none of the above-summarized listings qualify as a REC. The closed landfill is considered a CREC because the buried waste is in a controlled capped setting that may not be disturbed. Several listings are for HRECs for past spill events that are considered unlikely to affect the subject property.

## Orphan Sites

Sites not plotted due to poor or inadequate address information are referred to as “orphan sites” or “unmappable properties.” The records search identified seven listings for orphan sites. However, examination of the partial location information indicates that the orphan sites are either not on or near the subject property, are too far away to be able to be able to affect the subject property, or have listings that are for operating permits with no listing of a spill or release.

## 4.3 Other Records Reviewed

The regulatory agency records search also provides historical aerial photographs and historical topographic maps. Fire insurance maps and city directories were not ordered because such records would not be produced for a rural property. The search results are discussed below.

### Historical Aerial Photographs

Historical aerial photographs are available for the years 1937, 1948, 1957, 1958, 1965, 1968, 1970, 1972, 1973, 1975, 1982, 1983, 1988, 1989, 1993, 1996, 1998, 2005, 2009, 2010, 2012, 2014, 2016, 2018, and 2020, and are included in Appendix B. The red box on the aerial photographs outlines the subject property.

The **1937 aerial photograph** shows most of the subject property to be predominantly undeveloped wetlands. Some portions of the northern and eastern areas have parallel lineations suggestive of row crop farming or hay harvesting. As stated by a former resident, some farming and ranching occurred in this area (see Section 6.0, *User-Provided Information*). Several linear features are visible, suggestive of trails or roads. Most of Wetlands Edge Road and Eucalyptus Drive are present in their current alignment. No structures are visible.

The **1948 aerial photograph** shows less farming or ranching activity and no other obvious changes. Residential development is visible east of the subject property.

The **1957 aerial photograph** shows possible farming activity in the southeast portion of the subject property. One small structure is present near the southwest corner of Wetlands Edge Road and Eucalyptus Drive. No other obvious changes are visible. Increased residential development is visible east of the subject property.

The **1958 aerial photograph** shows extensive farming activity in the northern and eastern portions of the subject property. One small structure is present near the southwest corner of Wetlands Edge Road and Eucalyptus Drive. No other obvious changes are visible.

The **1965 aerial photograph** shows the four sewage treatment ponds still visible today and located west of the not-yet-constructed Corporation Yard. Structures are present at the northeast corner of Eucalyptus Road and American Canyon Road that may be the initial location of the wastewater treatment plant. Extensive farming activity is visible in the northern and eastern portions of the subject property. Some construction is visible at the location of the American Canyon Landfill. No other obvious changes are visible.

The **1968 and 1970 aerial photographs** are of poor quality, making details difficult to see. The landfill appears to be in operation. Extensive farming activity is visible in the northern and eastern portions of the subject property. No other obvious changes are visible.

The **1972 and 1973 aerial photographs** show the four sewage treatment ponds and the former wastewater treatment plant that previously operated at the current Corporation Yard. It is unclear

whether farming is still occurring. The single overflow pond adjacent to the southwest corner of the treatment plant is visible.

The **1975 aerial photograph** shows a circular pond and ground grading in the northern portion of the subject property; the use is unknown.

The **1982 through 1996 aerial photographs** show the landfill active within the currently visible footprint. No farming activity is visible.

The **1998 aerial photograph** shows the landfill is no longer accepting waste and closure activities are underway. The landfill gas collection system is visible along the north side of the landfill.

The **2005 aerial photograph** shows the present-day wastewater treatment plant, which also means that the former wastewater treatment plant was no longer be operational. Note that the red outline on the aerial photographs incorrectly show the wastewater treatment plant as inside the subject property; it is actually adjacent and outside. The two circular northern ponds are visible are assumed to have been used to discharge treated wastewater (although no longer used as such). Residential development has been completed along the entire east side of Wetland Edge Road.

The **2009 through 2020 aerial photographs** show the subject property in its current configuration with the exception that the road that used to go from the Corporation Yard to the four former treated wastewater ponds had collapsed as of 2009. In addition, the aerial photographs during this time period indicate that the water levels in the wetland visibly change depending on rain events and the tide levels. For example, the 2010 aerial photograph was taken after heavy rains and/or high tides as most of the wetlands area are under water.

## Historical Topographic Maps

Historical topographic maps are available for the years 1916, 1942, 1949, 1951, 1968, 1981, 2012, 2015, 2018, and 2021, and are included in Appendix B. Note that the location of the present day residence on the subject property is identified with a red box.

In the **1916** topographic map shows the subject property as undeveloped wetlands. An unimproved road is depicted on the current alignment of Wetlands Edge Road with one structure shown at the southern end of the road. No other improvements are depicted on the subject property.

In the **1942** topographic map shows possible farming at the northern portion of the subject property. More detail of the natural and man-made sloughs are shown. No other improvements are depicted on the subject property.

In the **1949 and 1951** topographic maps show the unimproved Eucalyptus Drive extending toward the Napa River. No other improvements are shown.

In the **1968** topographic map shows the four treated wastewater discharge ponds in the southern portion of the subject property. No other improvements are shown.

In the **1981** topographic map shows an unimproved road extending from the east to the four treated wastewater discharge ponds in the southern portion of the subject property. No other improvements are shown.

The **2012 through 2020** topographic maps use a more recent format that shows much less detail. The subject property is shown as entirely wetlands. The current wastewater treatment plant is shown in the northern area in the 2021 topographic map.

## 4.4 Previous Phase I Environmental Site Assessment

The City provided a 2010 Phase I environmental site assessment of the subject property (Questa 2010). Almost all of the information in the previous Phase I assessment has been covered and updated in this Phase I assessment. In addition, the previous Phase I assessment provided interview information discussed in Section 6.0, *User-Provided Information*. Finally, the prior Phase I assessment added the following information:

- Prior to development of the area, the subject property was a poorly drained tidal marsh and seasonal wetlands along the main stem of the tidally influenced Napa River. This area was later diked, leveed, and drained, sometime between 1902 and 1914. The drained former wetlands were subsequently used for growing dry-farmed oat hay and for sheep and cattle grazing.
- Fire insurance maps were not prepared for this rural property.
- An environmental lien search indicated there were no environmental liens or land use limitations associated with the subject property.

## 4.5 Physical Setting

The following sections provide information about the physical setting of the subject property. Geotechnical information is not a required element of ASTM E2247-16 Phase I assessments and is not included in this Phase I assessment.

**Topography.** Elevations at the subject property range from 0 feet above mean sea level next to the Napa River to 20 feet above mean sea level at the intersection of Wetlands Edge Road and Eucalyptus Drive. The subject property gently slopes to the west.

**Geology, Soils, and Hydrology.** The surface geology consists of Holocene estuary deposits consisting of soft sediments deposited in a tidal marsh and river estuary. The sediments consist of silt, clay, fine sand, and organic matter. Note that the landfill and the Corporation Yard have imported fill (both sites) or municipal waste (the landfill).

**Flood Hazard.** FEMA has designated the subject property as entirely within the 100-year flood zone, which means the area has a 1 percent chance of being flooded in any given year.



## **SECTION 5.0**

---

### **Site Reconnaissance**

#### **5.1 Methodology and Limiting Conditions**

Michael Burns, PG, CEG, CHG, from ESA conducted the site reconnaissance on June 2 and July 1, 2022, to assess existing conditions. Access to the subject property was provided by the City. The corporation yard and adjacent wetlands portion of the subject property is located along the west side of Wetlands Edge Road, which provides access. The closed landfill portion of the subject property is located in the northern portion of the subject property with access from Eucalyptus Drive. Weather at the time of each site reconnaissance was sunny. The site conditions discussed below are limited to readily apparent environmental conditions observed. Items of interest are shown on Figure 1, *Subject Property*, and Figure 2, *Corporation Yard*.

#### **5.2 General Site Setting**

The subject property consists mostly of wetlands with the City's maintenance yard (referred to as the Corporation Yard) along the eastern border, a closed landfill in the northern area, and seven former sewage treatment ponds in various locations. The surrounding area is residential to the east, commercial to the north, wetlands to the south, and the Napa River to the west. The observed conditions, along with photographs, are described below, and are organized by areas and subareas.

#### **5.3 Site Observations**

##### **Corporation Yard**

The observations for the Corporation Yard are discussed in the following subsections subdivided by structures or subareas. Overall, the Corporation Yard includes one main office with workshops, two former sewage treatment plant buildings, landscaping workshops with equipment and materials, two above-ground fuel storage tanks (ASTs), and various smaller structures, and equipment and materials in various locations. The Corporation Yard serves as the City's maintenance facility that maintains City infrastructure and landscaping. Photographs showing the overall area are provided on the next page.



## Main Office and Workshops

The Main Office and Workshops consist of one two-story masonry building with workshops on the ground floor and offices on the second floor. The photographs below and on the next page show some of the ground floor workshop areas with equipment and tools, materials, and storage space for a forklift. One closed 50-gallon drum and several closed 5-gallon buckets of used batteries were observed; the containers were closed and no staining was observed around the containers. A few small containers of paint and lubricating oil were observed. Occasional small areas of stained floor and faint oil odor were noted but are considered a *de minimus* condition because the staining was not extensive and no liquid spills were observed.









The second story consists of offices with small containers of office cleaning supplies (e.g. toilet bowl cleaner). In addition, a large binder contains the Safety Data Sheets for the chemicals used by the City maintenance operations and stored in various locations throughout the Corporation Yard. The chemicals include fuels (gasoline and diesel), motor and equipment lubricating oils and antifreeze, solvents and cleaners, paints and thinners, glues and adhesives, insecticides (Roundup, DEET [N,N-Diethyl-meta-toluamide]), herbicides (brand names include Ronstar, Karmax, Telar DF, Pendulum WDG, Turflong Ester), water disinfectants (chlorine tablets and bleach), lead-acid batteries, concrete, and asphalt.



## Landscaping Workshops

The landscaping workshops consist of five mobile storage containers with two awnings between the storage containers and one roof awning attached to the southern container to provide more storage. This combined area stores landscaping and paving equipment and materials, along with workshop areas for equipment maintenance. Stored chemicals include fuel, oil, pesticides, and herbicides. No spillage, stained soil or concrete pads, or odors of fuels, pesticides, or herbicides were noted. Photographs showing the overall area and interior areas are provided below and on the next page.







## Former Sewage Treatment Plant Structures

The subject property was previously an operating wastewater treatment plant from July 26, 1965, to March 15, 2002 (see Section 6.0, *User-Provided Information*). Some of the plant structures are still present including two buildings, subsurface pits, and piping. The larger building shown below (see Figure 2) is an active lift station that pumps sewage to the current wastewater treatment plant north of the subject property (see Figure 1). No spillage or unusual odors were noted.





### Above-Ground Fuel Storage Tanks

Three onsite above-ground fuel ASTs include one combined 250-gallon gasoline and 250-gallon diesel AST and a 500-gallon diesel AST. All are inside secondary containment and on concrete pads, as shown in the photographs below. No spillage, stained soil or concrete pads, or fuel odors were noted.



## Miscellaneous Materials Area

The miscellaneous materials area stores miscellaneous materials including pallets, plastic guard rails, vehicles and equipment, a weed mower, and other miscellaneous items. No areas of stained soil, spills, or unusual odors were noted. Photographs showing the overall area are provided below.





## Roll-Off Bins and Miscellaneous Materials Area

Six roll-off bins, and miscellaneous equipment and materials are stored in the northwest portion of the Corporation Yard. The bins store discarded metal and concrete, or are empty. Several piles of asphalt chunks and soil are present. No chemical containers or areas of stained soil, spills, or unusual odors were noted. Photographs showing the overall area are provided on the next page.



## Hazardous Waste Storage Shed

Hazardous waste is consolidated and stored in closed drums and buckets inside a locked metal shed that sits on a concrete secondary containment structure, as shown in the photographs below. The stored hazardous waste includes used motor oil, used oil filters, spent paint and paint thinner, and cleaning solvents. One of the containers of used motor oil had leaked; however, the spill is entirely contained inside the secondary containment. Electronic waste (e.g., dead computer monitors, radios, and a microwave oven) is stored on the south side of the shed. Outside of the storage shed, no areas of stained soil, spills, or unusual odors were noted.





## Sand and Asphalt Supplies

Sand and asphalt are stored in concrete structures as shown in the photographs below. The asphalt storage bin does not have staining extending much beyond its entrance.



## Remaining Corporation Yard Areas

The remaining area has trucks, equipment, piles of materials, and park furniture stored in various locations. No areas of stained soil, spills, or unusual odors were noted.

## Closed American Canyon Landfill

The photographs below are of the closed American Canyon Sanitary Landfill, located along the western portion of the subject property, as shown on Figure 1. The landfill is entirely capped with soil and vegetation, closed off from the public, and largely featureless. A landfill gas collection system is located along the north side of the landfill, which is also closed off from the public. The Bay Trail circles the entire landfill. No eroded areas, stained soil, stressed vegetation, unusual odors, or chemical containers were noted.





## Former Treatment Ponds - North

The two ponds in the northern portion of the subject property appear to be former treated wastewater discharge ponds associated with the existing wastewater treatment plant just north of the subject property. The ponds were constructed at the same time as the treatment plant sometime at or just before 2005, and are assumed to have used for the discharge of treated wastewater for some period of time. However, the 2005 aerial photograph shows the present-day public trail from Eucalyptus Drive to the ponds. It is unclear how long or even if the ponds were used for the discharge of treated wastewater. In any case, the ponds are currently natural habitat with algae covering the majority of water surface, as shown in the photographs below. No spills, stained soil, stressed vegetation, or unusual odors were noted.



## Former Overflow Pond - Southeast

As previously discussed, the Corporation Yard was previously a wastewater treatment plant. A former overflow discharge pond is present next to the southwest corner of the Corporation Yard, as shown on Figures 1 and 2. As shown in the photographs below, the pond has not been used since before 2005 and appears to have a thin cover of dried sewage sludge. No spills, stained soil, stressed vegetation, unusual odors, or chemical containers were noted. Note that dried sludge is mostly dried organic matter and grit, and is not considered a hazardous material.





## Former Treatment Ponds - Southwest

Four former treated wastewater discharge ponds associated with the former wastewater treatment plant at the Corporation Yard are located west of the Corporation Yard, as shown on Figure 1. The discharge ponds have not been use since 2005, and have reverted to wetland habitat, as shown in the photographs below. A few pieces of pipe remain on the shore areas on the east side of the former discharge ponds. No spills, stained soil, stressed vegetation, unusual odors, or chemical containers were noted.



## Wetlands

The photographs below show various views of the wetlands area. No chemical containers, stained soil, stressed vegetation, unusual odors, or chemical containers were noted.



## 5.4 Results of Site Reconnaissance

Hazardous materials and hazardous waste are stored and used at the Corporation Yard. All of the materials are properly stored in containers, locked in sheds and cabinets, and within secondary containment. Minor floor stains and one small contained spill inside secondary containment were observed but are considered a *de minimus* condition because the extents are small and contained. The Corporation Yard no longer receives and recycles used motor oil from the public. The aboveground storage tanks are within secondary containment and no spills, leaks, or fuel odors were noted.

The closed American Canyon Landfill is entirely capped and vegetated. No areas of erosion or exposed waste were observed. The landfill is considered a CREC because it contains buried municipal waste that is in a controlled, sealed condition.

The former wastewater discharge ponds west of the Corporation Yard have reverted to wetland habitat. The wetland habitat areas did not have any observed chemical containers or tanks, chemical spills, stained soil, or stressed vegetation.

**In summary, no RECs or HRECs were observed relative to hazardous materials, hazardous waste, or chemical use, storage, or disposal. The landfill is considered a CREC because it contains buried municipal waste that is in a controlled, sealed condition.**

## SECTION 6.0

---

### User-Provided Information

Mr. Bob Dunn, the City Street Supervisor for the City of American Canyon, was interviewed on July 1, 2022, regarding the Corporation Yard. He has been with the City for 17-½ years. Mr. Dunn described site operations and history, which has been incorporated into this report. He also provided access to several areas. In addition, he noted the following:

- Some of the buildings and infrastructure from the former wastewater treatment plant are still present but are no longer used. However, one of the buildings houses an active lift station (see Figure 2) that pumps sewage from the City to the current wastewater treatment plant located north of the subject property (see Figure 1). After treatment, the existing wastewater treatment plant pumps recycled water to the Corporation Yard, which is available to residents of American Canyon for use.
- Although there are signs stating the Corporation Yard collects recycled motor oil from the public, this practice was discontinued some years ago.

In response to our email enquiry, Mr. David Miller from the City's Public Work Department stated that the current wastewater treatment plant was put into operation on March 15, 2002. The former wastewater treatment plant at the Corporation Yard began operation on July 26, 1965, and was decommissioned shortly after March 15, 2002.

The City provided a 2010 Phase I assessment that included the following interview information:

- Chuck Bowling, Site Manager for the American Canyon Landfill, provided information regarding the early history of the area and of the landfill. Mr. Bowling's family were early residents of this area and were ranchers on the property from the 1960's through the late 1980's. In addition, Mr. Bowling had been employed at the landfill since the mid-1980's. Mr. Bowling recounted the early ranching history of this area and described the landfill's operations, including collection and pumping of leachate to the wastewater treatment plant, and landfill gas (methane) recovery and reuse. Mr. Bowling did not recall any offsite landfill problems with the potential of impacting the adjacent wetlands and none were discussed in the landfill closure plan environmental impact report.
- Ms. Cheryl Braulik, American Canyon City Engineer and Mr. Mark Billings, City Inspector, were contacted for their knowledge of the site history, including previous wetlands restoration work. Both were involved with wetland restoration activities, with Mr. Billings as Project Inspector. Neither of them recalled any hazardous materials or hazardous wastes being uncovered or discovered during any of the earthwork associated with levee breaching and return of the diked farmlands to tidal flow. In addition, neither of them knew of any leaks or spills that could have entered the wetlands.



## SECTION 7.0

---

# Findings and Opinions

## 7.1 Findings and Opinions

The subject property were inspected on June 2 and July 1, 2022. The subject property consists of a wetlands area on the west side of the City of American Canyon that includes the now-closed American Canyon Landfill and the City's maintenance yard, referred to as the Corporation Yard. The following observations and conclusions apply to the site inspection:

- The closed American Canyon Landfill is entirely capped and vegetated. No areas of erosion or exposed waste were observed. **The landfill is considered a CREC because it contains buried municipal waste that is in a controlled, sealed condition, and may not be disturbed without authorization from the Regional Water Quality Control Board (RWQCB).**
- The Corporation Yard serves as the City's maintenance and landscaping facility, which stores and uses fuels and motor oils, antifreeze, pesticides, and herbicides. **No RECs, CRECs, or HRECs were observed relative to hazardous materials, hazardous waste, or chemical use, storage, or disposal.**
- The wetland areas did not have any observed chemical containers or tanks, chemical spills, stained soil, or stressed vegetation. **No RECs, CRECs, or HRECs were observed relative to hazardous materials, hazardous waste, or chemical use, storage, or disposal.**

A commercial government records database service searched relevant federal, State, and local regulatory agency lists for listings of the subject property, and for nearby properties within the appropriate ASTM 2247 standard search distances. In addition, regulatory agency websites were checked to provide additional information. The records search returned the following relevant listings with the following conclusions:

- **The search of regulatory records did not reveal any RECs that would adversely affect the subject property or prevent restoration activities.**
- **The closed American Canyon Landfill is considered a CREC because the buried waste and leachate in the landfill would be considered hazardous, is controlled by the cap and leachate and landfill gas collection systems, and is subject to land use restrictions that prohibit disturbing the buried waste.**

- **Five listings within or near the subject property are considered HREC that consist of historical spills of sewage or wine or spirits that are considered no longer be able to adversely affect the subject property or restoration activities.**

The City street supervisor, site manager for the American Canyon Landfill, City Engineer, and City Inspector were interviewed regarding the history of the subject property. **The results of the interviews are incorporated into this Phase I assessment and did not indicate any RECs, HRECs, or CRECs.**

## **7.2 Data Gaps**

ESA attempted to obtain reasonably ascertainable information regarding the subject property and the surrounding environs. There were no data gaps identified that could affect the identification of RECs, HRECs, or CRECs.

## SECTION 8.0

---

# Report Authors and Qualifications

### 8.1 Report Authors and Signatures

This section includes qualification statements of the environmental professionals responsible for conducting the Phase I assessment and preparing this report.

Mr. Michael Burns, PG, CEG, CHG, of ESA conducted the data review for the subject property, conducted the site reconnaissance, and prepared the Phase I environmental site assessment report. Mr. Burns has over 30 years of experience in environmental site investigations, characterizations, and assessments, including Phase I environmental site assessments.

The work conducted and the report written by Mr. Burns was reviewed by Mr. Luke Evans. Mr. Evans has over 20 years of experience in environmental site investigations, characterizations, and assessments, including Phase I Environmental Site Assessments.

Mr. Burns and Mr. Evans declare that, to the best of their professional knowledge and belief, they meets the definition of Environmental Professional as defined in 40 CFR §312.10. Mr. Burns has the specific qualifications based on education, training, and experience to assess a parcel of the nature, history, and setting of this parcel. With the assistance of Mr. Evans, he has developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Principal Analyst/Reviewer:

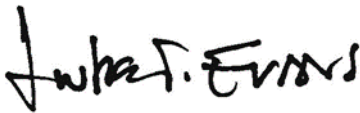


Michael G. Burns, PG #4532, CEG #1846, CHG #280

July 2022

---

Senior Reviewer:



Luke Evans, Program Manager

July 2022

---

## SECTION 9.0

---

### References

Aptim, 2022. *First Semiannual 2022 Monitoring Report, American Canyon Sanitary Landfill*. April 29.

ASTM. 2016. *E2247-16, Standard Practice for Environmental Site Assessments: Phase I Environmental Assessment Process for Forestland or Rural Property*. ASTM International.

Envirosite. 2022. *Government Records Report, American Canyon Wetlands Restoration*. May 26.

Questa Engineering, 2010. *Phase I Environmental Site, American Canyon Marsh, CalFed Restoration Wetlands*. August 15.





# **APPENDIX A**

---

## **Government Records Report**





## Government Records Report | 2022

Order Number: 72652

Report Generated: 05/26/2022

Project Name: American Canyon Wetlands  
Restoration

Project Number: D202101145

American Canyon Wetlands Restoration  
205 Wetlands Edge Rd  
American Canyon, CA 94503

---

2 Corporate Drive  
Suite 450  
Shelton, CT 06484  
Toll Free: 866-211-2028  
[www.envirositecorp.com](http://www.envirositecorp.com)



<b>Section</b>	<b>Page</b>
<u>Executive Summary</u> .....	<u>1</u>
<u>Executive Summary by Distance</u> .....	<u>2</u>
<u>Executive Summary by Database</u> .....	<u>4</u>
<u>Property Proximity Map</u> .....	<u>17</u>
<u>Area Map</u> .....	<u>18</u>
<u>Map Findings Summary</u> .....	<u>19</u>
<u>Map Findings</u> .....	<u>31</u>
<u>Unmappable Summary</u> .....	<u>287</u>
<u>Environmental Records Searched</u> .....	<u>288</u>
<u>Geological Landscape Section</u> .....	<u>325</u>
<u>Geological Landscape Section Soil Map</u> .....	<u>328</u>
<u>Geological Landscape Section Summary</u> .....	<u>329</u>
<u>Geological Findings Map</u> .....	<u>347</u>
<u>Geological Landscape Section Map Findings</u> .....	<u>348</u>
<u>Geological Landscape Section Map Findings Radon</u> .....	<u>403</u>
<u>Geological Landscape Records Searched</u> .....	<u>404</u>

### **Disclaimer - Copyright and Trademark Notice**

*All information contained in this report are based on data available from various public, government and other sources and are based upon the best data available from those sources. The information available in this report may be available from other sources and is not exclusive or the exclusive property of EnviroSite Corporation.*

*NO WARRANTY EXPRESSED OR IMPLIED, IS MADE IN CONNECTION WITH THIS REPORT, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALL RISK IS ASSUMED BY USER AND EnviroSite assumes no liability for faulty or inaccurate information. The Reports may utilize a variety of public and other sources reasonably available to EnviroSite. EnviroSite cannot, and does not assure, warrant, guarantee or assume any liability for the correctness, comprehensiveness, timeliness or completeness of any of such information, nor is the information in any Report to be construed as legal advice with respect to environmental risks associated with any property. EnviroSite shall not be liable to anyone for any claims, causes of action, suits, damages, losses, costs and expenses (including, without limitation, attorneys' fees and costs) arising out of or caused by this report regardless of the acts, errors or omissions, or negligence of EnviroSite. Any damages shall be limited to the purchase price of the report.*

*Purchaser of the report accepts the report "As Is". The report is intended only to provide information only and should not be considered as providing any legal advice, prediction, forecast, or fact as to the environmental risk for any specific property. Reports are proprietary to EnviroSite, and contain copyrighted material and trademarks of EnviroSite. All other trademarks used herein are the property of their respective owners. All rights of EnviroSite as to the Reports are reserved.*

Envirosite Corporation has conducted a search of all reasonably ascertainable records in accordance with EPA's AAI (40 CFR Part 312) requirements and the ASTM E-1527-21 Environmental Site Assessments standard.

**SUBJECT PROPERTY INFORMATION:**

**ADDRESS:**

American Canyon Wetlands Restoration  
205 Wetlands Edge Rd  
American Canyon, CA 94503

**COORDINATES:**

Latitude (North):	38.172516 - 38°10'21.1"
Longitude (West):	-122.277744 - -122°16'39.9"
Universal Transverse Mercator:	Zone 10N
UTM X (Meters):	563263.67
UTM Y (Meters):	4225202.75

**ELEVATION:**

Elevation:	6 ft. above sea level
------------	-----------------------

**USGS TOPOGRAPHIC MAP ASSOCIATED WITH SUBJECT PROPERTY:**

Subject Property Map: 38122-B3 Cuttings Wharf, CA  
Most Recent Revision: 2018

MAP ID	SITE NAME	ADDRESS	DATABASE(S)	RELATIVE ELEVATION	DIRECTION / DISTANCE
A1	AMERICAN CANYON SAN LDFL	END OF EUCALYPTUS DR	CERCLIS NFRAP, SEMS_8R_ARCHIVED SITES		SP
A2	AMERICAN CANYON SANITARY LANDFI...	END OF EUCALYPTUS DRIVE  ...	CALEPA SITES - CA, ECHO, EPA LF MOP, FA 2 -...		SP
A3	AMERICAN CANYON LANDFILL	WESTERN TERMINUS OF EUCAL...	CALEPA SITES - CA, FRS		SP
A4	GAS RECOVERY SYSTEMS, INC	LANDFILL, AMERICAN CANYON	CALEPA SITES - CA, FRS		SP
A5	AMERICAN CANYON WWTF   CITY OF ...	151 MEZZETTA COURT   151 ...	CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA,...		SP
A6	AMERICAN CANYON, PUBLIC WORKS ...	205 WETLANDS EDGE	CALEPA SITES - CA, CIWQS - CA, EMI - CA, FRS		SP
A7	CITY OF AMERICAN CANYON CORPORA...	205 WETLANDS EDGE ROAD	AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, E...		SP
A8	AMERICAN CANYON WATER RECLAMA...	151 MEZZETTA	CALEPA SITES - CA, CIWQS - CA, HAZNET - CA,...		SP
A9	NAPA-VALLEJO WASTE MANAGEMENT...	END EUCALYPTUS RD	AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI ...		SP
A10	AMERICAN CANYON LANDFILL	9999 END OF EUCALYPTUS RD	CIWQS - CA, NPDES - CA, RFR - CA		SP
A11	AMERICAN CANYON WWTF	151 MEZZETTA COURT &RF, 9...	ICIS, INACTIVE PCS, PCS ENF, PCS FACILITY		SP
A12	AT&T California - TC1B3	RT CORNER WETLANDS EDGE...	CALEPA SITES - CA		SP
A13	AMERICAN CANYON STORM WATER	N R	FRS		SP
A14	Napa River Pit	38.17379, -122.28385	MINES USGS		SP
A15	AMERICAN CANYON LANDFILL	N R	ECHO, FRS		SP
16	HIGHWAY 1107 NEW FEEDER AMERIC...	COMMERCE BOULEVARD	CALEPA SITES - CA, NPDES - CA	Higher	NE / 0.000 mi., 3 ft.
B17	NAPA JUNCTION ELEMENTARY SCHOO...	EUCALYPTUS DRIVE AND WETL...	CALEPA SITES - CA, CIWQS - CA, NPDES - CA, ...	Higher	NE / 0.005 mi., 24 ft.
B18	GAS RECOVERY SYSTEMS - AMERICAN...	725 EUCALYPTUS ROAD	BRS, ECHO, FRS, HAZNET - CA, HWG - CA, RC...	Higher	NE / 0.048 mi., 254 ft.
19	NVUSD- AMERICAN CANYON MIDDLE ...	300 BENTON WAY   300 BENT...	CHMIRS - CA, CIWQS - CA, ECHO, FRS, HAZNE...	Higher	ESE / 0.070 mi., 369 ft.
20	American Canyon Levee DS	1000 Ft S Of American Can...	SWF LF - CA	Lower	WSW / 0.090 mi., 477 ft.
21	WESTERN WINE SERVICES, INC.   WES...	125 MEZZETTA CT   125 Mez...	CALEPA SITES - CA, FRS, HAZNET - CA, HIST C...	Higher	N / 0.090 mi., 477 ft.
22	NAPA JUNCTION ELEMENTARY SCHOO...	N R	CALEPA SITES - CA, CIWQS - CA, CIWQS 2 - CA...	Higher	NE / 0.111 mi., 587 ft.
23	SDG Commerce 330 Warehouse   CO...	COMMERCE BOULEVARD NOR...	CALEPA SITES - CA, CIWQS - CA, NPDES - CA, ...	Higher	NNE / 0.142 mi., 752 ft.
C24	WESTERN WINE SERVICES	1155 COMMERCE	CALEPA SITES - CA, FRS	Higher	NNE / 0.171 mi., 904 ft.
C25	THE HESS COLLECTION WINERY AM C...	1166 COMMERCE BLVD   1166...	CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, H...	Higher	NNE / 0.189 mi., 1001...
D26	NVUSD - AMERICAN CANYON HIGH S...	3000 BENTON WAY	ECHO, FRS, HAZNET - CA, HWG - CA, MANIFES...	Higher	E / 0.193 mi., 1022 ft.
E27	WWF OPERATING CO.	110 B MEZZETTA COURT	ECHO, FRS, HAZNET - CA, HWG - CA, RCRA_N...	Higher	N / 0.202 mi., 1069 ft.
D28	CITY OF AMERICAN CANYON AQUATICS	100 BENTON WAY	CALEPA SITES - CA, FRS	Higher	E / 0.203 mi., 1075 ft.
29	BOB LINDSEY	40 MONTEREY DR	HAZNET - CA, HWG - CA	Higher	ENE / 0.213 mi., 1124 ft.
E30	GL MEZZETTA INC	105 MEZZETTA COURT	EMI - CA, HAZNET - CA, HWG - CA	Higher	N / 0.215 mi., 1134 ft.
31	PEARSON, CHARLES	242 LANDANA STREET	HAZNET - CA, HWG - CA	Higher	ENE / 0.233 mi., 1228 ft.
E32	GL MEZZETTA   CRYSTAL GEYSER WA...	105 MEZZETTA CT   105 MEZ...	CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, H...	Higher	N / 0.234 mi., 1235 ft.
33	BARRY CALLEBAUT   BARRY CALLEBA...	1175 COMMERCE BLVD STE ...	CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, H...	Higher	NNE / 0.240 mi., 1267...
34	West Napa fault	38.188699, -122.263799	SEISMIC - CA	N/R	NNE / 0.333 mi., 1756...
35	West Napa fault	38.183783, -122.258961	SEISMIC - CA	N/R	NE / 0.434 mi., 2294 ft.
36	West Napa fault	38.194855, -122.270409	SEISMIC - CA	N/R	NNE / 0.478 mi., 2526...
37	NAPA VALLEY CAST STONE   BREF2 1...	1111 GREEN ISLAND RD	CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - ...	Higher	N / 0.492 mi., 2598 ft.
38	POLYVINYL CHEMICAL INDUSTRIES, I...	501 GREEN ISLAND ROAD	CS_NAPA COUNTY - CA, ENVIROSTOR - CA, HI...	Higher	NNE / 0.564 mi., 2976...

<u>MAP ID</u>	<u>SITE NAME</u>	<u>ADDRESS</u>	<u>DATABASE(S)</u>	<u>RELATIVE ELEVATION</u>	<u>DIRECTION / DISTANCE</u>
<b>39</b>	COPARTS   SUNRISE AUTO INC   FORM...	1578 GREEN ISLAND RD	CIWQS - CA, CIWQS 2 - CA, CS_NAPA COUNTY...	Higher	N / 0.573 mi., 3028 ft.
<b>40</b>	West Napa fault	38.166546, -122.25141	SEISMIC - CA	N/R	ENE / 0.672 mi., 3550 ft.
<b>41</b>	West Napa fault	38.179393, -122.254949	SEISMIC - CA	N/R	ENE / 0.732 mi., 3865 ft.
<b>42</b>	West Napa fault	38.201236, -122.273872	SEISMIC - CA	N/R	N / 0.849 mi., 4485 ft.
<b>43</b>	NAPA JUNCTION ELEMENTARY SCHOO...	2 EUCALYPTUS DRIVE	CALEPA SITES - CA, CIWQS - CA, CS_NAPA CO...	Higher	ENE / 0.876 mi., 4628 ft.
<b>44</b>	West Napa fault	38.201949, -122.273337	SEISMIC - CA	N/R	N / 0.902 mi., 4766 ft.
<b>45</b>	West Napa fault	38.165879, -122.250932	SEISMIC - CA	N/R	ESE / 0.921 mi., 4864 ft.



**SUBJECT PROPERTY SEARCH RESULTS:**

The subject property was identified in the following records. For more information on this property, see Map Findings section on page 31.

<u>SITE</u>	<u>DATABASE(S)</u>	<u>EPA ID</u>
AMERICAN CANYON SAN LDFL END OF EUCALYPTUS DR NAPA JUNCTION, CA 94590	CERCLIS NFRAP, SEMS_8R_ARCHIVED SITES	CAD980637136
CERCLIS NFRAP - ID: CAD980637136	Status: NFRAP-Site does not qualify for the NPL based on existing information	Date: 1987-10-01
SEMS_8R_ARCHIVED SITES - ID: 0901876	Status: NFRAP-Site does not qualify for the NPL based on existing information	Date: N/A
AMERICAN CANYON SANITARY LANDFILL   AMERICAN CANYON LANDFILL   AMERICAN CANYON SLF END OF EUCALYPTUS DRIVE   WESTERN TERMINUS OF EUCALYPTUS DRIVE   WEST AMERICAN CANYON ROAD FOOT OF AMERICAN CANYON   Napa   American Canyon, CA	CALEPA SITES - CA, ECHO, EPA LF MOP, FA 2 - CA, FRS, SWF/LF - CA	N/R
EPA LF MOP - ID: 44	Status: Closed	Date: N/A
SWF/LF - CA - ID: SWIS Number 28-AA-0001 - ID: N/R	Status: Permitted Status: Operational Status Closed	Date: Permit Date N/R Date: N/R
AMERICAN CANYON LANDFILL WESTERN TERMINUS OF EUCALYPTUS NAPA, CA 94558	CALEPA SITES - CA, FRS	N/R
GAS RECOVERY SYSTEMS, INC LANDFILL, AMERICAN CANYON NAPA, CA 94558	CALEPA SITES - CA, FRS	N/R
AMERICAN CANYON WWTF   CITY OF AMERICAN CANYON WRF   AMERICAN CANYON WATER RECYCLING PROGRAM 151 MEZZETTA COURT   151 MEZZETTA CT   151 MESSETTA CT AMERICAN CANYON   American Canyon   SOLANO COUNTY, CA 94503	CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA_NONGEN, RFR - CA	N/R
RCRA_NONGEN - ID: CAL000448491	Status: No Violation/Inspections	Date: N/A
CIWQS 2 - CA - ID: Facility ID 205477 - ID: WDID 2 283021001 - ID: WDID 2 283021001 - ID: Facility ID 764886 - ID: WDID 2 283021003	Status: N/A Status: Active Status: Draft Status: N/A Status: Active	Date: N/A Date: 2022-01-07 Date: 2011-04-12 Date: N/A Date: 2022-02-03

<u>SITE</u>	<u>DATABASE(S)</u>	<u>EPA ID</u>
AMERICAN CANYON, PUBLIC WORKS CS   AMERICAN CANYONNA PUBLIC WORKS CS   CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE 205 WETLANDS EDGE AMERICAN CANYON, CA	CALEPA SITES - CA, CIWQS - CA, EMI - CA, FRS	N/R
CITY OF AMERICAN CANYON CORPORATION YARD   CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE   CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON   American Canyon, CA	AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA_NONGEN, RFR - CA, WDS - CA	N/R
RCRA_NONGEN - ID: CAL000286153	Status: No Violation/Inspections	Date: N/A
CIWQS 2 - CA - ID: Facility ID 630892 - ID: WDID N/R - ID: WDID 2SSO10091	Status: N/A Status: N/R Status: Active	Date: N/A Date: N/R Date: 2006-04-11
AMERICAN CANYON WATER RECLAMATION FACILITY (WRF) (FORMERLY WWTP)   CDM 151 MEZZETTA AMERICAN CANYON, CA 94503	CALEPA SITES - CA, CIWQS - CA, HAZNET - CA, HWG - CA	N/R
NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY END EUCALYPTUS RD NAPA, CA 94558	AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2	N/R
AMERICAN CANYON LANDFILL 9999 END OF EUCALYPTUS RD American Canyon   AMERICAN CANYON, CA 94503	CIWQS - CA, NPDES - CA, RFR - CA	N/R
AMERICAN CANYON WWTF 151 MEZZETTA COURT &RF, 9604 SOLANO COUNTY, CA 94503	ICIS, INACTIVE PCS, PCS ENF, PCS FACILITY	N/R
AT&T California - TC1B3 RT CORNER WETLANDS EDGE RD   WETLANDS EDGE RD & W AMERICAN CANYON RD VALLEJO   AMERICAN CANYON, CA	CALEPA SITES - CA	N/R
AMERICAN CANYON STORM WATER N/R CA	FRS	N/R
Napa River Pit 38.17379, -122.28385 CA	MINES USGS	N/R
AMERICAN CANYON LANDFILL N/R AMERICAN CANYON, CA 94503	ECHO, FRS	N/R

**SEARCH RESULTS:**

**FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS**

SLIC REG 2 - CA: List of Region 2 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database. **1 SITE FOUND WITHIN .5 MILE**

**EQUAL/HIGHER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
37	NAPA VALLEY CAST STONE   BREF2 1111 GREEN ISLAND LLC   HATCH AND KIRK	1111 GREEN ISLAND RD	N / 0.492 mi., 2598 ft.	239
	- ID: T10000012793	Status: Completed - Case Closed	Date: 2020-02-21	

**FEDERAL RCRA GENERATORS LIST**

RCRA\_NONGEN: Resource Conservation and Recovery Act listing of licensed non-generators **7 SITES FOUND WITHIN .25 MILE**

**EQUAL/HIGHER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
19	NVUSD- AMERICAN CANYON MIDDLE SCHOOL   AMERICAN CANYON MIDDLE SCHOOL	300 BENTON WAY   300 BENTON WAY (BEHIND)   300 BENTON WY	ESE / 0.070 mi., 369 ft.	158
	- ID: CAL000312267	Status: No Violation/Inspections	Date: N/A	
D26	NVUSD - AMERICAN CANYON HIGH SCHOOL	3000 BENTON WAY	E / 0.193 mi., 1022 ft.	183
	- ID: CAL000355296	Status: No Violation/Inspections	Date: N/A	
E27	WWF OPERATING CO.	110 B MEZZETTA COURT	N / 0.202 mi., 1069 ft.	188
	- ID: CAC003006631	Status: No Violation/Inspections	Date: N/A	
E32	GL MEZZETTA   CRYSTAL GEYSER WAREHOUSE   GL MEZZETTA PLANT ADDITION	105 MEZZETTA CT   105 MEZZETTA COURT   105 MEZZETTA CT STE 100	N / 0.234 mi., 1235 ft.	198
	- ID: CAL000145477	Status: No Violation/Inspections	Date: N/A	
33	BARRY CALLEBAUT   BARRY CALLEBAUT USA, LLC   GOLDEN STATE VINTNERS CORPORATION	1175 COMMERCE BLVD STE D   1175 COMMERCE BLVD   1175 COMMERCE BLVD D	NNE / 0.240 mi., 1267 ft.	213
	- ID: CAL000350300	Status: No Violation/Inspections	Date: N/A	

RCRA\_SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators **1 SITE FOUND WITHIN .25 MILE**

**EQUAL/HIGHER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
B18	GAS RECOVERY SYSTEMS - AMERICAN CANYON   GAS RECOVERY SYSTEMS LLC   AMERICAN CANYON POWER PLANT	725 EUCALYPTUS ROAD	NE / 0.048 mi., 254 ft.	150
	- ID: CAL000035673	Status: No Violation/Inspections	Date: N/A	

**STATE- AND TRIBAL - EQUIVALENT CERCLIS**

ENVIROSTOR - CA: Department of Toxic Substances Controls **3 SITES FOUND WITHIN 1 MILE**

**EQUAL/HIGHER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
38	POLYVINYL CHEMICAL INDUSTRIES, INC   PCI-NAPA - ID: 28510002	501 GREEN ISLAND ROAD Status: No Action Required	NNE / 0.564 mi., 2976 ft. Date: Cleanup Date 2008-06-05	265
39	COPARTS   SUNRISE AUTO INC   FORMER SUNSHINE AUTO SALVAGE - ID: 28500004	1578 GREEN ISLAND RD Status: Refer: RWQCB	N / 0.573 mi., 3028 ft. Date: Cleanup Date 2001-01-10	268
43	NAPA JUNCTION ELEMENTARY SCHOOL   PAINT BALL JUNGLE   COUCH PROPERTY - ID: 60002662	2 EUCALYPTUS DRIVE Status: No Further Action	ENE / 0.876 mi., 4628 ft. Date: Cleanup Date 2019-03-27	280

**STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS**

SWF/LF - CA: Solid Waste Information System's facility listing of solid waste facilities and landfills **2 SITES FOUND WITHIN .5 MILE**

**LOWER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
20	American Canyon Levee DS - ID: SWIS Number 28-CR-0004 - ID: N/R	1000 Ft S Of American Canyon Sif Status: Unpermitted Status: N/R	WSW / 0.090 mi., 477 ft. Date: Permit Date N/R Date: N/R	165

**STATE RCRA GENERATORS LIST**

HWG - CA: Hazardous waste generator listing **13 SITES FOUND WITHIN .25 MILE**

**EQUAL/HIGHER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
B18	GAS RECOVERY SYSTEMS - AMERICAN CANYON   GAS RECOVERY SYSTEMS LLC   AMERICAN CANYON POWER PLANT	725 EUCALYPTUS ROAD	NE / 0.048 mi., 254 ft.	150
19	NVUSD- AMERICAN CANYON MIDDLE SCHOOL   AMERICAN CANYON MIDDLE SCHOOL	300 BENTON WAY   300 BENTON WAY (BEHIND)   300 BENTON WY	ESE / 0.070 mi., 369 ft.	158
21	WESTERN WINE SERVICES, INC.   WESTERN WINE SERVICESNA INC.	125 MEZZETTA CT   125 Mezzetta Court	N / 0.090 mi., 477 ft.	166
D26	NVUSD - AMERICAN CANYON HIGH SCHOOL	3000 BENTON WAY	E / 0.193 mi., 1022 ft.	183
E27	WWF OPERATING CO.	110 B MEZZETTA COURT	N / 0.202 mi., 1069 ft.	188
29	BOB LINDSEY	40 MONTEREY DR	ENE / 0.213 mi., 1124 ft.	195
E30	GL MEZZETTA INC	105 MEZZETTA COURT	N / 0.215 mi., 1134 ft.	196
31	PEARSON, CHARLES	242 LANDANA STREET	ENE / 0.233 mi., 1228 ft.	197
E32	GL MEZZETTA   CRYSTAL GEYSER WAREHOUSE   GL MEZZETTA PLANT ADDITION	105 MEZZETTA CT   105 MEZZETTA COURT   105 MEZZETTA CT STE 100	N / 0.234 mi., 1235 ft.	198



**STATE RCRA GENERATORS LIST (cont.)**

HWG - CA: Hazardous waste generator listing **13 SITES FOUND WITHIN .25 MILE**

**EQUAL/HIGHER ELEVATION (cont.)**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
33	BARRY CALLEBAUT   BARRY CALLEBAUT USA, LLC   GOLDEN STATE VINTNERS CORPORATION	1175 COMMERCE BLVD STE D   1175 COMMERCE BLVD   1175 COMMERCE BLVD D	NNE / 0.240 mi., 1267 ft.	213

**OTHER ASCERTAINABLE RECORDS**

MANIFEST EPA: EPA Hazardous Waste Electronic Manifest System (e-Manifest) **5 SITES FOUND WITHIN .25 MILE**

**EQUAL/HIGHER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
19	NVUSD- AMERICAN CANYON MIDDLE SCHOOL   AMERICAN CANYON MIDDLE SCHOOL	300 BENTON WAY   300 BENTON WAY (BEHIND)   300 BENTON WY	ESE / 0.070 mi., 369 ft.	158
D26	NVUSD - AMERICAN CANYON HIGH SCHOOL	3000 BENTON WAY	E / 0.193 mi., 1022 ft.	183
33	BARRY CALLEBAUT   BARRY CALLEBAUT USA, LLC   GOLDEN STATE VINTNERS CORPORATION	1175 COMMERCE BLVD STE D   1175 COMMERCE BLVD   1175 COMMERCE BLVD D	NNE / 0.240 mi., 1267 ft.	213

CALEPA SITES - CA: CalEPA Regulated Sites from the Certified Unified Program Agencies (CUPA). **19 SITES FOUND WITHIN .25 MILE**

**EQUAL/HIGHER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
16	HIGHWAY 1107 NEW FEEDER AMERICAN CANYON	COMMERCE BOULEVARD	NE / 0.000 mi., 3 ft.	147
B17	NAPA JUNCTION ELEMENTARY SCHOOL   WETLANDS EDGE BAY TRAIN PHASE II	EUCALYPTUS DRIVE AND WETLANDS EDGE ROAD   EUCALYPTUS DR & WETLANDS EDGE RD	NE / 0.005 mi., 24 ft.	148
21	WESTERN WINE SERVICES, INC.   WESTERN WINE SERVICESNA INC.	125 MEZZETTA CT   125 Mezzetta Court	N / 0.090 mi., 477 ft.	166
22	NAPA JUNCTION ELEMENTARY SCHOOL PROJECT	N/R	NE / 0.111 mi., 587 ft.	169
23	SDG Commerce 330 Warehouse   COMMERCE BLVD PIPELINE PROJ	COMMERCE BOULEVARD NORTH OF EUCALYPTUS DRIVE	NNE / 0.142 mi., 752 ft.	171
C24	WESTERN WINE SERVICES	1155 COMMERCE	NNE / 0.171 mi., 904 ft.	173
C25	THE HESS COLLECTION WINERY AM CAN   HESS COLLECTION - AMERICAN CANYON	1166 COMMERCE BLVD   1166 Commerce Blvd. near Green Island Rd.	NNE / 0.189 mi., 1001 ft.	174
D28	CITY OF AMERICAN CANYON AQUATICS	100 BENTON WAY	E / 0.203 mi., 1075 ft.	194
E32	GL MEZZETTA   CRYSTAL GEYSER WAREHOUSE   GL MEZZETTA PLANT ADDITION	105 MEZZETTA CT   105 MEZZETTA COURT   105 MEZZETTA CT STE 100	N / 0.234 mi., 1235 ft.	198
33	BARRY CALLEBAUT   BARRY CALLEBAUT USA, LLC   GOLDEN STATE VINTNERS CORPORATION	1175 COMMERCE BLVD STE D   1175 COMMERCE BLVD   1175 COMMERCE BLVD D	NNE / 0.240 mi., 1267 ft.	213

**OTHER ASCERTAINABLE RECORDS (cont.)**

HAZNET - CA: Listing of hazardous waste manifests from when hazardous waste is transported from generators to permitted recycling treatment storage or disposal facilities by registered hazardous waste transporters **13 SITES FOUND WITHIN .25 MILE**

**EQUAL/HIGHER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
B18	GAS RECOVERY SYSTEMS - AMERICAN CANYON   GAS RECOVERY SYSTEMS LLC   AMERICAN CANYON POWER PLANT	725 EUCALYPTUS ROAD	NE / 0.048 mi., 254 ft.	150
19	NVUSD- AMERICAN CANYON MIDDLE SCHOOL   AMERICAN CANYON MIDDLE SCHOOL	300 BENTON WAY   300 BENTON WAY (BEHIND)   300 BENTON WY	ESE / 0.070 mi., 369 ft.	158
21	WESTERN WINE SERVICES, INC.   WESTERN WINE SERVICESNA INC.	125 MEZZETTA CT   125 Mezzetta Court	N / 0.090 mi., 477 ft.	166
D26	NVUSD - AMERICAN CANYON HIGH SCHOOL	3000 BENTON WAY	E / 0.193 mi., 1022 ft.	183
E27	WWF OPERATING CO.	110 B MEZZETTA COURT	N / 0.202 mi., 1069 ft.	188
29	BOB LINDSEY	40 MONTEREY DR	ENE / 0.213 mi., 1124 ft.	195
E30	GL MEZZETTA INC	105 MEZZETTA COURT	N / 0.215 mi., 1134 ft.	196
31	PEARSON, CHARLES	242 LANDANA STREET	ENE / 0.233 mi., 1228 ft.	197
E32	GL MEZZETTA   CRYSTAL GEYSER WAREHOUSE   GL MEZZETTA PLANT ADDITION	105 MEZZETTA CT   105 MEZZETTA COURT   105 MEZZETTA CT STE 100	N / 0.234 mi., 1235 ft.	198
33	BARRY CALLEBAUT   BARRY CALLEBAUT USA, LLC   GOLDEN STATE VINTNERS CORPORATION	1175 COMMERCE BLVD STE D   1175 COMMERCE BLVD   1175 COMMERCE BLVD D	NNE / 0.240 mi., 1267 ft.	213

HIST HAZNET - CA: List of hazardous waste manifests from when hazardous waste is transported from generators to permitted recycling treatment storage or disposal facilities by registered hazardous waste transporters that are no longer in current agency list. **1 SITE FOUND WITHIN .25 MILE**

**EQUAL/HIGHER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
21	WESTERN WINE SERVICES, INC.   WESTERN WINE SERVICESNA INC.	125 MEZZETTA CT   125 Mezzetta Court	N / 0.090 mi., 477 ft.	166

**OTHER**

SEISMIC - CA: Earthquake Zones of Required Investigation. Shows the location of both Seismic Hazard Zones and Earthquake Fault Zones **8 SITES FOUND WITHIN 1 MILE**

**EQUAL/HIGHER ELEVATION**

<u>MAP ID</u>	<u>SITE NAME</u>	<u>SITE ADDRESS</u>	<u>DIRECTION/DISTANCE</u>	<u>PAGE</u>
34	West Napa fault	38.188699, -122.263799	NNE / 0.333 mi., 1756 ft.	237
35	West Napa fault	38.183783, -122.258961	NE / 0.434 mi., 2294 ft.	238
36	West Napa fault	38.194855, -122.270409	NNE / 0.478 mi., 2526 ft.	238
40	West Napa fault	38.166546, -122.25141	ENE / 0.672 mi., 3550 ft.	278
41	West Napa fault	38.179393, -122.254949	ENE / 0.732 mi., 3865 ft.	278
42	West Napa fault	38.201236, -122.273872	N / 0.849 mi., 4485 ft.	279
44	West Napa fault	38.201949, -122.273337	N / 0.902 mi., 4766 ft.	285
45	West Napa fault	38.165879, -122.250932	ESE / 0.921 mi., 4864 ft.	286

Following sites were unable to be mapped.

<u>SITE NAME:</u>	<u>ADDRESS, CITY, ZIP:</u>	<u>DATABASE(S):</u>
American Canyon	N/R	MINES
American Canyon Storm Water	N/R	CIWQS - CA, CIWQS 2 - CA, NPDES - CA
LAKE BERRYESSA ESTATES ILLEGAL DISP...	EAST OF DEPUTY DRIVE ..., NOT APPLICABLE	ODI
Not Reported	WETLANDS EDGE RD, AMERICAN CANYON	CHMIRS - CA
RED ELEPHANT MINE	NW 1/4 SEC 3T11NR5W	HIST LDS - CA, LDS - CA
SITE IN AMERICAN CANYON	N/R, AMERICAN CANYON 94503	CIWQS - CA
VALLEJO OFFICE PARK	NORTH OF SERENO BETWEEN..., VALLEJO...	CERCLIS-HIST, SEMS_8R_ARCHIVED SITES

**DATABASE(S) WITH NO MAPPED SITES:**

**FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST**

ARCHIVED RCRA TSDF	Archived Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities
RCRA_TSDF	Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities

**FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS**

AST PBS	ASTs at Bulk Petroleum Terminals
EPA UST	EPA UST Finder database
FEMA UST	FEMA Underground Storage Tanks
HIST INDIAN UST R6	Historical Underground Storage Tanks on Indian Land in EPA Region 6
HIST INDIAN UST R7	Historical Underground Storage Tanks on Indian Land in EPA Region 7
INDIAN UST R1	Underground Storage Tanks on Indian Land in EPA Region 1
INDIAN UST R10	Underground Storage Tanks on Indian Land in EPA Region 10
INDIAN UST R2	Underground Storage Tanks on Indian Land in EPA Region 2
INDIAN UST R4	Underground Storage Tanks on Indian Land in EPA Region 4
INDIAN UST R5	Underground Storage Tanks on Indian Land in EPA Region 5
INDIAN UST R6	Underground Storage Tanks on Indian Land in EPA Region 6
INDIAN UST R7	Underground Storage Tanks on Indian Land in EPA Region 7
INDIAN UST R8	Underground Storage Tanks on Indian Land in EPA Region 8
INDIAN UST R9	Underground Storage Tanks on Indian Land in EPA Region 9
AST_KERN COUNTY - CA	Kern County Aboveground Storage Tanks Facilites
AST_ORANGE COUNTY - CA	Orange County Aboveground Storage Tanks
AST_PLACER COUNTY - CA	Placer County Aboveground Storage Tanks
AST_YOLO COUNTY - CA	Yolo County Above Ground Storage Tanks
CLOSED UST_VENTURA COUNTY - CA	Ventura County Closed Underground Storage Tanks
FID UST - CA	Facility Inventory Database
HIST UST - CA	Historical Underground Storage Tanks
HIST UST_EL SEGUNDO CITY - CA	Historical City of El Segundo Underground Storage Tanks
HIST UST_KERN COUNTY - CA	Historical Kern County Underground Storage Tanks
HIST UST_SUTTER COUNTY - CA	Historical Sutter County Underground Storage Tank List
TANKS_CONTRA COSTA COUNTY - CA	Contra Costa County Aboveground Storage Tanks
UST - CA	Underground Storage Tanks
UST_ALAMEDA COUNTY - CA	Alameda County Underground Storage Tanks
UST_CITY OF LONG BEACH - CA	City of Long Beach Underground Storage Tanks
UST_CITY OF TORRANCE - CA	City of Torrance Underground Storage Tanks
UST_EL SEGUNDO CITY - CA	City of El Segundo Underground Storage Tanks
UST_KERN COUNTY - CA	Kern County Underground Storage Tanks
UST_MARIN COUNTY - CA	Marin County Underground Storage Tanks
UST_MENDOCINO COUNTY - CA	Mendocino County Underground Storage Tanks
UST_NAPA COUNTY - CA	Underground storage tank sites located in Napa county.
UST_ORANGE COUNTY - CA	Orange County Underground Storage Tanks
UST_PLACER COUNTY - CA	Placer County Underground Storage Tanks
UST_RIVERSIDE COUNTY - CA	Riverside County Underground Storage Tanks
UST_SAN FRANCISCO COUNTY - CA	San Francisco County Underground Storage Tanks

**FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)**

UST\_SAN JOAQUIN COUNTY - CA San Joaquin County Underground Storage Tanks  
 UST\_SOLANO COUNTY - CA Solano County Underground Storage Tanks  
 UST\_SUTTER COUNTY - CA Sutter County Underground Storage Tanks  
 UST\_YOLO COUNTY - CA Yolo County Underground Storage Tanks

**FEDERAL CERCLIS LIST**

CERCLIS-HIST Comprehensive Environmental Response Compensation and Liability Act  
 EPA SAA EPA Superfund Alternative Approach  
 FEDERAL FACILITY Federal Facility sites  
 SEMS\_8R\_ACTIVE SITES Sites on SEMS Active Site Inventory

**FEDERAL RCRA CORRACTS FACILITIES LIST**

CORRACTS Hazardous Waste Corrective Action  
 HIST CORRACTS 2 Historical Hazardous Waste Corrective Action

**FEDERAL DELISTED NPL SITE LIST**

DELISTED NPL Delisted National Priority List  
 DELISTED PROPOSED NPL Delisted proposed National Priority List  
 SEMS\_DELETED NPL Sites Deleted from National Priorities List

**FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS**

EPA LUST EPA LUST  
 HIST INDIAN LUST R4 Historical Leaking Underground Storage Tanks on Indian Land in EPA Region 4  
 HIST INDIAN LUST R8 Historical Leaking Underground Storage Tanks on Indian Land in EPA Region 8  
 INDIAN LUST R1 Leaking Underground Storage Tanks on Indian Land in EPA Region 1  
 INDIAN LUST R10 Leaking Underground Storage Tanks on Indian Land in EPA Region 10  
 INDIAN LUST R2 Leaking Underground Storage Tanks on Indian Land in EPA Region 2  
 INDIAN LUST R4 Leaking Underground Storage Tanks on Indian Land in EPA Region 4  
 INDIAN LUST R5 Leaking Underground Storage Tanks on Indian Land in EPA Region 5  
 INDIAN LUST R6 Leaking Underground Storage Tanks on Indian Land in EPA Region 6  
 INDIAN LUST R7 Leaking Underground Storage Tanks on Indian Land in EPA Region 7  
 INDIAN LUST R8 Leaking Underground Storage Tanks on Indian Land in EPA Region 8  
 INDIAN LUST R9 Leaking Underground Storage Tanks on Indian Land in EPA Region 9  
 HIST LUST\_SONOMA COUNTY - CA Historical Sonoma County Leaking Underground Storage Tanks  
 LUFT\_ALAMEDA COUNTY - CA Alameda County Leaking Underground Fuel Tanks  
 LUST\_ORANGE COUNTY - CA Orange County Leaking Underground Storage Tanks  
 LUST REG 1 - CA Region 1 Leaking Underground Storage Tanks  
 LUST REG 2 - CA Region 2 Leaking Underground Storage Tanks  
 LUST REG 3 - CA Region 3 Leaking Underground Storage Tanks  
 LUST REG 4 - CA Region 4 Leaking Underground Storage Tanks  
 LUST REG 5 - CA Region 5 Leaking Underground Storage Tanks  
 LUST REG 6 - CA Region 6 Leaking Underground Storage Tanks  
 LUST REG 7 - CA Region 7 Leaking Underground Storage Tanks  
 LUST REG 8 - CA Region 8 Leaking Underground Storage Tanks  
 LUST REG 9 - CA Region 9 Leaking Underground Storage Tanks  
 LUST\_HAZMAT\_YOLO COUNTY - CA Yolo County Leaking Underground Storage tanks  
 LUST\_KERN COUNTY - CA Kern County leaking underground tank sites  
 LUST\_RIVERSIDE COUNTY - CA Riverside County Leaking Underground Storage Tanks  
 LUST\_SAN FRANCISCO COUNTY - CA listing of leaking underground storage tanks  
 LUST\_SAN MATEO COUNTY - CA San Mateo County Leaking Underground Storage Tanks  
 LUST\_SOLANO COUNTY - CA Solano County Leaking Underground Storage Tanks  
 LUST\_SONOMA COUNTY - CA Sonoma County Leaking Underground Storage Tanks  
 LUST\_SUTTER COUNTY - CA Sutter County Leaking Underground Storage Tanks  
 LUST\_VENTURA COUNTY - CA Ventura County Leaking Underground Storage Tanks  
 SLIC REG 1 - CA Spills Leaks Investigation & Cleanup Program  
 SLIC REG 3 - CA Spills Leaks Investigation & Cleanup Program  
 SLIC REG 4 - CA Spills Leaks Investigation & Cleanup Program



**FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)**

SLIC REG 5 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 6 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 7 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 8 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 9 - CA	Spills Leaks Investigation & Cleanup Program
SLIC_ALAMEDA COUNTY - CA	Alameda County Spills Leaks Investigation & Cleanup

**FEDERAL ERNS LIST**

ERNS	Emergency Response Notification System
------	--

**FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES**

FED E C	Engineering Controls
FED I C	Institutional Controls
RCRA IC_EC	RCRA sites with Institutional and Engineering Controls

**FEDERAL RCRA GENERATORS LIST**

HIST RCRA_CESQG	Historical Resource Conservation and Recovery Act_Conditionally Exempt Small Quantity Generators
HIST RCRA_LQG	Historical Resource Conservation and Recovery Act_Large Quantity Generators
HIST RCRA_NONGEN	Historical Resource Conservation and Recovery Act_Non Generators
HIST RCRA_SQG	Historical Resource Conservation and Recovery Act_Small Quantity Generators
RCRA_LQG	Resource Conservation and Recovery Act_Large Quantity Generators
RCRA_VSQG	Resource Conservation and Recovery Act_Very Small Quantity Generator

**FEDERAL NPL SITE LIST**

NPL	National Priority List
NPL EPA R1 GIS	GIS for EPA Region 1 NPL
NPL EPA R3 GIS	GIS for EPA Region 3 NPL
NPL EPA R6 GIS	GIS for EPA Region 6 NPL
NPL EPA R8 GIS	GIS for EPA Region 8 NPL
NPL EPA R9 GIS	GIS for EPA Region 9 NPL
PART NPL	Part National Priority List
PROPOSED NPL	Proposed National Priority List
SEMS_FINAL NPL	Sites included on the Final National Priorities List
SEMS_PROPOSED NPL	Sites Proposed to be Added to the National Priorities List

**STATE- AND TRIBAL - EQUIVALENT CERCLIS**

HIST TOXIC PITS - CA	Historical Toxic Pits Cleanup Act
OIL & GAS CLEANUP - CA	SWRCB Oil & Gas Cleanup Sites
SWRCB CLEANUP - CA	SWRCB Cleanup Program
SWRCB NON_CASE - CA	SWRCB Non-Case Sites
TOXIC PITS - CA	Toxic Pits Cleanup Act

**STATE- AND TRIBAL - EQUIVALENT NPL**

HIST RESPONSE - CA	Historical State Response Sites
RESPONSE - CA	State Response Sites

**STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS**

HIST SWF/LF - CA	Historical Solid Waste Information System
------------------	---

**STATE RCRA GENERATORS LIST**

HWG_YOLO COUNTY - CA	State Hazardous Waste Generators
----------------------	----------------------------------

**STATE AND TRIBAL BROWNFIELD SITES**

TRIBAL BROWNFIELDS	Tribal Brownfields
--------------------	--------------------

**STATE AND TRIBAL VOLUNTARY CLEANUP SITES**

VCP - CA	Voluntary Cleanup Program sites
----------	---------------------------------

**LOCAL BROWNFIELD LISTS**

BROWNFIELDS-ACRES EPA ACRES Brownfields  
 FED BROWNFIELDS Federal Brownfields

**LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES**

FED CDL DOJ Clandestine Drug Labs  
 US HIST CDL Historical Clandestine Drug Labs  
 CALARP\_KERN COUNTY - CA HazMat Chemical Facility List  
 CASE LIST\_SAN DIEGO COUNTY - CA San Diego County Environmental Case List  
 CDL - CA Meth and Clandestine Drug Labs  
 CORRECTIVE ACTION\_RIVERSIDE COUNTY - CA Riverside County Corrective Action Sites  
 CA  
 CS\_NAPA COUNTY - CA Contaminated Sites  
 CS\_PLACER COUNTY - CA Placer County Cleanup Sites  
 SCH - CA School Property Evaluation Program  
 SITE LIST\_CONTRA COSTA COUNTY - CA Contra Costa County Sites List  
 TOXIC SITE\_SACRAMENTO COUNTY - CA Sacramento County Toxic Site Cleanup list

**RECORDS OF EMERGENCY RELEASE REPORTS**

HMIRS (DOT) Hazardous Materials Information Reporting Systems  
 HIST CHMIRS - CA California Hazardous Material Incident Report System  
 INDUSTRIAL CLEANUP\_ORANGE COUNTY - CA Petroleum and non-petroleum industrial spills  
 SML\_LOS ANGELES COUNTY - CA Los Angeles County Emergency Response session spills

**LOCAL LAND RECORDS**

LIENS 2 CERCLA Lien Information  
 DEED - CA Deeds  
 HIST LIENS - CA Historical Liens  
 LIENS - CA Liens

**LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES**

HIST INDIAN ODI R8 Historical Open Dump Inventory  
 INDIAN ODI R8 Open Dump Inventory  
 ODI Open Dump Inventory  
 TRIBAL ODI Indian Open Dump Inventory Sites  
 HAULERS - CA Tire Haulers  
 LF\_SAN DIEGO COUNTY - CA San Diego County Landfills  
 SWF\_LOS ANGELES COUNTY - CA Los Angeles County solid waste facilities  
 SWRCY - CA Recyclers

**OTHER ASCERTAINABLE RECORDS**

ALT FUELING Alternative Fueling Stations  
 ARENAS ARENAS  
 ARENAS 2 ARENAS (additional)  
 BRS Biennial Reporting Systems  
 CDC HAZDAT Hazardous Substance Release and Health Effects Information  
 CHURCHES CHURCHES  
 COAL ASH DOE Coal Ash: Department of Energy  
 COAL ASH EPA Coal Ash: Environmental Protection Agency  
 COAL GAS Coal Gas Plants  
 COLLEGES COLLEGES  
 COLLEGES 2 COLLEGES 2  
 CONSENT (DECREES) Superfund Consent Decree  
 CORRECTIVE ACTIONS\_2020 Wastes - Hazardous Waste - Corrective Action  
 DEBRIS EPA LF EPA Disaster Debris Landfill Sites  
 DEBRIS EPA SWRCY EPA Disaster Debris Recovery Sites  
 DOD Department of Defense  
 DOT OPS Department of Transportation Office of Pipeline Safety  
 ENOI Electronic Notice of Intent  
 EPA FUELS EPA Fuels Registration, Reporting, and Compliance List

**OTHER ASCERTAINABLE RECORDS (cont.)**

EPA OSC	EPA On-Site Coordinator
EPA WATCH	EPA Watch List
FA HWF	Financial Assurance for Hazardous Waste Facilities
FEDLAND	Federal Lands
FTTS	FIFRA/TSCA Tracking System
FTTS INSP	FIFRA/TSCA Tracking System: Inspections
FUDS	Formerly Used Defense Sites
GOV MANSIONS	Governors Mansions
HIST AFS	Historical Air Facility Systems
HIST DOD	Department of Defense historical sites
HIST LEAD_SMELTER	Historical Lead Smelter Sites
HIST MLTS	Historical Material Licensing Tracking Systems
HIST PCB TRANS	Historical Polychlorinated Biphenyl (PCB) Facilities
HIST PCS ENF	Historical Enforced Permit Compliance Facilities
HIST PCS FACILITY	Historical Permit Compliance Facilities
HIST SSTS	Historical Section 7 Tracking Systems
HOSPITALS	HOSPITALS
HWC DOCKET	Hazardous Waste Compliance Docket
INDIAN RESERVATION	American Indian Lands
LUCIS	Land Use Control Information Systems
LUCIS 2	Land Use Control Information Systems 2
MINE OPERATIONS	Mines list from USGS
MINES	Mines
MLTS	Material Licensing Tracking Systems
NPL AOC	Areas related to NPL remediation sites
NPL LIENS	National Priority List Liens
NURSING HOMES	NURSING HOMES
OSHA	Occupational Safety & Health Administration
PADS	PCB Activity Database Systems
PCB TRANSFORMER	Polychlorinated Biphenyl (PCB) Waste
PFAS NPL	PFAS NPL Sites
PFAS TRIS	PFAS TRIS Sites
PFAS UCMR3	PFAS UCMR Samples
RAATS	RCRA Administrative Action Tracking Systems
RADINFO	Radiation Information Systems
RMP	Risk Management Plans
ROD	Record of Decision
SCHOOLS PRIVATE	SCHOOLS PRIVATE
SCHOOLS PUBLIC	SCHOOLS PUBLIC
SCRD DRYCLEANERS	SCRD Drycleaners
SEMS_SMELTER	Sites on SEMS Potential Smelter Activity
SSTS	Section 7 Tracking Systems
STORMWATER	Storm Water Permits
TOSCA-PLANT	Toxic Substance Control Act: Plants
TRIS	Toxic Release Inventory Systems
UMTRA	Uranium Mill Tailing Sites
VAPOR	EPA Vapor Intrusion
AOC_SAN GABRIEL VALLEY - CA	San Gabriel Valley Superfund
BOND EXPENDITURE PLAN - CA	Bond Expenditure Plan
BP HW OUT_VENTURA COUNTY - CA	Ventura County Business Plan Hazardous Waste Producers and Operating Underground Tanks
BUSINESS INVENTORY_SAN MATEO COUNTY - CA	San Mateo County List of Underground Storage Tanks, Hazardous Materials, Business Plans, and Hazardous Waste Generators
CORTESE - CA	The Hazardous Waste and Substances Sites List
CUPA_BUTTE COUNTY - CA	Butte County Certified Unified Program Agency
CUPA_FRESNO COUNTY - CA	Fresno County Certified Unified Program Agency
CUPA_PLACER COUNTY - CA	CUPA County Certified Unified Program Agency
DAYCARE - CA	Daycares

**OTHER ASCERTAINABLE RECORDS (cont.)**

DRYCLEANERS - CA	Drycleaners
DRYCLEANERS_AMADOR COUNTY - CA	Amador County Drycleaners
DRYCLEANERS_ ANTELOPE VALLEY - CA	Antelope Valley Drycleaners
DRYCLEANERS_ BAY AREA - CA	Bay Area Drycleaners
DRYCLEANERS_ BUTTE COUNTY - CA	Butte County Drycleaners
DRYCLEANERS_ CALAVERAS COUNTY - CA	Calaveras County Drycleaners
DRYCLEANERS_ COLUSA COUNTY - CA	Colusa County Drycleaners
DRYCLEANERS_ EASTERN KERN COUNTY - CA	Eastern Kern County Drycleaners
DRYCLEANERS_ EL DORADO COUNTY - CA	El Dorado County Drycleaners
DRYCLEANERS_ FEATHER RIVER - CA	Feather River Drycleaners
DRYCLEANERS_ GLENN COUNTY - CA	Glenn County Drycleaners
DRYCLEANERS_ GREAT BASIN UNIFIED - CA	Great Basin Unified Drycleaners
DRYCLEANERS_ IMPERIAL COUNTY - CA	Imperial County Drycleaners
DRYCLEANERS_ LAKE COUNTY - CA	Lake County Drycleaners
DRYCLEANERS_ LASSEN COUNTY - CA	Lassen County Drycleaners
DRYCLEANERS_ MENDOCINO COUNTY - CA	Mendocino County Drycleaners
DRYCLEANERS_ MOJAVE DESERT - CA	Mojave Desert Drycleaners
DRYCLEANERS_ MONTEREY BAY - CA	Monterey Bay Drycleaners
DRYCLEANERS_ NORTH COAST UNIFIED - CA	North Coast Unified Drycleaners
DRYCLEANERS_ NORTHERN SIERRA - CA	Northern Sierra Drycleaners
DRYCLEANERS_ NORTHERN SONOMA COUNTY - CA	Northern Sonoma County Drycleaners
DRYCLEANERS_ PLACER COUNTY - CA	Placer County Drycleaners
DRYCLEANERS_ SACRAMENTO COUNTY - CA	Sacramento County Drycleaners
DRYCLEANERS_ SAN DIEGO COUNTY - CA	San Diego County Drycleaners
DRYCLEANERS_ SAN JOAQUIN VALLEY - CA	San Joaquin Valley Drycleaners
DRYCLEANERS_ SAN LUIS OBISPO - CA	San Luis Obispo Drycleaners
DRYCLEANERS_ SANTA BARBARA COUNTY - CA	Santa Barbara Drycleaners
DRYCLEANERS_ SHASTA COUNTY - CA	Shasta County Drycleaner
DRYCLEANERS_ SISKIYOU COUNTY - CA	Siskiyou County Drycleaners
DRYCLEANERS_ SOUTH COAST - CA	South Coast Drycleaners
DRYCLEANERS_ TEHAMA COUNTY - CA	Tehama County Drycleaners
DRYCLEANERS_ TUOLUMNE COUNTY - CA	Tuolumne County Drycleaners
DRYCLEANERS_ VENTURA COUNTY - CA	Ventura County Drycleaners
DRYCLEANERS_ YOLO-SOLANO COUNTIES - CA	Yolo and Solano Counties Drycleaners
FA - CA	Financial Assurance
FIRE AREAS - CA	Fire Perimeters
GCC_SANTA CLARA VALLEY - CA	Santa Clara Valley Groundwater Contamination Cleanups
HAZMAT INCIDENT_CONTRA COSTA COUNTY - CA	Contra Costa County Hazardous Materials Incident list
HAZMAT_CITY OF SAN JOSE - CA	City of San Jose Hazardous Material Facilities
HAZMAT_SACRAMENTO COUNTY - CA	Sacramento County Master Hazardous Materials Facility list
HAZMAT_SAN BERNARDINO COUNTY - CA	San Bernardino County Hazardous Material Permits
HAZMAT_SAN DIEGO COUNTY - CA	Hazardous Materials Management Division Database
HAZMAT_SANTA CLARA COUNTY - CA	Santa Clara County Hazardous Material Facilities
HAZWASTE_ORANGE COUNTY - CA	Orange County hazardous waste facilities
HIGH FIRE - CA	Fire Hazard Severity Zones
HIST CORTESE - CA	The Historical Hazardous Waste and Substances Sites List
HIST HMS_LOS ANGELES COUNTY - CA	Historical Los Angeles County Street Number List
HIST HWP - CA	Historical EnviroStor Permitted Facilities
HIST LDS - CA	Historical Land Disposal Sites
HIST MCS - CA	Historical Military Cleanup Sites
HIST NFA - CA	Historical No Further Action Sites
HMS_LOS ANGELES COUNTY - CA	Los Angeles County Street Number List
HWM COMMERCIAL FACILITIES - CA	Hazardous Waste Management Commercial Facilities
HWP - CA	EnviroStor Permitted Facilities

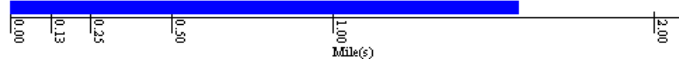
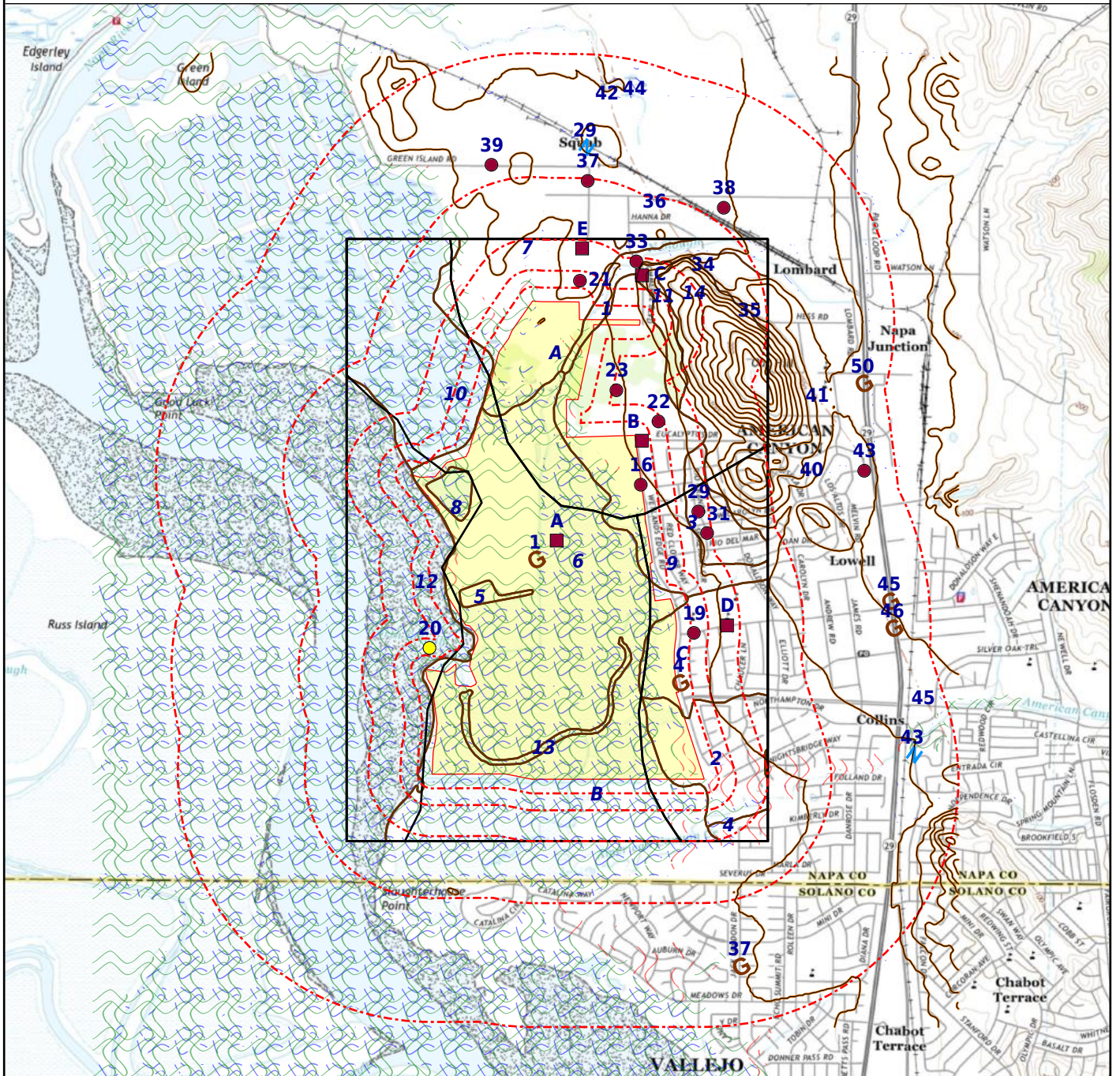


**OTHER ASCERTAINABLE RECORDS (cont.)**

HWT - CA	Hazardous Waste Transporters
LDS - CA	Land Disposal Sites
LOP_SANTA CLARA COUNTY - CA	Santa Clara County Local Oversight Program
MCS - CA	Military Cleanup Sites
MWMP - CA	Medical Waste Management Program
MWMP 2 - CA	Medical Waste Management Program
NFA - CA	No Further Action Sites
NFE - CA	Unconfirmed contaminated properties
PERCHLORATE 2 - CA	Perchlorate contaminated sites
PFAS - CA	PFAS Site Listing
PFAS DOD - CA	PFAS Site Listing
PFAS GAMA - CA	PFAS GAMA Well Sampling
PROPOSITION 65 - CA	Proposition 65 Records
SITES INVENTORY_VENTURA COUNTY - CA	Ventura County Inventory of Closed Illegal Abandoned and Inactive Sites
SMU_SANTA BARBARA COUNTY - CA	Site Mitigation Unit Sites
SWAT - CA	SWAT Reports Summary Data
VCCP_VENTURA COUNTY - CA	Ventura County County Cleanup Program
WILDLANDS - CA	Preserves List
WIP - CA	Well Investigation Program

SUBJECT NAME: American Canyon Wetlands Restoration  
 ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA,...  
 LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
 ORDER #: 72652  
 REPORT DATE: May 26, 2022

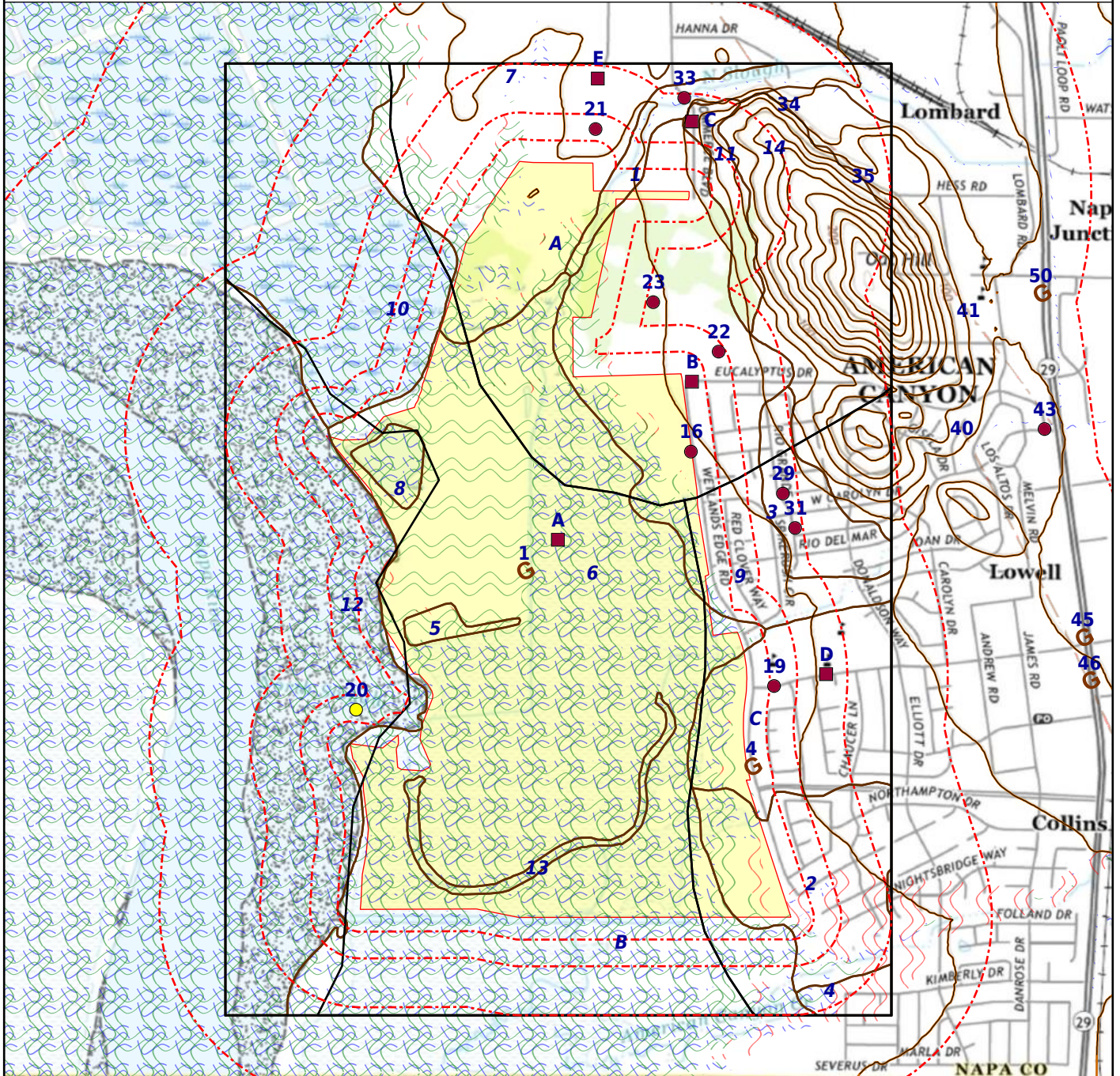


- |   |  |  |   |
|---|--|--|---|
| <ul style="list-style-type: none"> <li>+ Subject Property</li> <li>⚡ CDC HAZDAT (No Data)</li> <li>🇺🇸 Federal Lands (No Data)</li> <li>🔥 Fire Hazard Zone (No Data)</li> <li>🌊 NWI</li> </ul> | <ul style="list-style-type: none"> <li>● Equal/Higher Elevation</li> <li>🏘️ Department of Defense (No Data)</li> <li>🌊 FEMA FloodZone 100</li> <li>🌊 FEMA FloodZone 500 (No Data)</li> <li>🏘️ Historical DOD (No Data)</li> <li>■ Seismic</li> </ul> | <ul style="list-style-type: none"> <li>● Lower Elevation</li> <li>🌊 DFIRM Floodzone 100</li> <li>🌊 DFIRM Floodzone 500 (No Data)</li> <li>🌊 FEMA FloodZone 500 (No Data)</li> <li>🏘️ Indian Reservation (No Data)</li> </ul> | <ul style="list-style-type: none"> <li>✖ Area Of Concern (No Data)</li> <li>🌊 DFIRM Floodzone 500</li> <li>🔥 Fire Areas (No Data)</li> <li>🏘️ National Priority List (No Data)</li> </ul> |
|---|--|--|---|



SUBJECT NAME: American Canyon Wetlands Restoration  
 ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA,...  
 LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
 ORDER #: 72652  
 REPORT DATE: May 26, 2022



- |  |  |  |  |
|--|--|--|--|
| <ul style="list-style-type: none"> <li>✦ Subject Property</li> <li>⚡ CDC HAZDAT (No Data)</li> <li>🏠 Federal Lands (No Data)</li> <li>🔥 Fire Hazard Zone (No Data)</li> <li>🌊 NWI</li> </ul> | <ul style="list-style-type: none"> <li>● Equal/Higher Elevation</li> <li>🏢 Department of Defense (No Data)</li> <li>🌊 FEMA FloodZone 100</li> <li>🌊 Historical DOD (No Data)</li> <li>■ Seismic</li> </ul> | <ul style="list-style-type: none"> <li>● Lower Elevation</li> <li>🌊 DFIRM Floodzone 100</li> <li>🌊 FEMA FloodZone 500 (No Data)</li> <li>🏞 Indian Reservation (No Data)</li> </ul> | <ul style="list-style-type: none"> <li>✖ Area Of Concern (No Data)</li> <li>🌊 DFIRM Floodzone 500</li> <li>🔥 Fire Areas (No Data)</li> <li>🏠 National Priority List (No Data)</li> </ul> |
|--|--|--|--|

<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
-----------------	-------------------------	--------------------------------	----------------	------------------	------------------	----------------	--------------	---------------------

**FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST**

ARCHIVED RCRA TSD		0.500	0	0	0	--	--	0
RCRA_TSD		0.500	0	0	0	--	--	0

**FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS**

AST PBS		0.250	0	0	--	--	--	0
EPA UST		0.250	0	0	--	--	--	0
FEMA UST		0.250	0	0	--	--	--	0
HIST INDIAN UST R6		0.250	0	0	--	--	--	0
HIST INDIAN UST R7		0.250	0	0	--	--	--	0
INDIAN UST R1		0.250	0	0	--	--	--	0
INDIAN UST R10		0.250	0	0	--	--	--	0
INDIAN UST R2		0.250	0	0	--	--	--	0
INDIAN UST R4		0.250	0	0	--	--	--	0
INDIAN UST R5		0.250	0	0	--	--	--	0
INDIAN UST R6		0.250	0	0	--	--	--	0
INDIAN UST R7		0.250	0	0	--	--	--	0
INDIAN UST R8		0.250	0	0	--	--	--	0
INDIAN UST R9		0.250	0	0	--	--	--	0
AST - CA	X	0.250	0	0	--	--	--	1
AST_KERN COUNTY - CA		0.250	0	0	--	--	--	0
AST_ORANGE COUNTY - CA		0.250	0	0	--	--	--	0
AST_PLACER COUNTY - CA		0.250	0	0	--	--	--	0
AST_YOLO COUNTY - CA		0.250	0	0	--	--	--	0
CLOSED UST_VENTURA COUNTY - CA		0.250	0	0	--	--	--	0
FID UST - CA		0.250	0	0	--	--	--	0
HIST AST - CA	X	0.250	0	0	--	--	--	1
HIST UST - CA		0.250	0	0	--	--	--	0
HIST UST_EL SEGUNDO CITY - CA		0.250	0	0	--	--	--	0
HIST UST_KERN COUNTY - CA		0.250	0	0	--	--	--	0
HIST UST_SUTTER COUNTY - CA		0.250	0	0	--	--	--	0
TANKS_CONTRA COSTA COUNTY - CA		0.250	0	0	--	--	--	0
UST - CA		0.250	0	0	--	--	--	0
UST_ALAMEDA COUNTY - CA		0.250	0	0	--	--	--	0
UST_CITY OF LONG BEACH - CA		0.250	0	0	--	--	--	0
UST_CITY OF TORRANCE - CA		0.250	0	0	--	--	--	0
UST_EL SEGUNDO CITY - CA		0.250	0	0	--	--	--	0



<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
-----------------	-------------------------	--------------------------------	----------------	------------------	------------------	----------------	--------------	---------------------

**FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)**

UST_KERN COUNTY - CA		0.250	0	0	--	--	--	0
UST_MARIN COUNTY - CA		0.250	0	0	--	--	--	0
UST_MENDOCINO COUNTY - CA		0.250	0	0	--	--	--	0
UST_NAPA COUNTY - CA		0.250	0	0	--	--	--	0
UST_ORANGE COUNTY - CA		0.250	0	0	--	--	--	0
UST_PLACER COUNTY - CA		0.250	0	0	--	--	--	0
UST_RIVERSIDE COUNTY - CA		0.250	0	0	--	--	--	0
UST_SAN FRANCISCO COUNTY - CA		0.250	0	0	--	--	--	0
UST_SAN JOAQUIN COUNTY - CA		0.250	0	0	--	--	--	0
UST_SOLANO COUNTY - CA		0.250	0	0	--	--	--	0
UST_SUTTER COUNTY - CA		0.250	0	0	--	--	--	0
UST_YOLO COUNTY - CA		0.250	0	0	--	--	--	0

**FEDERAL CERCLIS LIST**

CERCLIS NFRAP	X	0.500	0	0	0	--	--	1
CERCLIS-HIST		0.500	0	0	0	--	--	0
EPA SAA		0.500	0	0	0	--	--	0
FEDERAL FACILITY		1.000	0	0	0	0	--	0
SEMS_8R_ACTIVE SITES		0.500	0	0	0	--	--	0
SEMS_8R_ARCHIVED SITES	X	0.500	0	0	0	--	--	1

**FEDERAL RCRA CORRACTS FACILITIES LIST**

CORRACTS		1.000	0	0	0	0	--	0
HIST CORRACTS 2		1.000	0	0	0	0	--	0

**FEDERAL DELISTED NPL SITE LIST**

DELISTED NPL		1.000	0	0	0	0	--	0
DELISTED PROPOSED NPL		1.000	0	0	0	0	--	0
SEMS_DELETED NPL		1.000	0	0	0	0	--	0

**FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS**

EPA LF MOP	X	0.500	0	0	0	--	--	1
------------	---	-------	---	---	---	----	----	---

**FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS**

EPA LUST		0.500	0	0	0	--	--	0
HIST INDIAN LUST R4		0.500	0	0	0	--	--	0
HIST INDIAN LUST R8		0.500	0	0	0	--	--	0
INDIAN LUST R1		0.500	0	0	0	--	--	0

<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
-----------------	-----------------------------	--	----------------	------------------	------------------	----------------	--------------	-------------------------

**FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)**

INDIAN LUST R10		0.500	0	0	0	--	--	0
INDIAN LUST R2		0.500	0	0	0	--	--	0
INDIAN LUST R4		0.500	0	0	0	--	--	0
INDIAN LUST R5		0.500	0	0	0	--	--	0
INDIAN LUST R6		0.500	0	0	0	--	--	0
INDIAN LUST R7		0.500	0	0	0	--	--	0
INDIAN LUST R8		0.500	0	0	0	--	--	0
INDIAN LUST R9		0.500	0	0	0	--	--	0
HIST LUST_SONOMA COUNTY - CA		0.500	0	0	0	--	--	0
LUFT_ALAMEDA COUNTY - CA		0.500	0	0	0	--	--	0
LUST ORANGE COUNTY - CA		0.500	0	0	0	--	--	0
LUST REG 1 - CA		0.500	0	0	0	--	--	0
LUST REG 2 - CA		0.500	0	0	0	--	--	0
LUST REG 3 - CA		0.500	0	0	0	--	--	0
LUST REG 4 - CA		0.500	0	0	0	--	--	0
LUST REG 5 - CA		0.500	0	0	0	--	--	0
LUST REG 6 - CA		0.500	0	0	0	--	--	0
LUST REG 7 - CA		0.500	0	0	0	--	--	0
LUST REG 8 - CA		0.500	0	0	0	--	--	0
LUST REG 9 - CA		0.500	0	0	0	--	--	0
LUST_HAZMAT_YOLO COUNTY - CA		0.500	0	0	0	--	--	0
LUST_KERN COUNTY - CA		0.500	0	0	0	--	--	0
LUST_RIVERSIDE COUNTY - CA		0.500	0	0	0	--	--	0
LUST_SAN FRANCISCO COUNTY - CA		0.500	0	0	0	--	--	0
LUST_SAN MATEO COUNTY - CA		0.500	0	0	0	--	--	0
LUST_SOLANO COUNTY - CA		0.500	0	0	0	--	--	0
LUST_SONOMA COUNTY - CA		0.500	0	0	0	--	--	0
LUST_SUTTER COUNTY - CA		0.500	0	0	0	--	--	0
LUST_VENTURA COUNTY - CA		0.500	0	0	0	--	--	0
SLIC REG 1 - CA		0.500	0	0	0	--	--	0
SLIC REG 2 - CA		0.500	0	0	1	--	--	1
SLIC REG 3 - CA		0.500	0	0	0	--	--	0
SLIC REG 4 - CA		0.500	0	0	0	--	--	0
SLIC REG 5 - CA		0.500	0	0	0	--	--	0
SLIC REG 6 - CA		0.500	0	0	0	--	--	0

<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
-----------------	-------------------------	--------------------------------	----------------	------------------	------------------	----------------	--------------	---------------------

**FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)**

SLIC REG 7 - CA		0.500	0	0	0	--	--	0
SLIC REG 8 - CA		0.500	0	0	0	--	--	0
SLIC REG 9 - CA		0.500	0	0	0	--	--	0
SLIC_ALAMEDA COUNTY - CA		0.500	0	0	0	--	--	0

**FEDERAL ERNS LIST**

ERNS		SP	0	--	--	--	--	0
------	--	----	---	----	----	----	----	---

**FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES**

FED E C		0.500	0	0	0	--	--	0
FED I C		0.500	0	0	0	--	--	0
RCRA IC_EC		0.250	0	0	--	--	--	0

**FEDERAL RCRA GENERATORS LIST**

HIST RCRA_CESQG		0.250	0	0	--	--	--	0
HIST RCRA_LQG		0.250	0	0	--	--	--	0
HIST RCRA_NONGEN		0.250	0	0	--	--	--	0
HIST RCRA_SQG		0.250	0	0	--	--	--	0
RCRA_LQG		0.250	0	0	--	--	--	0
RCRA_NONGEN	X	0.250	1	4	--	--	--	7
RCRA_SQG		0.250	1	0	--	--	--	1
RCRA_VSQG		0.250	0	0	--	--	--	0

**FEDERAL NPL SITE LIST**

NPL		1.000	0	0	0	0	--	0
NPL EPA R1 GIS		1.000	0	0	0	0	--	0
NPL EPA R3 GIS		1.000	0	0	0	0	--	0
NPL EPA R6 GIS		1.000	0	0	0	0	--	0
NPL EPA R8 GIS		1.000	0	0	0	0	--	0
NPL EPA R9 GIS		1.000	0	0	0	0	--	0
PART NPL		1.000	0	0	0	0	--	0
PROPOSED NPL		1.000	0	0	0	0	--	0
SEMS_FINAL NPL		1.000	0	0	0	0	--	0
SEMS_PROPOSED NPL		1.000	0	0	0	0	--	0

**STATE- AND TRIBAL - EQUIVALENT CERCLIS**

ENVIROSTOR - CA		1.000	0	0	0	3	--	3
HIST TOXIC PITS - CA		1.000	0	0	0	0	--	0
OIL & GAS CLEANUP - CA		0.500	0	0	0	--	--	0

<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
<b>STATE- AND TRIBAL - EQUIVALENT CERCLIS (cont.)</b>								
SWRCB CLEANUP - CA		0.500	0	0	0	--	--	0
SWRCB NON_CASE - CA		0.500	0	0	0	--	--	0
TOXIC PITS - CA		1.000	0	0	0	0	--	0
<b>STATE- AND TRIBAL - EQUIVALENT NPL</b>								
HIST RESPONSE - CA		1.000	0	0	0	0	--	0
RESPONSE - CA		1.000	0	0	0	0	--	0
<b>STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS</b>								
HIST SWF/LF - CA		0.500	0	0	0	--	--	0
SWF/LF - CA	X	0.500	1	0	0	--	--	2
<b>STATE RCRA GENERATORS LIST</b>								
HWG - CA	X	0.250	3	7	--	--	--	13
HWG_YOLO COUNTY - CA		0.250	0	0	--	--	--	0
<b>STATE AND TRIBAL BROWNFIELD SITES</b>								
TRIBAL BROWNFIELDS		0.500	0	0	0	--	--	0
<b>STATE AND TRIBAL VOLUNTARY CLEANUP SITES</b>								
VCP - CA		0.500	0	0	0	--	--	0
<b>LOCAL BROWNFIELD LISTS</b>								
BROWNFIELDS-ACRES		0.500	0	0	0	--	--	0
FED BROWNFIELDS		0.500	0	0	0	--	--	0
<b>LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES</b>								
FED CDL		SP	0	--	--	--	--	0
US HIST CDL		SP	0	--	--	--	--	0
CALARP_KERN COUNTY - CA		0.250	0	0	--	--	--	0
CASE LIST_SAN DIEGO COUNTY - CA		0.500	0	0	0	--	--	0
CDL - CA		SP	0	--	--	--	--	0
CORRECTIVE ACTION_RIVERSIDE COUNTY - CA		0.500	0	0	0	--	--	0
CS_NAPA COUNTY - CA		0.500	0	0	0	--	--	0
CS_PLACER COUNTY - CA		1.000	0	0	0	0	--	0
SCH - CA		0.250	0	0	--	--	--	0
SITE LIST_CONTRA COSTA COUNTY - CA		0.250	0	0	--	--	--	0



<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
-----------------	-------------------------	--------------------------------	----------------	------------------	------------------	----------------	--------------	---------------------

**LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES (cont.)**

TOXIC SITE_SACRAMENTO COUNTY - CA		1.000	0	0	0	0	--	0
-----------------------------------	--	-------	---	---	---	---	----	---

**RECORDS OF EMERGENCY RELEASE REPORTS**

HMIRS (DOT)		SP	0	--	--	--	--	0
CHMIRS - CA	X	SP	--	--	--	--	--	1
HIST CHMIRS - CA		SP	0	--	--	--	--	0
INDUSTRIAL CLEANUP_ORANGE COUNTY - CA		0.125	0	--	--	--	--	0
SML_LOS ANGELES COUNTY - CA		0.125	0	--	--	--	--	0

**LOCAL LAND RECORDS**

LIENS 2		SP	0	--	--	--	--	0
DEED - CA		0.500	0	0	0	--	--	0
HIST LIENS - CA		SP	0	--	--	--	--	0
LIENS - CA		SP	0	--	--	--	--	0

**LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES**

HIST INDIAN ODI R8		0.500	0	0	0	--	--	0
INDIAN ODI R8		0.500	0	0	0	--	--	0
ODI		0.500	0	0	0	--	--	0
TRIBAL ODI		0.500	0	0	0	--	--	0
HAULERS - CA		0.500	0	0	0	--	--	0
LF_SAN DIEGO COUNTY - CA		0.500	0	0	0	--	--	0
SWF_LOS ANGELES COUNTY - CA		0.500	0	0	0	--	--	0
SWRCY - CA		0.500	0	0	0	--	--	0

**OTHER ASCERTAINABLE RECORDS**

AFS	X	SP	--	--	--	--	--	1
ALT FUELING		0.250	0	0	--	--	--	0
ARENAS		SP	0	--	--	--	--	0
ARENAS 2		SP	0	--	--	--	--	0
BRS		SP	0	--	--	--	--	0
CDC HAZDAT		1.000	0	0	0	0	--	0
CHURCHES		SP	0	--	--	--	--	0
COAL ASH DOE		0.500	0	0	0	--	--	0
COAL ASH EPA		0.500	0	0	0	--	--	0
COAL GAS		1.000	0	0	0	0	--	0
COLLEGES		SP	0	--	--	--	--	0

<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
<b>OTHER ASCERTAINABLE RECORDS (cont.)</b>								
COLLEGES 2		SP	0	--	--	--	--	0
CONSENT (DECREES)		1.000	0	0	0	0	--	0
CORRECTIVE ACTIONS_2020		0.500	0	0	0	--	--	0
DEBRIS EPA LF		0.500	0	0	0	--	--	0
DEBRIS EPA SWRCY		0.500	0	0	0	--	--	0
DOD		1.000	0	0	0	0	--	0
DOT OPS		SP	0	--	--	--	--	0
ECHO	X	SP	--	--	--	--	--	5
ENOI		SP	0	--	--	--	--	0
EPA FUELS		SP	0	--	--	--	--	0
EPA OSC		0.125	0	--	--	--	--	0
EPA WATCH		SP	0	--	--	--	--	0
FA HWF		SP	0	--	--	--	--	0
FEDLAND		1.000	0	0	0	0	--	0
FRS	X	SP	--	--	--	--	--	9
FTTS		SP	0	--	--	--	--	0
FTTS INSP		SP	0	--	--	--	--	0
FUDS		1.000	0	0	0	0	--	0
GOV MANSIONS		SP	0	--	--	--	--	0
HIST AFS		SP	0	--	--	--	--	0
HIST AFS 2	X	SP	--	--	--	--	--	1
HIST DOD		1.000	0	0	0	0	--	0
HIST LEAD_SMELTER		SP	0	--	--	--	--	0
HIST MLTS		SP	0	--	--	--	--	0
HIST PCB TRANS		SP	0	--	--	--	--	0
HIST PCS ENF		SP	0	--	--	--	--	0
HIST PCS FACILITY		SP	0	--	--	--	--	0
HIST SSTS		SP	0	--	--	--	--	0
HOSPITALS		SP	0	--	--	--	--	0
HWC DOCKET		SP	0	--	--	--	--	0
ICIS	X	SP	--	--	--	--	--	2
INACTIVE PCS	X	SP	--	--	--	--	--	2
INDIAN RESERVATION		1.000	0	0	0	0	--	0
LUCIS		0.500	0	0	0	--	--	0
LUCIS 2		0.500	0	0	0	--	--	0
MANIFEST EPA	X	0.250	1	2	--	--	--	5

<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
<b>OTHER ASCERTAINABLE RECORDS (cont.)</b>								
MINE OPERATIONS		0.250	0	0	--	--	--	0
MINES		0.250	0	0	--	--	--	0
MINES USGS	X	0.250	0	0	--	--	--	1
MLTS		SP	0	--	--	--	--	0
NPL AOC		1.000	0	0	0	0	--	0
NPL LIENS		SP	0	--	--	--	--	0
NURSING HOMES		SP	0	--	--	--	--	0
OSHA		SP	0	--	--	--	--	0
PADS		SP	0	--	--	--	--	0
PCB TRANSFORMER		SP	0	--	--	--	--	0
PCS ENF	X	SP	--	--	--	--	--	2
PCS FACILITY	X	SP	--	--	--	--	--	2
PFAS NPL		0.500	0	0	0	--	--	0
PFAS TRIS		0.500	0	0	0	--	--	0
PFAS UCMR3		0.500	0	0	0	--	--	0
RAATS		SP	0	--	--	--	--	0
RADINFO		SP	0	--	--	--	--	0
RMP		0.250	0	0	--	--	--	0
ROD		1.000	0	0	0	0	--	0
SCHOOLS PRIVATE		SP	0	--	--	--	--	0
SCHOOLS PUBLIC		SP	0	--	--	--	--	0
SCRD DRYCLEANERS		0.250	0	0	--	--	--	0
SEMS_SMELTER		SP	0	--	--	--	--	0
SSTS		SP	0	--	--	--	--	0
STORMWATER		SP	0	--	--	--	--	0
TOSCA-PLANT		SP	0	--	--	--	--	0
TRIS		SP	0	--	--	--	--	0
UMTRA		0.500	0	0	0	--	--	0
VAPOR		0.500	0	0	0	--	--	0
AOC_SAN GABRIEL VALLEY - CA		1.000	0	0	0	0	--	0
BOND EXPENDITURE PLAN - CA		1.000	0	0	0	0	--	0
BP HW OUT_VENTURA COUNTY - CA		0.250	0	0	--	--	--	0
BUSINESS INVENTORY_SAN MATEO COUNTY - CA		0.250	0	0	--	--	--	0
CALEPA SITES - CA	X	0.250	4	6	--	--	--	19
CIWQS - CA	X	SP	--	--	--	--	--	4

<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
-----------------	-------------------------	--------------------------------	----------------	------------------	------------------	----------------	--------------	---------------------

**OTHER ASCERTAINABLE RECORDS (cont.)**

CIWQS 2 - CA	X	SP	--	--	--	--	--	2
CORTESE - CA		0.500	0	0	0	--	--	0
CUPA_BUTTE COUNTY - CA		0.250	0	0	--	--	--	0
CUPA_FRESNO COUNTY - CA		0.250	0	0	--	--	--	0
CUPA_PLACER COUNTY - CA		0.250	0	0	--	--	--	0
DAYCARE - CA		SP	0	--	--	--	--	0
DRYCLEANERS - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_AMADOR COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_ANTELOPE VALLEY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_BAY AREA - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_BUTTE COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_CALAVERAS COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_COLUSA COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_EASTERN KERN COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_EL DORADO COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_FEATHER RIVER - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_GLENN COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_GREAT BASIN UNIFIED - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_IMPERIAL COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_LAKE COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_LASSEN COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_MENDOCINO COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_MOJAVE DESERT - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_MONTEREY BAY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_NORTH COAST UNIFIED - CA		0.250	0	0	--	--	--	0



<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
<b>OTHER ASCERTAINABLE RECORDS (cont.)</b>								
DRYCLEANERS_NORTHERN SIERRA - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_NORTHERN SONOMA COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_PLACER COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SACRAMENTO COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SAN DIEGO COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SAN JOAQUIN VALLEY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SAN LUIS OBISPO - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SANTA BARBARA COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SHASTA COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SISKIYOU COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SOUTH COAST - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_TEHAMA COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_TUOLUMNE COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_VENTURA COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_YOLO-SOLANO COUNTIES - CA		0.250	0	0	--	--	--	0
EMI - CA	X	SP	--	--	--	--	--	4
FA - CA		SP	0	--	--	--	--	0
FA 2 - CA	X	SP	--	--	--	--	--	1
FIRE AREAS - CA		1.000	0	0	0	0	--	0
GCC_SANTA CLARA VALLEY - CA		0.500	0	0	0	--	--	0
HAZMAT_INCIDENT_CONTRA COSTA COUNTY - CA		0.250	0	0	--	--	--	0
HAZMAT_CITY OF SAN JOSE - CA		0.250	0	0	--	--	--	0
HAZMAT_SACRAMENTO COUNTY - CA		0.250	0	0	--	--	--	0
HAZMAT_SAN BERNARDINO COUNTY - CA		0.250	0	0	--	--	--	0
HAZMAT_SAN DIEGO COUNTY - CA		0.250	0	0	--	--	--	0

<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
<b>OTHER ASCERTAINABLE RECORDS (cont.)</b>								
HAZMAT_SANTA CLARA COUNTY - CA		0.250	0	0	--	--	--	0
HAZNET - CA	X	0.250	3	7	--	--	--	13
HAZWASTE_ORANGE COUNTY - CA		0.500	0	0	0	--	--	0
HIGH FIRE - CA		1.000	0	0	0	0	--	0
HIST CORTESE - CA		0.500	0	0	0	--	--	0
HIST HAZNET - CA		0.250	1	0	--	--	--	1
HIST HMS_LOS ANGELES COUNTY - CA		0.250	0	0	--	--	--	0
HIST HWP - CA		1.000	0	0	0	0	--	0
HIST LDS - CA		0.500	0	0	0	--	--	0
HIST MCS - CA		1.000	0	0	0	0	--	0
HIST NFA - CA		0.500	0	0	0	--	--	0
HMS_LOS ANGELES COUNTY - CA		0.250	0	0	--	--	--	0
HWM COMMERCIAL FACILITIES - CA		0.250	0	0	--	--	--	0
HWP - CA		1.000	0	0	0	0	--	0
HWT - CA		0.250	0	0	--	--	--	0
LDS - CA		0.500	0	0	0	--	--	0
LOP_SANTA CLARA COUNTY - CA		0.500	0	0	0	--	--	0
MCS - CA		1.000	0	0	0	0	--	0
MWMP - CA		0.250	0	0	--	--	--	0
MWMP 2 - CA		0.250	0	0	--	--	--	0
NFA - CA		0.500	0	0	0	--	--	0
NFE - CA		0.500	0	0	0	--	--	0
NPDES - CA	X	SP	--	--	--	--	--	2
PERCHLORATE 2 - CA		0.500	0	0	0	--	--	0
PFAS - CA		0.500	0	0	0	--	--	0
PFAS DOD - CA		0.500	0	0	0	--	--	0
PFAS GAMA - CA		0.500	0	0	0	--	--	0
PROPOSITION 65 - CA		1.000	0	0	0	0	--	0
RFR - CA	X	SP	--	--	--	--	--	3
SITES INVENTORY_VENTURA COUNTY - CA		1.000	0	0	0	0	--	0
SMU_SANTA BARBARA COUNTY - CA		1.000	0	0	0	0	--	0
SWAT - CA		SP	0	--	--	--	--	0
VCCP_VENTURA COUNTY - CA		0.500	0	0	0	--	--	0

<u>DATABASE</u>	<u>SUBJECT PROPERTY</u>	<u>SEARCH DISTANCE (MILES)</u>	<u>&lt;1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt;1</u>	<u>TOTAL MAPPED</u>
-----------------	-----------------------------	--	----------------	------------------	------------------	----------------	--------------	-------------------------

**OTHER ASCERTAINABLE RECORDS (cont.)**

WDS - CA	X	SP	--	--	--	--	--	1
WILDLANDS - CA		1.000	0	0	0	0	--	0
WIP - CA		0.250	0	0	--	--	--	0

**OTHER**

SEISMIC - CA		1.000	0	0	3	5	--	8
--------------	--	-------	---	---	---	---	----	---

Map Id: A1  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SAN LDFL  
 END OF EUCALYPTUS DR  
 NAPA JUNCTION, CA 94590

**Database(s) :** [CERCLIS NFRAP, SEMS\_8R\_ARCHIVED SITES]

**EnviroSite ID:** 222277  
**EPA ID:** CAD980637136

CERCLIS NFRAP

Facility Name : AMERICAN CANYON SAN LDFL  
 Facility Address : END OF EUCALYPTUS DR, NAPA JUNCTION, CA 94590  
 County : SOLANO

Site ID : 0901876  
 Epa ID : CAD980637136  
 Short Name : AMERICAN CANYON SAN LDFL  
 Congressional District : 02  
 IFMS ID : N/R  
 SMSA Number : 8720  
 USGC Hydro Unit : 18050002  
 Federal Facility : N  
 DMNSN Number : N/R  
 Site Orphan Flag : N  
 RCRA ID : N/R  
 USGS Quadrangle : N/R  
 Site Init by Prog : N/R  
 NFRAP Flag : NFA  
 Parent ID : N/R  
 RST Code : N/R  
 EPA Region : 09  
 Classification : N/R  
 Site Settings Code : N/R  
 NPL Status : Not on the NPL  
 DMNSN Unit Code : N/R  
 RBRAC Code : N/R  
 RResp Fed Agency Code : N/R  
 Non NPL Status : NFRAP-Site does not qualify for the NPL based on existing information  
 Non NPL Status Date : 1987-10-01  
 Site Fips Code : 06095  
 CC Concurrence Date : N/R  
 CC Concurrence FY : N/R  
 Alias EPA ID : N/R  
 Site FUDS Flag : N/R

CERCLIS Site Contact Name(s)

Contact ID : 13003854  
 Contact Title : Site Assessment Manager (SAM)

Contact ID : 13003858  
 Contact Title : Site Assessment Manager (SAM)

Contact ID : 13004003  
 Contact Title : Site Assessment Manager (SAM)

Alias Comments : N/R  
 Site Description : N/R



Map Id: A1  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SAN LDFL  
 END OF EUCALYPTUS DR  
 NAPA JUNCTION, CA 94590

**Database(s) :** [CERCLIS NFRAP, SEMS\_8R\_ARCHIVED SITES] **(cont.)**

**EnviroSite ID:** 222277  
**EPA ID:** CAD980637136

CERCLIS NFRAP **(cont.)**

CERCLIS Assessment History

Action Code : 001  
 Action : ARCHIVE SITE  
 Date Started : N/R  
 Date Completed : 1987-10-01  
 Priority Level : 1  
 Operational Unit : 00  
 Primary Responsibility : EPA In-House  
 Planning Status : N/R  
 Urgency Indicator : N/R  
 Action Anomaly : N/R

Action Code : 001  
 Action : PRELIMINARY ASSESSMENT  
 Date Started : N/R  
 Date Completed : 1987-10-01  
 Priority Level : 1  
 Operational Unit : 00  
 Primary Responsibility : EPA Fund-Financed  
 Planning Status : N/R  
 Urgency Indicator : N/R  
 Action Anomaly : N/R

Action Code : 001  
 Action : DISCOVERY  
 Date Started : N/R  
 Date Completed : 1981-06-01  
 Priority Level : 1  
 Operational Unit : 00  
 Primary Responsibility : EPA Fund-Financed  
 Planning Status : N/R  
 Urgency Indicator : N/R  
 Action Anomaly : N/R

SEMS\_8R\_ARCHIVED SITES

Facility Name : AMERICAN CANYON SAN LDFL  
 Facility Address : END OF EUCALYPTUS DR, NAPA JUNCTION, CA 94590  
 County : SOLANO

Site Details

Site ID : 0901876  
 EPA ID : CAD980637136  
 Region : 09  
 Congressional District : 02  
 Federal Facility : N  
 Federal Facility Docket : N  
 NPL Status : Not on the NPL  
 Non NPL Status : NFRAP-Site does not qualify for the NPL based on existing information  
 FIPS Code : 06095  
 Superfund Alternative Agreement : N  
 Last Date in Agency List : 2022-02-21

Map Id: A1  
Direction:  
Distance:  
Elevation:  
Relative:

**Site Name :** AMERICAN CANYON SAN LDFL  
END OF EUCALYPTUS DR  
NAPA JUNCTION, CA 94590  
**Database(s) :** [CERCLIS NFRAP, SEMS\_8R\_ARCHIVED SITES] **(cont.)**

**Envirosite ID:** 222277  
**EPA ID:** CAD980637136

SEMS\_8R\_ARCHIVED SITES **(cont.)**

Additional Information

Start Date : 1981-06-01  
Finish Date : 1981-06-01  
OU : 00  
Action Code : DS  
Action Name : DISCVRY  
Sequence : 1  
Quality : N/R  
Current Action Lead : EPA Perf

Start Date : N/R  
Finish Date : 1987-10-01  
OU : 00  
Action Code : VS  
Action Name : ARCH SITE  
Sequence : 1  
Quality : N/R  
Current Action Lead : EPA Perf In-Hse

Start Date : N/R  
Finish Date : 1987-10-01  
OU : 00  
Action Code : PA  
Action Name : PA  
Sequence : 1  
Quality : N  
Current Action Lead : EPA Perf

Map Id: A2  
Direction:  
Distance:  
Elevation:  
Relative:

**Site Name :** AMERICAN CANYON SANITARY LANDFILL |  
AMERICAN CANYON LANDFILL |  
AMERICAN CANYON SLF  
END OF EUCALYPTUS DRIVE | WESTERN  
TERMINUS OF EUCALYPTUS DRIVE |  
WEST AMERICAN CANYON ROAD FOOT OF  
AMERICAN CANYON | Napa | American  
Canyon, CA  
**Database(s) :** [CALEPA SITES - CA, ECHO, EPA LF MOP,  
FA 2 - CA, FRS, SWF/LF - CA]

**Envirosite ID:** 231048  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : AMERICAN CANYON SANITARY LANDFILL  
Facility Address : WESTERN TERMINUS OF EUCALYPTUS DRIVE, NAPA

Map Id: A2  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SANITARY LANDFILL | AMERICAN CANYON LANDFILL | AMERICAN CANYON SLF  
 END OF EUCALYPTUS DRIVE | WESTERN TERMINUS OF EUCALYPTUS DRIVE | WEST AMERICAN CANYON ROAD FOOT OF AMERICAN CANYON | Napa | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, ECHO, EPA LF MOP, FA 2 - CA, FRS, SWF/LF - CA] **(cont.)**

Envirosite ID: 231048  
 EPA ID: N/R

CALEPA SITES - CA **(cont.)**

Site ID : 506663  
 EI ID : 28-AA-0001  
 EI Description : Solid Waste and Recycle Sites  
 Latitude : 38.180600  
 Longitude : -122.276000  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

ECHO

Facility Name : AMERICAN CANYON LANDFILL  
 Facility Address : END OF EUCALYPTUS DRIVE, AMERICAN CANYON, CA 94503  
 County : NAPA

Last Inspection Date : N/R  
 Registry ID : 110043799547  
 FIPS Code : 06055  
 EPA Region : 09  
 Inspection Count : 0  
 Last Inspection Days : N/R  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : N/R  
 Programs IN SNC : 0  
 Current Compliance Status : N/R  
 Three-Year Compliance Status : N/R  
 Collection Method : N/R  
 Reference Point : N/R  
 Accuracy Meters : 17531  
 Derived Tribes : Lytton Rancheria of California - 16 mile(s)  
 Derived HUC : 18050002  
 Derived WBD : 180500020801  
 Derived STCTY FIPS : 06055  
 Derived Zip : 94503  
 Derived CD113 : 05  
 Derived CB2010 : 060552010051061  
 MYRTK Universe : NNN  
 NPDES IDs : N/R  
 CWA Permit Types : N/R  
 CWA Compliance Tracking : N/R  
 CWA NAICS : N/R  
 CWA SICS : N/R  
 CWA Inspection Count : N/R

Map Id: A2  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SANITARY LANDFILL |  
 AMERICAN CANYON LANDFILL |  
 AMERICAN CANYON SLF  
 END OF EUCALYPTUS DRIVE | WESTERN  
 TERMINUS OF EUCALYPTUS DRIVE |  
 WEST AMERICAN CANYON ROAD FOOT OF  
 AMERICAN CANYON | Napa | American  
 Canyon, CA

**Database(s) :** [CALEPA SITES - CA, ECHO, EPA LF MOP,  
 FA 2 - CA, FRS, SWF/LF - CA] **(cont.)**

EnviroSite ID: 231048  
 EPA ID: N/R

ECHO (cont.)

CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	562212 - Solid Waste Landfill
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	N
TRI Flag :	N
GHG Flag :	Y
Major Flag :	N/R
Active Flag :	N/R
NAA Flag :	Y
Latitude :	38.1809
Longitude :	-122.281
Last Date in Agency List :	2021-10-15
Facility Name :	AMERICAN CANYON SANI LANDFILL
Facility Address :	WEST AMERICAN CANYON ROAD FOOT OF, AMERICAN CANYON, CA 94503
County :	NAPA



Map Id: A2  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SANITARY LANDFILL | AMERICAN CANYON LANDFILL | AMERICAN CANYON SLF  
 END OF EUCALYPTUS DRIVE | WESTERN TERMINUS OF EUCALYPTUS DRIVE | WEST AMERICAN CANYON ROAD FOOT OF AMERICAN CANYON | Napa | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, ECHO, EPA LF MOP, FA 2 - CA, FRS, SWF/LF - CA] **(cont.)**

Envirosite ID: 231048  
 EPA ID: N/R

ECHO (cont.)

Last Inspection Date :	N/R
Registry ID :	110013850555
FIPS Code :	06055
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	1991-01-16
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	N/R
Three-Year Compliance Status :	N/R
Collection Method :	INTERPOLATION-MAP
Reference Point :	FACILITY CENTROID
Accuracy Meters :	300
Derived Tribes :	Lytton Rancheria of California - 16 mile(s)
Derived HUC :	18050002
Derived WBD :	180500020801
Derived STCTY FIPS :	06055
Derived Zip :	94503
Derived CD113 :	05
Derived CB2010 :	060552010051064
MYRTK Universe :	NNN
NPDES IDs :	CAU000124
CWA Permit Types :	Minor
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	1991-01-16
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	0
CWA Current Compliance Status :	Not Applicable
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R

Map Id: A2  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SANITARY LANDFILL | AMERICAN CANYON LANDFILL | AMERICAN CANYON SLF  
 END OF EUCALYPTUS DRIVE | WESTERN TERMINUS OF EUCALYPTUS DRIVE | WEST AMERICAN CANYON ROAD FOOT OF AMERICAN CANYON | Napa | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, ECHO, EPA LF MOP, FA 2 - CA, FRS, SWF/LF - CA] **(cont.)**

EnviroSite ID: 231048  
 EPA ID: N/R

ECHO **(cont.)**

Facility NAICS :	N/R
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	1991-01-16
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	Y
SDWIS Flag :	N
RCRA Flag :	N
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	N/R
NAA Flag :	Y
Latitude :	38.18056
Longitude :	-122.27556
Last Date in Agency List :	2022-03-29

EPA LF MOP

Facility Name :	American Canyon SLF
Facility Address :	End of Eucalyptus Drive, American Canyon, CA 94503
County :	Napa
Landfill ID :	44
GHGRP ID :	1004465
Year Landfill Opened :	1966
Landfill Closure Year :	1995
Current Landfill Status :	Closed
Ownership Type :	Public
Landfill Owner Organization(s) :	Napa-Vallejo Waste Management Authority
Waste in Place Year :	1995
Waste in Place (tons) :	4,830,026
LFG Collection System In Place? :	Yes
LFG Collected (mmscfd) :	0.369
LFG Flared (mmscfd) :	0.369
Project ID :	100-1
Current Project Status :	Shutdown
Project Name :	Project #1, De-Expansion #1

Map Id: A2  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SANITARY LANDFILL | AMERICAN CANYON LANDFILL | AMERICAN CANYON SLF  
 END OF EUCALYPTUS DRIVE | WESTERN TERMINUS OF EUCALYPTUS DRIVE | WEST AMERICAN CANYON ROAD FOOT OF AMERICAN CANYON | Napa | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, ECHO, EPA LF MOP, FA 2 - CA, FRS, SWF/LF - CA] **(cont.)**

Envirosite ID: 231048  
 EPA ID: N/R

EPA LF MOP **(cont.)**

Project Start Date :	2010-01-01
Project Shutdown Date :	2013-05-01
Project Type Category :	Electricity
LFG Energy Project Type :	Reciprocating Engine
RNG Delivery Method :	N/R
Actual MW Generation :	0.8
Rated MW Capacity :	0.8
LFG Flow to Project (mmscfd) :	N/R
Current Year Emission Reductions (MMTCO2e/yr) - Direct:	N/R
Current Year Emission Reductions (MMTCO2e/yr) - Avoided:	N/R
Landfill Design Capacity (tons) :	N/R
Annual Waste Acceptance Rate (tons per year):	N/R
Annual Waste Acceptance Year :	N/R
LFG Collected Year :	N/R
LFG Flared Year :	N/R
Projected Direct Reductions (MMTCO2e/yr) - MW:	N/R
Projected Avoided Reductions (MMTCO2e/yr) - MW:	N/R
Does LF Recirculate Leachate? :	N/R
Leachate Recirc Frequency (Past 10 Yrs):	N/R
Permitted as RD & D LF? :	N/R
LF Required by NSPS/EG to Combust LFG:	N/R
Latitude :	38.18056
Longitude :	-122.27556
Last Date in Agency List :	2022-03-28
Landfill ID :	44
GHGRP ID :	1004465
Year Landfill Opened :	1966
Landfill Closure Year :	1995
Current Landfill Status :	Closed
Ownership Type :	Public
Landfill Owner Organization(s) :	Napa-Vallejo Waste Management Authority
Waste in Place Year :	1995
Waste in Place (tons) :	4,830,026
LFG Collection System In Place? :	Yes
LFG Collected (mmscfd) :	0.369
LFG Flared (mmscfd) :	0.369
Project ID :	100-0
Current Project Status :	Shutdown
Project Name :	Project #1
Project Start Date :	1985-01-01
Project Shutdown Date :	2009-12-31
Project Type Category :	Electricity

Map Id: A2  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SANITARY LANDFILL | AMERICAN CANYON LANDFILL | AMERICAN CANYON SLF  
 END OF EUCALYPTUS DRIVE | WESTERN TERMINUS OF EUCALYPTUS DRIVE | WEST AMERICAN CANYON ROAD FOOT OF AMERICAN CANYON | Napa | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, ECHO, EPA LF MOP, FA 2 - CA, FRS, SWF/LF - CA] **(cont.)**

Envirosite ID: 231048  
 EPA ID: N/R

EPA LF MOP **(cont.)**

LFG Energy Project Type :	Reciprocating Engine
RNG Delivery Method :	N/R
Actual MW Generation :	1.6
Rated MW Capacity :	1.6
LFG Flow to Project (mmscfd) :	0.8
Current Year Emission Reductions (MMTCO2e/yr) - Direct:	N/R
Current Year Emission Reductions (MMTCO2e/yr) - Avoided:	N/R
Landfill Design Capacity (tons) :	N/R
Annual Waste Acceptance Rate (tons per year):	N/R
Annual Waste Acceptance Year :	N/R
LFG Collected Year :	N/R
LFG Flared Year :	N/R
Projected Direct Reductions (MMTCO2e/yr) - MW:	N/R
Projected Avoided Reductions (MMTCO2e/yr) - MW:	N/R
Does LF Recirculate Leachate? :	N/R
Leachate Recirc Frequency (Past 10 Yrs):	N/R
Permitted as RD & D LF? :	N/R
LF Required by NSPS/EG to Combust LFG:	N/R
Latitude :	38.18056
Longitude :	-122.27556
Last Date in Agency List :	2022-03-28
Landfill ID :	44
GHGRP ID :	1004465
Year Landfill Opened :	1966
Landfill Closure Year :	1995
Current Landfill Status :	Closed
Ownership Type :	Public
Landfill Owner Organization(s) :	Napa-Vallejo Waste Management Authority
Waste in Place Year :	1995
Waste in Place (tons) :	4,830,026
LFG Collection System In Place? :	Yes
LFG Collected (mmscfd) :	0.369
LFG Flared (mmscfd) :	0.369
Project ID :	180760-0
Current Project Status :	Shutdown
Project Name :	Project #2
Project Start Date :	2008-06-01
Project Shutdown Date :	2009-01-01
Project Type Category :	Electricity
LFG Energy Project Type :	Microturbine
RNG Delivery Method :	N/R
Actual MW Generation :	0.21



Map Id: A2  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SANITARY LANDFILL | AMERICAN CANYON LANDFILL | AMERICAN CANYON SLF  
 END OF EUCALYPTUS DRIVE | WESTERN TERMINUS OF EUCALYPTUS DRIVE | WEST AMERICAN CANYON ROAD FOOT OF AMERICAN CANYON | Napa | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, ECHO, EPA LF MOP, FA 2 - CA, FRS, SWF/LF - CA] **(cont.)**

EnviroSite ID: 231048  
 EPA ID: N/R

EPA LF MOP **(cont.)**

Rated MW Capacity :	0.21
LFG Flow to Project (mmscfd) :	0.19
Current Year Emission Reductions (MMTCO2e/yr) - Direct:	N/R
Current Year Emission Reductions (MMTCO2e/yr) - Avoided:	N/R
Landfill Design Capacity (tons) :	N/R
Annual Waste Acceptance Rate (tons per year):	N/R
Annual Waste Acceptance Year :	N/R
LFG Collected Year :	N/R
LFG Flared Year :	N/R
Projected Direct Reductions (MMTCO2e/yr) - MW:	N/R
Projected Avoided Reductions (MMTCO2e/yr) - MW:	N/R
Does LF Recirculate Leachate? :	N/R
Leachate Recirc Frequency (Past 10 Yrs):	N/R
Permitted as RD & D LF? :	N/R
LF Required by NSPS/EG to Combust LFG:	N/R
Latitude :	38.18056
Longitude :	-122.27556
Last Date in Agency List :	2022-03-28

FA 2 - CA

Facility Name :	American Canyon Sanitary Landfill
Facility Address :	Western Terminus Of Eucalyptus Drive, Napa, CA 94589
County :	Napa

Review Date :	2019-07-17
Swis Number :	28-AA-0001
Operator Name :	Napa-Vallejo Waste Management Authority
Operator Address :	1195 Third Street, Room 101
Phone :	(707) 253-4545
Fax :	(707) 253-4471
Cost Anniversary :	2008-02-10
Closure Mechanism A :	N/R
Closure Established A :	N/R
Closure Mechanism B :	N/R
Closure Established B :	N/R
Closure Coverage :	0
Closure Adequacy :	N/R
Closure Approved :	Yes
Closure Disbursement :	0
Closure Inflation Estimate :	0
Closure Inflation Date :	N/R
Closure Plan Coverage :	0

Map Id: A2  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SANITARY LANDFILL | AMERICAN CANYON LANDFILL | AMERICAN CANYON SLF  
 END OF EUCALYPTUS DRIVE | WESTERN TERMINUS OF EUCALYPTUS DRIVE | WEST AMERICAN CANYON ROAD FOOT OF AMERICAN CANYON | Napa | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, ECHO, EPA LF MOP, FA 2 - CA, FRS, SWF/LF - CA] **(cont.)**

Envirosite ID: 231048  
 EPA ID: N/R

FA 2 - CA **(cont.)**

Closure Plan Date : 2019-03-01  
 Post Closure Mechanism A : PLEDGE OF REVENUE  
 Post Closure Established A : 1994-05-13  
 Post Closure Mechanism B : N/R  
 Post Closure Established B : N/R  
 Post Closure Coverage : 625408  
 Post Closure Adequacy : N/R  
 Post Closure Approved : Yes  
 Post Closure Disbursement : 0  
 Post Close Inflation Estimate : 10631933  
 Post Closure Inflation Date : 2019-06-01  
 Post Closure Plan Estimate : 551445  
 Post Closure Plan Date : 2019-03-01  
 Corrective Action Mechanism A : PLEDGE OF REVENUE  
 Corrective Action Established A : N/R  
 Corrective Action Mechanism B : N/R  
 Corrective Action Established B : N/R  
 Corrective Action Coverage : 1030170  
 Corrective Action Adequacy : N/R  
 Corrective Action Approved : Yes  
 Corrective Action Disbursement : 0  
 Corrective Action Inflation Estimate: 1030170  
 Corrective Action Inflation Date : 2019-06-01  
 Corrective Action Plan Estimate : 640630  
 Corrective Action Plan Date : 2019-03-01  
 Liability Mechanism A : N/R  
 Liability Established A : N/R  
 Liability Mechanism B : N/R  
 Liability Established B : N/R  
 Liability Coverage : 0  
 Liability Adequacy : N/R  
 Liability Approved : No  
 Responsible Party : U.S. Bank Corporate Trust Services  
 Contacts : N/R  
 Latitude : 38.18056  
 Longitude : -122.27556  
 Last Date in Agency List : 2022-02-14

FRS

Facility Name : AMERICAN CANYON LANDFILL  
 Facility Address : END OF EUCALYPTUS DRIVE, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Registry ID : 110043799547  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-12-17

Map Id: A2  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SANITARY LANDFILL | AMERICAN CANYON LANDFILL | AMERICAN CANYON SLF  
 END OF EUCALYPTUS DRIVE | WESTERN TERMINUS OF EUCALYPTUS DRIVE | WEST AMERICAN CANYON ROAD FOOT OF AMERICAN CANYON | Napa | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, ECHO, EPA LF MOP, FA 2 - CA, FRS, SWF/LF - CA] **(cont.)**

**Envirosite ID:** 231048  
**EPA ID:** N/R

FRS **(cont.)**

Source Description

Source Description :

(E-GGRT, accessible through an EPA web page, is used to submit annual reports in support of the EPA rule for mandatory reporting of greenhouse gases (GHG) by large GHG emissions sources. Implementation of 40 CFR part 98 is referred to as the greenhouse gas reporting program (GHGRP). This comprehensive, nationwide emissions data will provide a better understanding of the sources of GHGs and will guide development of the policies and programs to reduce emissions. The publically available data will allow reporters to track their own emissions, compare them to similar facilities, and aid in identifying cost effective opportunities to reduce emissions in the future.

FRS Environmental Interest

Source and System ID : E-GGRT - 1004465

Facility Name : AMERICAN CANYON SANI LANDFILL  
 Facility Address : WEST AMERICAN CANYON ROAD FOOT OF, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Registry ID : 110013850555  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Source Description :

The 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.

FRS Environmental Interest

Source and System ID : ICIS - CAU000124

Facility Name : AMERICAN CANYON SLF  
 Facility Address : END OF EUCALYPTUS DRIVE, AMERICAN CANYON, CA 94503

Map Id: A2  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SANITARY LANDFILL | AMERICAN CANYON LANDFILL | AMERICAN CANYON SLF  
 END OF EUCALYPTUS DRIVE | WESTERN TERMINUS OF EUCALYPTUS DRIVE | WEST AMERICAN CANYON ROAD FOOT OF AMERICAN CANYON | Napa | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, ECHO, EPA LF MOP, FA 2 - CA, FRS, SWF/LF - CA] **(cont.)**

**EnviroSite ID:** 231048  
**EPA ID:** N/R

FRS **(cont.)**

County : NAPA

Site Details

Registry ID : 110063276084  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Source Description :

The U.S. Environmental Protection Agency’s Landfill Methane Outreach Program (LMOP) is a voluntary assistance program that helps to reduce methane emissions from landfills by encouraging the recovery and beneficial use of landfill gas (LFG) as a renewable energy resource.

FRS Environmental Interest

Source and System ID : LMOP - 44

SWF/LF - CA

Facility Name : American Canyon Sanitary Landfill  
 Facility Address : Western Terminus Of Eucalyptus Drive, Napa  
 County : Napa

Site Details

Permit Date : N/R  
 Permit Status : Permitted  
 Swis Number : 28-AA-0001  
 Land Use : N/R  
 Operator : N/R  
 Operator Address : N/R  
 Operator Phone : N/R  
 Latitude : 38.18056  
 Longitude : -122.27556  
 Last Date in Agency List : 2022-03-14

Owner Summary

Owner : Napa-Vallejo Waste Management Authority  
 Owner Address : N/R  
 Owner Phone : (707) 253-4545



Map Id: A2  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON SANITARY LANDFILL | AMERICAN CANYON LANDFILL | AMERICAN CANYON SLF  
 END OF EUCALYPTUS DRIVE | WESTERN TERMINUS OF EUCALYPTUS DRIVE | WEST AMERICAN CANYON ROAD FOOT OF AMERICAN CANYON | Napa | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, ECHO, EPA LF MOP, FA 2 - CA, FRS, SWF/LF - CA] **(cont.)**

**Envirosite ID:** 231048  
**EPA ID:** N/R

SWF/LF - CA **(cont.)**

Unit Information

Closure Date :	N/R
Closure Type :	N/R
Unit Number :	N/R
Regulatory Status :	Permitted
Operational Status :	Closed
Category :	Disposal
Activity :	Solid Waste Facility
Inspection Frequency :	Quarterly
Accepted Waste :	N/R
Program Type :	N/R
Throughput :	1350
Throughput Units :	Tons per day
Capacity :	4900000
Capacity Units :	Cubic Yards
Acreage :	122
Disposal Acreage :	97
Remaining Capacity :	N/R
WDR Number :	N/R

Map Id: A3  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON LANDFILL  
 WESTERN TERMINUS OF EUCALYPTUS  
 NAPA, CA 94558

**Database(s) :** [CALEPA SITES - CA, FRS]

**Envirosite ID:** 232243  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name :	AMERICAN CANYON LANDFILL
Facility Address :	WESTERN TERMINUS OF EUCALYPTUS, NAPA, 94558
Site ID :	450965
EI ID :	110014005879
EI Description :	US EPA Air Emission Inventory System (EIS)
Latitude :	38.176900
Longitude :	-122.281300
Agency Hyperlink :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2022-04-07

FRS

Facility Name :	AMERICAN CANYON LANDFILL
Facility Address :	WESTERN TERMINUS OF EUCALYPTUS, NAPA, CA 94558

Map Id: A3  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON LANDFILL  
 WESTERN TERMINUS OF EUCALYPTUS  
 NAPA, CA 94558

**Database(s) :** [CALEPA SITES - CA, FRS] **(cont.)**

**Envirosite ID:** 232243  
**EPA ID:** N/R

FRS **(cont.)**

County : NAPA

Site Details

Registry ID : 110014005879  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Source Description :

The Emission Inventory System (EIS) maintains an inventory of large stationary sources and voluntarily-reported smaller sources of air point pollution emitters. It contains information about facility sites and their physical location, emission units, emission processes, release points, control approaches, and regulations. Facility inventory data are kept separate from the emissions data and have stable identifiers to improve continuity from year to year and to help identify duplicate or missing facilities.

FRS Environmental Interest

Source and System ID : EIS - 2170111

Map Id: A4  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** GAS RECOVERY SYSTEMS, INC  
 LANDFILL, AMERICAN CANYON  
 NAPA, CA 94558

**Database(s) :** [CALEPA SITES - CA, FRS]

**Envirosite ID:** 250427  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : GAS RECOVERY SYSTEMS, INC  
 Facility Address : LANDFILL, AMERICAN CANYON, NAPA, 94558

Site ID : 469572  
 EI ID : 110010318325  
 EI Description : US EPA Air Emission Inventory System (EIS)  
 Latitude : 38.180592  
 Longitude : -122.275000  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

FRS

Facility Name : GAS RECOVERY SYSTEMS, INC  
 Facility Address : LANDFILL, AMERICAN CANYON, NAPA, CA 94558  
 County : NAPA

Map Id: A4  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** GAS RECOVERY SYSTEMS, INC  
 LANDFILL, AMERICAN CANYON  
 NAPA, CA 94558

**Database(s) :** [CALEPA SITES - CA, FRS] **(cont.)**

**Envirosite ID:** 250427  
**EPA ID:** N/R

FRS **(cont.)**

Site Details

Registry ID : 110010318325  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Source Description :

The Emission Inventory System (EIS) maintains an inventory of large stationary sources and voluntarily-reported smaller sources of air point pollution emitters. It contains information about facility sites and their physical location, emission units, emission processes, release points, control approaches, and regulations. Facility inventory data are kept separate from the emissions data and have stable identifiers to improve continuity from year to year and to help identify duplicate or missing facilities.

FRS Environmental Interest

Source and System ID : EIS - 1176311

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF  
 AMERICAN CANYON WRF | AMERICAN  
 CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA  
 CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon |  
 SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS  
 - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI -  
 CA, FRS, HAZNET - CA, HWG - CA, ICIS,  
 INACTIVE PCS, MANIFEST EPA, NPDES -  
 CA, PCS ENF, PCS FACILITY,  
 RCRA\_NONGEN, RFR - CA]

**Envirosite ID:** 310264  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : AMERICAN CANYON WASTE WATER TREATMENT FACILITY  
 Facility Address : 151 MEZZETTA CT, AMERICAN CANYON, 94503

Site ID : 450967  
 EI ID : 110001162866  
 EI Description : US EPA Air Emission Inventory System (EIS)  
 Latitude : 38.189780  
 Longitude : -122.275790  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

CALEPA SITES - CA **(cont.)**

Facility Name : AMERICAN CANYON WATER RECYCLING PROGRAM  
 Facility Address : 151 MEZZETTA COURT, AMERICAN CANYON, 94503

Site ID : 261887  
 EI ID : 764886  
 EI Description : Waste Discharge Requirements  
 Latitude : 38.188830  
 Longitude : -122.278200  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Site ID : 261887  
 EI ID : 764886  
 EI Description : Forestry & Silviculture  
 Latitude : 38.188830  
 Longitude : -122.278200  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Facility Name : WASTEWATER TREATMENT PLANT  
 Facility Address : 151 MEZZETTA CT, AMERICAN CANYON, 94503

Site ID : 356558  
 EI ID : 10640053  
 EI Description : Chemical Storage Facilities  
 Latitude : 38.186450  
 Longitude : -122.278656  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

CHMIRS - CA

Facility Address : 151 Messetta Ct, American Canyon, 94503  
 County : Napa County

Notified Date : 2014-02-10 15:33:00  
 Spill Representative : City of American Canyon  
 Control Number : 14-0804  
 Substance 1 : Sewage  
 Quantity 1 : 10,000  
 Measure 1 : Gal(s)  
 Type 1 : SEWAGE



Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

CHMIRS - CA **(cont.)**

Pipeline 1 : No  
 Vessel 1 (300 Tons) : No  
 Substance 2 : N/R  
 Quantity 2 : N/R  
 Measure 2 : N/R  
 Type 2 : N/R  
 Pipeline 2 : No  
 Vessel 2 (300 Tons) : No  
 Substance 3 : N/R  
 Quantity 3 : N/R  
 Measure 3 : N/R  
 Type 3 : N/R  
 Pipeline 3 : No  
 Vessel 3 (300 Tons) : No

Description : RP states that valves were left open on the affluent pond which resulted in the release of approx 10,000 gal of raw sewage which was released into a tributary of the Napa River. Release is contained but unrecoverable.

Contained : Yes  
 Water? : Yes  
 Water Way : Napa River  
 Drinking Water Impacted : N/R  
 Known Impact : N/R  
 Incident Date : 2014-02-10  
 Time : 14:00:00  
 Spill Site : Treatment/Sewage Facility  
 Site : Napa River  
 Cause : Human Error  
 Other Causes : N/R  
 Injuries (Y/N) : No  
 Injuries Number : N/R  
 Fatal (Y/N) : No  
 Fatal Number : N/R  
 Evacs (Y/N) : No  
 Evacs Number : N/R  
 Cleanup : Unrecoverable  
 Admin Agency : Napa County Department Environmental Management  
 Last Date in Agency List : 2017-04-04

CIWQS - CA

Facility Name : AMERICAN CANYON WATER RECYCLING PROGRAM  
 Facility Address : 151 MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 County : NAPA

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

CIWQS - CA **(cont.)**

Place ID : 764886  
 Agency Name : NOT AVAILABLE  
 Last Date in Agency List : 2022-03-22

Place ID : 764886  
 Agency Name : AMERICAN CANYON CITY PWD  
 Last Date in Agency List : 2022-03-22

CIWQS 2 - CA

Facility Name : American Canyon Water Reclamation Facility (WRF) (formerly WWTP)  
 Facility Address : 151 Mezzetta Court, American Canyon, 94503  
 County : Napa

Facility ID : 205477  
 WDID : 2 283021001  
 Facility Type : Municipal/Domestic  
 Region : 2  
 Place Type : Utility  
 Place Subtype : Wastewater Treatment Facility  
 Agency Name : American Canyon City PWD  
 Agency Type : City Agency  
 Number of Agencies : 1  
 Status Date : 2022-01-07  
 Status : Active  
 Status Enrollee : N  
 Individual/General : I  
 Fee Code : 66 - NPDES Based on Flow  
 Staff Assigned : N/R  
 Number of Staff Assigned : N/R  
 Supervisor : N/R  
 Number of Supervisor : N/R  
 Number of Amendments : 2  
 Number of Reg Measures : 8  
 Baseline Flow : 2.5  
 Population (MS4)/Acres : N/R  
 Reclamation : 1 - Producer  
 CAFO Type : N/R  
 CAFO Subtype : N/R  
 CAFO Population : N/R  
 Onsite : N/R  
 Quality Assurance : N/R  
 RCRA Flag : N  
 Total MMP Violations Number : 35  
 Total Number of Violations : 49

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

CIWQS 2 - CA **(cont.)**

Total Number of Inspections :	13
Date of Most Recent Completed Inspection:	2019-06-26
Date of Most Recent Received Report :	2022-03-28
Total Number of Final (A+H) Enforcement Actions:	2
Most Recent Effective Date of Enf Action (A+H):	2008-11-19
Program :	NPDMUNILRG
Program Category :	NPDESWW
Number of Programs :	1
Complexity :	A
Pretreatment :	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type :	Domestic wastewater
Reg Measure ID :	412756
Reg Measure Type :	NPDES Permits
Reg Measure Title :	NPDES R2-2017-0008 for American Canyon City PWD
Reg Measure Description :	Reissuance of NPDES Permit No. CA0038768 for the American Canyon Water Reclamation Facility, American Canyon, Napa County.
SIC 1 :	4952 - Sewerage Systems
SIC 2 :	-
SIC 3 :	-
Latitude :	38.18883
Longitude :	-122.2782
Last Date in Agency List :	2022-05-06
Facility ID :	205477
WDID :	2 283021001
Facility Type :	Municipal/Domestic
Region :	2
Place Type :	Utility
Place Subtype :	Wastewater Treatment Facility
Agency Name :	American Canyon City PWD
Agency Type :	City Agency
Number of Agencies :	1
Status Date :	2011-04-12
Status :	Draft
Status Enrollee :	N
Individual/General :	I
Fee Code :	19 - Non Billable by Administrative Determination
Staff Assigned :	N/R
Number of Staff Assigned :	N/R
Supervisor :	N/R
Number of Supervisor :	N/R

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

Envirosite ID: 310264  
 EPA ID: N/R

CIWQS 2 - CA **(cont.)**

Number of Amendments :	0
Number of Reg Measures :	2
Baseline Flow :	N/R
Population (MS4)/Acres :	N/R
Reclamation :	N/R
CAFO Type :	N/R
CAFO Subtype :	N/R
CAFO Population :	N/R
Onsite :	N/R
Quality Assurance :	N/R
RCRA Flag :	N
Total MMP Violations Number :	0
Total Number of Violations :	0
Total Number of Inspections :	0
Date of Most Recent Completed Inspection:	N/R
Date of Most Recent Received Report :	N/R
Total Number of Final (A+H) Enforcement Actions:	2
Most Recent Effective Date of Enf Action (A+H):	2012-08-07
Program :	NPDESWW
Program Category :	NPDESWW
Number of Programs :	1
Complexity :	N/R
Pretreatment :	N/R
Facility Waste Type :	N/R
Reg Measure ID :	378604
Reg Measure Type :	Co-Permitee
Reg Measure Title :	Order No. R2-2007-0077 Mercury Watershed Permit for American Canyon City
Reg Measure Description :	Amends the mercury requirements.
SIC 1 :	4952 - Sewerage Systems
SIC 2 :	-
SIC 3 :	-
Latitude :	38.18883
Longitude :	-122.2782
Last Date in Agency List :	2022-05-06

Facility Name :	American Canyon Water Recycling Program
Facility Address :	151 Mezzetta Court, American Canyon, 94503
County :	Napa

Facility ID :	764886
WDID :	2 283021003



Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

CIWQS 2 - CA **(cont.)**

Facility Type :	Municipal/Domestic
Region :	2
Place Type :	Utility
Place Subtype :	Wastewater Treatment Facility
Agency Name :	American Canyon City PWD
Agency Type :	City Agency
Number of Agencies :	1
Status Date :	2022-02-03
Status :	Active
Status Enrollee :	N
Individual/General :	I
Fee Code :	58 - Non15 Based on (TTWQ)/CPLX)
Staff Assigned :	N/R
Number of Staff Assigned :	N/R
Supervisor :	N/R
Number of Supervisor :	N/R
Number of Amendments :	0
Number of Reg Measures :	3
Baseline Flow :	N/R
Population (MS4)/Acres :	N/R
Reclamation :	N/R
CAFO Type :	N/R
CAFO Subtype :	N/R
CAFO Population :	N/R
Onsite :	N/R
Quality Assurance :	N/R
RCRA Flag :	N/R
Total MMP Violations Number :	0
Total Number of Violations :	0
Total Number of Inspections :	0
Date of Most Recent Completed Inspection:	N/R
Date of Most Recent Received Report :	N/R
Total Number of Final (A+H) Enforcement Actions:	0
Most Recent Effective Date of Enf Action (A+H):	N/R
Program :	REC
Program Category :	WDR
Number of Programs :	1
Complexity :	C
Pretreatment :	N/R
Facility Waste Type :	Recycled/reclaimed water
Reg Measure ID :	445251
Reg Measure Type :	Enrollee - WRR

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

CIWQS 2 - CA **(cont.)**

Reg Measure Title : Enrollee - WRR under General WDR for the Use of Recycled Water for American Canyon City PWD

Reg Measure Description : Transitioned enrollment of City of American Canyon's recycled water program from SF Bay Regional General WRR 96-011 to the statewide WRR for Recycled Water Use Order 2016-0068-DDW on April 8, 2020. Title 22 Engineering Report date 06-23-2005, DDW approval date 07-05-2005. Disinfected tertiary, membrane bioreactor filtration, chlorine disinfection.

SIC 1 : 4952 - Sewerage Systems  
 SIC 2 : -  
 SIC 3 : -  
 Latitude : 38.18883  
 Longitude : -122.2782  
 Last Date in Agency List : 2022-05-06

DOCKET

Facility Name : AMERICAN CANYON WWTF  
 Facility Address : 151 MEZZETTA COURT, AMERICAN CANYON, CA 94503

Site Activity Details

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your EnviroSite account representative for a complimentary site report containing all of the details available.

Enforcement Action Case Number : CA-200018545  
 Activity ID : 1800024909  
 Enforcement Action Name : AMERICAN CANYON WWTF  
 Last Date in Agency List : 2017-06-05

Final Ordr Iss/Final Order Enter Date: N/R  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : N/R  
 Final Order Name : N/R

Complaint Summary

Respondent/Defendant Name : N/R  
 Named in Complaint : N/R

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

DOCKET **(cont.)**

Named in Final Order : N/R

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : N/R

Standard Industrial Classification (SIC) Summary

Registry ID : 110001162866  
 Primary SIC : 4952 - SEWERAGE SYSTEMS  
 Primary NAICS : N/R

Settlement FRS ICIS Facility : N/R - N/R

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : 2008-07-24  
 Enforcement Action Name : AMERICAN CANYON WWTP - Expedited Payment Letter  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CWA OTHER - Violations not covered elsewhere

Violation Penalties and Compliance Summary

Compliance Action Cost : N/R  
 EPA Penalty Assessed Amount : N/R  
 Cost Recovery Required : N/R  
 Cost of SEP : N/R  
 Cost of Complying Actions : N/R

Site Activity Details

Enforcement Action Case Number : CA-2008-1041  
 Activity ID : 1400040694

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

Envirosite ID: 310264  
 EPA ID: N/R

DOCKET **(cont.)**

Enforcement Action Name : AMERICAN CANYON WWTF  
 Last Date in Agency List : 2017-06-05

Final Ordr Iss/Final Order Enter Date: 2008-07-24  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : 2008-07-24  
 Final Order Name : AMERICAN CANYON WWTP - ACL

Complaint Summary

Respondent/Defendant Name : AMERICAN CANYON CITY  
 Named in Complaint : Y  
 Named in Final Order : Y

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : SWB-2008-2-0001

Standard Industrial Classification (SIC) Summary

Registry ID : 110001162866  
 Primary SIC : 4952 - SEWERAGE SYSTEMS  
 Primary NAICS : N/R

Settlement FRS ICIS Facility : 1200003216 - AMERICAN CANYON WWTF

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : N/R  
 Enforcement Action Name : N/R  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CWA OTHER - Violations not covered elsewhere



Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

DOCKET **(cont.)**

Violation Penalties and Compliance Summary

Compliance Action Cost : 0  
 EPA Penalty Assessed Amount : 0  
 Cost Recovery Required : N/R  
 Cost of SEP : 0  
 Cost of Complying Actions : N/R

Site Activity Details

Enforcement Action Case Number : CA-2012-1057  
 Activity ID : 3000045639  
 Enforcement Action Name : AMERICAN CANYON WWTF  
 Last Date in Agency List : 2017-06-05

Final Ord'r Iss/Final Order Enter Date: 2012-08-07  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : 2012-08-07  
 Final Order Name : American Canyon WWTF - EPL

Complaint Summary

Respondent/Defendant Name : City of American Canyon  
 Named in Complaint : Y  
 Named in Final Order : Y

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : R2-2012-0049

Standard Industrial Classification (SIC) Summary

Registry ID : 110001162866  
 Primary SIC : 4952 - SEWERAGE SYSTEMS  
 Primary NAICS : N/R

Settlement FRS ICIS Facility : 1200003216 - AMERICAN CANYON WWTF

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

Envirosite ID: 310264  
 EPA ID: N/R

DOCKET **(cont.)**

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : N/R  
 Enforcement Action Name : N/R  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CWA OTHER - Violations not covered elsewhere

Violation Penalties and Compliance Summary

Compliance Action Cost : 0  
 EPA Penalty Assessed Amount : 0  
 Cost Recovery Required : N/R  
 Cost of SEP : 0  
 Cost of Complying Actions : N/R

Site Activity Details

Enforcement Action Case Number : CA-N00003567  
 Activity ID : 1200080364  
 Enforcement Action Name : AMERICAN CANYON WWTF  
 Last Date in Agency List : 2017-06-05

Final Ordr Iss/Final Order Enter Date: N/R  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : N/R  
 Final Order Name : AMERICAN CANYON WWT&RF (Permit CA0038768) Cwa Penalty Ao

Complaint Summary

Respondent/Defendant Name : N/R  
 Named in Complaint : N/R  
 Named in Final Order : N/R

SEP Category : N/R  
 SEP Description : N/R

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

DOCKET **(cont.)**

Regional Docket Number : R2-2006-0080

Standard Industrial Classification (SIC) Summary

Registry ID : 110001162866  
 Primary SIC : 4952 - SEWERAGE SYSTEMS  
 Primary NAICS : N/R

Settlement FRS ICIS Facility : 1200003216 - AMERICAN CANYON WWTF

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : N/R  
 Enforcement Action Name : N/R  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CWA CWA - Clean Water Act

Violation Penalties and Compliance Summary

Compliance Action Cost : 0  
 EPA Penalty Assessed Amount : 0  
 Cost Recovery Required : N/R  
 Cost of SEP : 0  
 Cost of Complying Actions : N/R

Site Activity Details

Enforcement Action Case Number : CA-N00004039  
 Activity ID : 1200080363  
 Enforcement Action Name : AMERICAN CANYON WWTF  
 Last Date in Agency List : 2017-06-05

Final Ordr Iss/Final Order Enter Date: N/R  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : N/R

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

DOCKET **(cont.)**

Final Order Name : AMERICAN CANYON WWT&RF (Permit CA0038768) Cwa Penalty Ao

Complaint Summary

Respondent/Defendant Name : N/R  
 Named in Complaint : N/R  
 Named in Final Order : N/R

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : R2-2006-0080

Standard Industrial Classification (SIC) Summary

Registry ID : 110001162866  
 Primary SIC : 4952 - SEWERAGE SYSTEMS  
 Primary NAICS : N/R

Settlement FRS ICIS Facility : 1200003216 - AMERICAN CANYON WWTF

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : N/R  
 Enforcement Action Name : N/R  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CWA CWA - Clean Water Act

Violation Penalties and Compliance Summary

Compliance Action Cost : 0  
 EPA Penalty Assessed Amount : 0  
 Cost Recovery Required : N/R  
 Cost of SEP : 0



Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

DOCKET **(cont.)**

Cost of Complying Actions : N/R

Site Activity Details

Enforcement Action Case Number : CA-N00004550  
 Activity ID : 1200080361  
 Enforcement Action Name : AMERICAN CANYON WWTF  
 Last Date in Agency List : 2017-06-05

Final Ord'r Iss/Final Order Enter Date: N/R  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : N/R  
 Final Order Name : N/R

Complaint Summary

Respondent/Defendant Name : N/R  
 Named in Complaint : N/R  
 Named in Final Order : N/R

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : N/R

Standard Industrial Classification (SIC) Summary

Registry ID : 110001162866  
 Primary SIC : 4952 - SEWERAGE SYSTEMS  
 Primary NAICS : N/R

Settlement FRS ICIS Facility : N/R - N/R

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : 2005-11-04  
 Enforcement Action Name : AMERICAN CANYON WWTF&RF (Permit CA0038768) Viol. Notice To Regultd Entity

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

DOCKET **(cont.)**

Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CWA CWA - Clean Water Act

Violation Penalties and Compliance Summary

Compliance Action Cost : N/R  
 EPA Penalty Assessed Amount : N/R  
 Cost Recovery Required : N/R  
 Cost of SEP : N/R  
 Cost of Complying Actions : N/R

Site Activity Details

Enforcement Action Case Number : CA-N00004551  
 Activity ID : 1200080360  
 Enforcement Action Name : AMERICAN CANYON WWTF  
 Last Date in Agency List : 2017-06-05

Final Ordr Iss/Final Order Enter Date: N/R  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : N/R  
 Final Order Name : N/R

Complaint Summary

Respondent/Defendant Name : N/R  
 Named in Complaint : N/R  
 Named in Final Order : N/R

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : N/R

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

Envirosite ID: 310264  
 EPA ID: N/R

DOCKET **(cont.)**

Standard Industrial Classification (SIC) Summary

Registry ID : 110001162866  
 Primary SIC : 4952 - SEWERAGE SYSTEMS  
 Primary NAICS : N/R

Settlement FRS ICIS Facility : N/R - N/R

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : 2007-02-28  
 Enforcement Action Name : AMERICAN CANYON WWT&RF (Permit CA0038768) Viol. Notice To Regultd Entity  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CWA CWA - Clean Water Act

Violation Penalties and Compliance Summary

Compliance Action Cost : N/R  
 EPA Penalty Assessed Amount : N/R  
 Cost Recovery Required : N/R  
 Cost of SEP : N/R  
 Cost of Complying Actions : N/R

Facility Name : AMERICAN CANYON WWTF  
 Facility Address : 151 MEZZETTA COURT, SOLANO COUNTY, CA 94503

Site Activity Details

Enforcement Action Case Number : CA-200018545  
 Activity ID : 1800024909  
 Enforcement Action Name : AMERICAN CANYON WWTF  
 Last Date in Agency List : 2018-12-17

Final Ordr Iss/Final Order Enter Date: N/R  
 Complaint/Proposed Order Actual Date: N/R

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

DOCKET **(cont.)**

Final Order Issued Actual Date : N/R  
 Final Order Name : N/R

Complaint Summary

Respondent/Defendant Name : N/R  
 Named in Complaint : N/R  
 Named in Final Order : N/R

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : N/R

Standard Industrial Classification (SIC) Summary

Registry ID : 110001162866  
 Primary SIC : 4952 - SEWERAGE SYSTEMS  
 Primary NAICS : N/R

Settlement FRS ICIS Facility : N/R - N/R

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : 2008-07-24  
 Enforcement Action Name : AMERICAN CANYON WWTP - Expedited Payment Letter  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CWA OTHER - Violations not covered elsewhere

Violation Penalties and Compliance Summary

Compliance Action Cost : N/R  
 EPA Penalty Assessed Amount : N/R  
 Cost Recovery Required : N/R



Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

DOCKET **(cont.)**

Cost of SEP : N/R  
 Cost of Complying Actions : N/R

Site Activity Details

Enforcement Action Case Number : CA-2008-1041  
 Activity ID : 1400040694  
 Enforcement Action Name : AMERICAN CANYON WWTF  
 Last Date in Agency List : 2019-02-25

Final Ordr Iss/Final Order Enter Date: 2008-07-24  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : 2008-07-24  
 Final Order Name : AMERICAN CANYON WWTP - ACL

Complaint Summary

Respondent/Defendant Name : AMERICAN CANYON CITY  
 Named in Complaint : Y  
 Named in Final Order : Y

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : SWB-2008-2-0001

Standard Industrial Classification (SIC) Summary

Registry ID : 110001162866  
 Primary SIC : 4952 - SEWERAGE SYSTEMS  
 Primary NAICS : N/R

Settlement FRS ICIS Facility : 1200003216 - AMERICAN CANYON WWTF

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : N/R  
 Enforcement Action Name : N/R

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

DOCKET **(cont.)**

Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CWA OTHER - Violations not covered elsewhere

Violation Penalties and Compliance Summary

Compliance Action Cost : 0  
 EPA Penalty Assessed Amount : 0  
 Cost Recovery Required : N/R  
 Cost of SEP : 0  
 Cost of Complying Actions : N/R

Site Activity Details

Enforcement Action Case Number : CA-2012-1057  
 Activity ID : 3000045639  
 Enforcement Action Name : AMERICAN CANYON WWTF  
 Last Date in Agency List : 2019-02-25

Final Ordr Iss/Final Order Enter Date: 2012-08-07  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : 2012-08-07  
 Final Order Name : American Canyon WWTF - EPL

Complaint Summary

Respondent/Defendant Name : City of American Canyon  
 Named in Complaint : Y  
 Named in Final Order : Y

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : R2-2012-0049

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

DOCKET **(cont.)**

Standard Industrial Classification (SIC) Summary

Registry ID : 110001162866  
 Primary SIC : 4952 - SEWERAGE SYSTEMS  
 Primary NAICS : N/R

Settlement FRS ICIS Facility : 1200003216 - AMERICAN CANYON WWTF

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : N/R  
 Enforcement Action Name : N/R  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CWA OTHER - Violations not covered elsewhere

Violation Penalties and Compliance Summary

Compliance Action Cost : 0  
 EPA Penalty Assessed Amount : 0  
 Cost Recovery Required : N/R  
 Cost of SEP : 0  
 Cost of Complying Actions : N/R

ECHO

Facility Name : AMERICAN CANYON WASTE WATER TREATMENT FACILITY  
 Facility Address : 151 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

Last Inspection Date : 2019-06-26  
 Registry ID : 110001162866  
 FIPS Code : 06055  
 EPA Region : 09  
 Inspection Count : 1  
 Last Inspection Days : 998  
 Informal Count : 0  
 Last Informal Action Date : 2007-02-28  
 Formal Action Count : 0

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

ECHO **(cont.)**

Last Formal Action Date :	2012-08-07
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	2012-08-07
Last Penalty Amount :	6000
QTRS IN NC :	1
Programs IN SNC :	0
Current Compliance Status :	No Violation Identified
Three-Year Compliance Status :	<u>    V    </u>
Collection Method :	INTERPOLATION-PHOTO
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	50
Derived Tribes :	N/R
Derived HUC :	18050002
Derived WBD :	180500020401
Derived STCTY FIPS :	06055
Derived Zip :	94503
Derived CD113 :	05
Derived CB2010 :	060552010051065
MYRTK Universe :	NYN
NPDES IDs :	CA0038768 CAL038768
CWA Permit Types :	Major, Minor
CWA Compliance Tracking :	On
CWA NAICS :	N/R
CWA SICS :	4952
CWA Inspection Count :	1
CWA Last Inspection Days :	3516
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	2012-08-07
CWA Penalties :	N/R
CWA Last Penalty Date :	08/07/2012
CWA Last Penalty Amount :	6000
CWA Quarters IN NC :	1
CWA Current Compliance Status :	No Violation Identified
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	<u>    V    </u>
CWA 13 Quarters Effluent Exceedances:	1
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	4952
Facility NAICS :	221320 - Sewage Treatment Facilities, 56299 - All Other Waste Management Services
Facility Last Inspection EPA Date :	2012-08-02
Facility Last Inspection State Date :	2019-06-26



Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

ECHO **(cont.)**

Facility Last Formal Act EPA Date : N/R  
 Facility Last Formal Act State Date : 2012-08-07  
 Facility Last Informal Act EPA Date : N/R  
 Facility Last Informal Act State Date: 2007-02-28  
 Facility Federal Agency : N/R  
 TRI Reporter : N/R  
 Facility Imp Water Flag : Y  
 Current SNC Flag : N  
 Indian County Flag : N  
 Federal Flag : N/R  
 US Mexico Border Flag : N  
 Chesapeak Bay Flag : N/R  
 AIR Flag : N  
 NPDES Flag : Y  
 SDWIS Flag : N  
 RCRA Flag : Y  
 TRI Flag : N  
 GHG Flag : N  
 Major Flag : Y  
 Active Flag : Y  
 NAA Flag : Y  
 Latitude : 38.1879  
 Longitude : -122.2782  
 Last Date in Agency List : 2022-03-29

Facility Name : AMERICAN CANYON WWTF  
 Facility Address : 151 MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 County : NAPA

Last Inspection Date : N/R  
 Registry ID : 110066754943  
 FIPS Code : 06055  
 EPA Region : 09  
 Inspection Count : 0  
 Last Inspection Days : N/R  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : 0  
 Programs IN SNC : 0

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

ECHO **(cont.)**

Current Compliance Status :	No Violation Identified
Three-Year Compliance Status :	
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	Lytton Rancheria of California - 16.6 mile(s)
Derived HUC :	18050002
Derived WBD :	180500020401
Derived STCTY FIPS :	06055
Derived Zip :	94503
Derived CD113 :	05
Derived CB2010 :	060552010051065
MYRTK Universe :	NNN
NPDES IDs :	CAL038768
CWA Permit Types :	Minor
CWA Compliance Tracking :	On
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	0
CWA Current Compliance Status :	No Violation Identified
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	N/R
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

Envirosite ID: 310264  
 EPA ID: N/R

ECHO **(cont.)**

US Mexico Border Flag : N  
 Chesapeake Bay Flag : N/R  
 AIR Flag : N  
 NPDES Flag : Y  
 SDWIS Flag : N  
 RCRA Flag : N  
 TRI Flag : N  
 GHG Flag : N  
 Major Flag : N/R  
 Active Flag : Y  
 NAA Flag : Y  
 Latitude : 38.1898  
 Longitude : -122.27728  
 Last Date in Agency List : 2019-12-02

Facility Name : CITY OF AMERICAN CANYON WRF  
 Facility Address : 151 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

Last Inspection Date : N/R  
 Registry ID : N/R  
 FIPS Code : N/R  
 EPA Region : 09  
 Inspection Count : 0  
 Last Inspection Days : N/R  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : 0  
 Programs IN SNC : 0  
 Current Compliance Status : No Violation Identified  
 Three-Year Compliance Status :  
 Collection Method : Zip Code Centroid  
 Reference Point : N/R  
 Accuracy Meters : 10000  
 Derived Tribes : N/R  
 Derived HUC : N/R  
 Derived WBD : N/R  
 Derived STCTY FIPS : N/R  
 Derived Zip : N/R

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

ECHO **(cont.)**

Derived CD113 :	N/R
Derived CB2010 :	N/R
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	56299 - All Other Waste Management Services
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	N/R



Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

Envirosite ID: 310264  
 EPA ID: N/R

ECHO **(cont.)**

NAA Flag : N/R  
 Latitude : 38.175095  
 Longitude : -122.252743  
 Last Date in Agency List : 2019-09-23

EMI - CA

Facility Name : CITY OF AMERICAN CANYON  
 Facility Address : 151 MEZZETTA COURT, AMERICAN CANYON, 94503  
 County : Napa

Facility ID : 12231  
 Air Basin Code : San Francisco Bay Area  
 District : BAY AREA AQMD  
 County ID : NAP  
 SIC Code : 4952  
 CHAPIS : N/R  
 CERR Code : N/R  
 Last Date in Agency List : 2022-03-09

Additional Details

Year : 2018  
 Total Organic Gases (Tons/Year) : .004924546  
 Reactive Organic Gases (Tons/Year) : .003574051711  
 Carbon Monoxide (Tons/Year) : .000250916  
 Nitrogen Oxides (Tons/Year) : .002349073  
 Sulfur Oxides (Tons/Year) : .00000185  
 Particulate Matter (Tons/Year) : .000048132  
 Fine Particulate Matter (Tons/Year) : .000046207

FRS

Facility Name : AMERICAN CANYON WASTE WATER TREATMENT FACILITY  
 Facility Address : 151 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Registry ID : 110001162866  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

FRS **(cont.)**

Source Description

Source Description :

The Emission Inventory System (EIS) maintains an inventory of large stationary sources and voluntarily-reported smaller sources of air point pollution emitters. It contains information about facility sites and their physical location, emission units, emission processes, release points, control approaches, and regulations. Facility inventory data are kept separate from the emissions data and have stable identifiers to improve continuity from year to year and to help identify duplicate or missing facilities.

The 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.

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest

Source and System ID :

CA-ENVIROVIEW - 261887  
 CA-ENVIROVIEW - 91576  
 EIS - 1177211  
 ICIS - CA0038768  
 ICIS - CAL038768  
 RCRAINFO - CAL000448491

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

FRS **(cont.)**

Facility Name : CITY OF AMERICAN CANYON  
 Facility Address : 151 MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Registry ID : 110040984218  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2014-03-25

Source Description

Source Description :

The Emission Inventory System (EIS) maintains an inventory of large stationary sources and voluntarily-reported smaller sources of air point pollution emitters. It contains information about facility sites and their physical location, emission units, emission processes, release points, control approaches, and regulations. Facility inventory data are kept separate from the emissions data and have stable identifiers to improve continuity from year to year and to help identify duplicate or missing facilities.

FRS Environmental Interest

Source and System ID : EIS - 1177211

Facility Name : WATER TREATMENT PLANT  
 Facility Address : 151 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Registry ID : 110066819081  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

FRS **(cont.)**

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

FRS Environmental Interest  
 Source and System ID :

CA-ENVIROVIEW - 356557

HAZNET - CA

Facility Name : CITY OF AMERICAN CANYON WRF  
 Facility Address : 151 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAL000448491  
 Active : Active  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 4381 BROADWAY, SUITE 201, AMERICAN CANYON, CA 945030000  
 Latitude : 38.18979900  
 Longitude : -122.27727600  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

HWG - CA

Facility Name : CITY OF AMERICAN CANYON WRF  
 Facility Address : 151 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAL000448491  
 Status : Active  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 4381 BROADWAY, SUITE 201, AMERICAN CANYON, CA 945030000



Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

Envirosite ID: 310264  
 EPA ID: N/R

HWG - CA **(cont.)**

Owner Name : CITY OF AMERICAN CANYON  
 Owner Address : 4381 BROADWAY, AMERICAN CANYON, CA 945039680  
 Operator Name : ERICA AHMANN SMITHIES  
 Operator Address : 4381 BROADWAY, SUITE 201, AMERICAN CANYON, CA 94503  
 Latitude : 38.191263  
 Longitude : -122.275371

ICIS

Facility Name : AMERICAN CANYON WWTF  
 Facility Address : 151 MEZZETTA COURT, AMERICAN CANYON, CA 94503

Site Details

NPDES ID : CAL038768  
 ICIS Facility Interest ID : 3600262309  
 Facility UIN : 110001162866  
 Facility Type Code : N/R  
 Impaired Waters : 303(D) Listed  
 Latitude : 38.1898  
 Longitude : -122.27728  
 Last Date in Agency List : 2022-05-02

INACTIVE PCS

Issue Date : 2021-01-01  
 Original Issue Date : 2016-01-01  
 Effective Date : 2021-01-01  
 Expiration Date : 2025-12-31  
 Retirement Date : N/R  
 Termination Date : N/R  
 Issuing Agency : N/R  
 Agency Type : U.S.EPA  
 Activity ID : 3602726615  
 External Permit Number : CAL038768  
 Facility Type Indicator : NON-POTW  
 Permit Type : Associated Permit Record  
 Major Minor Status : N  
 Permit Status : Effective  
 Total Design Flow Number : N/R  
 Actual Average Flow Number : N/R  
 State Water Body : N/R  
 State Water Body Name : N/R  
 Permit Name : American Canyon WWTF  
 Permit Comp Status : N/R  
 RNC Tracking : Y

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

INACTIVE PCS **(cont.)**

Master External Permit Number : N/R  
 TMDL Interface : N/R  
 EDMR Authorization : N  
 Pretreatment Indicator : N/R  
 Last Date in Agency List : 2022-04-22

MANIFEST EPA

Manifest Details

Manifest Number : 020060645JJK  
 Shipped Date : 2019-10-03  
 Updated Date : 2020-12-07  
 Received Date : 2019-10-09  
 Status : Corrected  
 Generator ID : CAL000448491  
 Generator Name : CITY OF AMERICAN CANYON WRF  
 Generator Address : 151 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 Generator Mailing : 4381 BROADWAY STE 201, AMERICAN CANYON, CA 94503  
 Generator Contact : N/R  
 Destination ID : NVT330010000  
 Destination Name : US ECOLOGY NEVADA, INC  
 Destination Mailing : PO BOX 578, BEATTY, NV 89003  
 Destination Address : HWY 95 11 MI S OF BEATTY, BEATTY, NV 89003  
 Destination Contact : N/R  
 Submission Type : DataImage5Copy  
 Origin Type : Service  
 Manifest Residue : N  
 Rejection : N  
 Last Date in Agency List : 2022-03-20

Waste Details

Waste Line Number : 1  
 Is DOT Hazardous : Y  
 DOT ID Number : NA3077  
 DOT Information : NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, PG III  
 Non Waste Description : N/R  
 Quantity : 35 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.0175, 0, 0.0175  
 Quantity Kg, Acute, Non-Acute : 0, 15.873026  
 Management Method : H132 - LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)  
 Is EPA Waste : Y  
 Federal Code : D009  
 State Code : CA - 181

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

MANIFEST EPA **(cont.)**

Waste Line Number : 2  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R  
 Non Waste Description : USED OIL FILTERS CONTAMINATED WITH AMMONIA AND DEBRIS  
 Quantity : 6 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.003, 0, 0.003  
 Quantity Kg, Acute, Non-Acute : 0, 2.72109  
 Management Method : H132 - LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 181

Waste Line Number : 3  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R  
 Non Waste Description : OILY DEBRIS  
 Quantity : 60 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.03, 0, 0.03  
 Quantity Kg, Acute, Non-Acute : 0, 27.2109  
 Management Method : H132 - LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 223

NPDES - CA

Facility Name : American Canyon Water Reclamation Facility (WRF) (formerly WWTP)  
 Facility Address : 151 Mezzetta Court, American Canyon, 94503  
 County : Napa

Effective Date : 2013-01-01  
 Adoption Date : 2012-12-12  
 Expiration Date : 2017-12-31  
 Termination Date : N/R  
 Order Number : R2-2017-0041  
 NPDES Number : CA0038849  
 WDID : 2 283021001  
 RM Status : Active  
 Reg Meas ID : 389069  
 Reg Meas Type : Co-Permitee  
 Program : NPDMMUNILRG  
 Facility Place ID : 205477  
 Region Code : 2

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

Envirosite ID: 310264  
 EPA ID: N/R

NPDES - CA **(cont.)**

Discharger ID : 3134  
 Discharger : American Canyon City PWD  
 Discharger Address : 4381 Broadway Street Suite 201, American Canyon, CA 94503  
 Last Date in Agency List : 2022-05-17

Effective Date : 2017-06-01  
 Adoption Date : 2017-04-12  
 Expiration Date : 2022-05-31  
 Termination Date : N/R  
 Order Number : R2-2017-0008  
 NPDES Number : CA0038768  
 WDID : 2 283021001  
 RM Status : Active  
 Reg Meas ID : 412756  
 Reg Meas Type : NPDES Permits  
 Program : NPDMUNILRG  
 Facility Place ID : 205477  
 Region Code : 2  
 Discharger ID : 3134  
 Discharger : American Canyon City PWD  
 Discharger Address : 4381 Broadway Street Suite 201, American Canyon, CA 94503  
 Last Date in Agency List : 2022-05-17

Effective Date : 2019-07-01  
 Adoption Date : 2019-03-08  
 Expiration Date : 2024-06-30  
 Termination Date : N/R  
 Order Number : R2-2019-0017  
 NPDES Number : CA0038873  
 WDID : 2 283021001  
 RM Status : Active  
 Reg Meas ID : 430607  
 Reg Meas Type : Co-Permitee  
 Program : NPDMUNILRG  
 Facility Place ID : 205477  
 Region Code : 2  
 Discharger ID : 3134  
 Discharger : American Canyon City PWD  
 Discharger Address : 4381 Broadway Street Suite 201, American Canyon, CA 94503  
 Last Date in Agency List : 2022-05-17

PCS ENF

Site Details  
 NPDES ID : CA0038768



Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

PCS ENF **(cont.)**

Last Date in Agency List : 2020-02-11

Formal Enforcement Actions

Settlement Entered Date : 08/07/2012  
 ENF Identifier : CA-2012-1057  
 Activity ID : 3000045639  
 Activity Type : Administrative, Formal  
 ENF Type : State CWA Penalty AO  
 Agency : State  
 Fed Penalty Assessed Amount : N/R  
 State Local Penalty Amount : 6000

Settlement Entered Date : 07/24/2008  
 ENF Identifier : CA-2008-1041  
 Activity ID : 1400040694  
 Activity Type : Administrative, Formal  
 ENF Type : State CWA Penalty AO  
 Agency : State  
 Fed Penalty Assessed Amount : N/R  
 State Local Penalty Amount : N/R

Settlement Entered Date : N/R  
 ENF Identifier : CA-N00003567  
 Activity ID : 1200080364  
 Activity Type : Administrative, Formal  
 ENF Type : State CWA Penalty AO  
 Agency : State  
 Fed Penalty Assessed Amount : N/R  
 State Local Penalty Amount : N/R

Settlement Entered Date : N/R  
 ENF Identifier : CA-N00004039  
 Activity ID : 1200080363  
 Activity Type : Administrative, Formal  
 ENF Type : State CWA Penalty AO  
 Agency : State  
 Fed Penalty Assessed Amount : N/R  
 State Local Penalty Amount : N/R

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

PCS ENF **(cont.)**

Informal Enforcement Actions

Achieved Date : 2005-11-04  
 Registry ID : 110001162866  
 ENF Identifier : CA-N00004550  
 Activity ID : 1200080361  
 Activity Type : Administrative - Informal  
 ENF Type : Notice of Violation  
 Agency : State

Achieved Date : 2007-02-28  
 Registry ID : 110001162866  
 ENF Identifier : CA-N00004551  
 Activity ID : 1200080360  
 Activity Type : Administrative - Informal  
 ENF Type : Notice of Violation  
 Agency : State

PCS FACILITY

Issue Date : 2021-01-01  
 Original Issue Date : 2016-01-01  
 Effective Date : 2021-01-01  
 Expiration Date : 2025-12-31  
 Retirement Date : N/R  
 Termination Date : N/R  
 Issuing Agency : N/R  
 Agency Type : U.S.EPA  
 Activity ID : 3602726615  
 External Permit Number : N/R  
 Facility Type Indicator : NON-POTW  
 Permit Type : Associated Permit Record  
 Major Minor Status : N  
 Permit Status : Effective  
 Total Design Flow Number : N/R  
 Actual Average Flow Number : N/R  
 State Water Body : N/R  
 State Water Body Name : N/R  
 Permit Name : American Canyon WWTF  
 Permit Comp Status : N/R  
 RNC Tracking : Y  
 Master External Permit Number : N/R  
 TMDL Interface : N/R  
 EDMR Authorization : N  
 Pretreatment Indicator : N/R  
 Last Date in Agency List : 2022-04-25

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

RCRA\_NONGEN

Facility Name : CITY OF AMERICAN CANYON WRF  
 Facility Address : 151 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

Date Form Received by Agency : 2019-08-28  
 EPA ID : CAL000448491  
 Mailing Address : 4381 BROADWAY STE 201, AMERICAN CANYON, CA 94503  
 Contact : STACEY AMBROSE  
 Contact Address : 4381 BROADWAY STE 201, AMERICAN CANYON, CA 94503  
 Contact Country : N/R  
 Contact Telephone : 707-647-4542  
 Contact Email : SAMBROSE@CITYOFAMERICANCANYON.COM  
 EPA Region : 09  
 Land Type : Not Reported  
 Source Type : Implementer  
 Classification : Not a generator, verified  
 Description : Not a generator, verified  
 Last Date in Agency List : 2022-04-27

Owner/Operator Summary

Owner/Operator Name : CITY OF AMERICAN CANYON  
 Owner/Operator Address : 4381 BROADWAY STE 201, AMERICAN CANYON, CA 94503  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 707-647-4542  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Owner  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Owner/Operator Name : STACEY AMBROSE  
 Owner/Operator Address : 4381 BROADWAY STE 201, AMERICAN CANYON, CA 94503  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 707-647-4542  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Operator  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

EnviroSite ID: 310264  
 EPA ID: N/R

RCRA\_NONGEN **(cont.)**

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N/R
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated : N

RFR - CA

Facility Name : American Canyon Water Reclamation Facility (WRF) (formerly WWTP)  
 Facility Address : 151 Mezzetta Court, American Canyon, CA 94503  
 County : Napa

Effective Date : 2019-07-01  
 Adoption Date : 2019-03-08  
 Termination Date : N/R  
 Expiration/Review Date : 2024-06-30  
 NPDES Number : CA0038873  
 Order Number : R2-2019-0017  
 WDID : 2 283021001  
 SIC/NAICS : 4952  
 Program : NPDUNILRG  
 Regulatory Measure Status : Active  
 Regulatory Measure Type : Co-Permittee  
 Place/Project Type : Wastewater Treatment Facility  
 Region : 2  
 Design Flow : N/R  
 Major/Minor : Major  
 Complexity : N/R  
 TTWQ : N/R



Map Id: A5  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 310264  
 EPA ID: N/R

**Site Name :** AMERICAN CANYON WWTF | CITY OF AMERICAN CANYON WRF | AMERICAN CANYON WATER RECYCLING PROGRAM  
 151 MEZZETTA COURT | 151 MEZZETTA CT | 151 MESSETTA CT  
 AMERICAN CANYON | American Canyon | SOLANO COUNTY, CA 94503

**Database(s) :** [CALEPA SITES - CA, CHMIRS - CA, CIWQS - CA, CIWQS 2 - CA, DOCKET, ECHO, EMI - CA, FRS, HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA] **(cont.)**

RFR - CA **(cont.)**

Number of Enforcement Actions within Five Years: N/R  
 Number of Violations within Five Years: 1  
 Agency : American Canyon City PWD  
 Agency Address : 4381 Broadway Street Suite 201, American Canyon, CA 94503  
 Latitude : 38.18883  
 Longitude : -122.2782  
 Last Date in Agency List : 2022-03-07

Facility Name : American Canyon Water Recycling Program  
 Facility Address : 151 Mezzetta Court, American Canyon, CA 94503  
 County : Napa

Effective Date : 2020-04-08  
 Adoption Date : N/R  
 Termination Date : N/R  
 Expiration/Review Date : 2026-08-05  
 NPDES Number : N/R  
 Order Number : 2016-0068-DDW  
 WDID : 2 283021003  
 SIC/NAICS : 4952  
 Program : REC  
 Regulatory Measure Status : Active  
 Regulatory Measure Type : Enrollee - WRR  
 Place/Project Type : Wastewater Treatment Facility  
 Region : 2  
 Design Flow : N/R  
 Major/Minor : Major  
 Complexity : C  
 TTWQ : 3  
 Number of Enforcement Actions within Five Years: N/R  
 Number of Violations within Five Years: N/R  
 Agency : American Canyon City PWD  
 Agency Address : 4381 Broadway Street Suite 201, American Canyon, CA 94503  
 Latitude : 38.18883  
 Longitude : -122.2782  
 Last Date in Agency List : 2022-03-07

Map Id: A6  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON, PUBLIC WORKS CS | AMERICAN CANYONNA PUBLIC WORKS CS | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE  
 205 WETLANDS EDGE  
 AMERICAN CANYON, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, EMI - CA, FRS]

Envirosite ID: 447070  
 EPA ID: N/R

CALEPA SITES - CA

Facility Name : AMERICAN CANYON, PUBLIC WORKS CS  
 Facility Address : 205 WETLANDS EDGE, AMERICAN CANYON, 94503

Site ID : 261888  
 EI ID : 630892  
 EI Description : Sewager Spills  
 Latitude : 38.166500  
 Longitude : -122.269203  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

CIWQS - CA

Facility Name : AMERICAN CANYON, PUBLIC WORKS CS  
 Facility Address : 205 WETLANDS EDGE, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : 630892  
 Agency Name : AMERICAN CANYON CITY PWD  
 Last Date in Agency List : 2022-03-22

EMI - CA

Facility Name : CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE  
 Facility Address : 205 WETLANDS EDGE ROAD, AMERICAN CANYON, 94589  
 County : Napa

Facility ID : 14431  
 Air Basin Code : San Francisco Bay Area  
 District : BAY AREA AQMD  
 County ID : NAP  
 SIC Code : 9199  
 CHAPIS : N/R  
 CERR Code : N/R  
 Last Date in Agency List : 2022-03-09

Additional Details

Year : 2018  
 Total Organic Gases (Tons/Year) : .000168998  
 Reactive Organic Gases (Tons/Year) : .000148464743  
 Carbon Monoxide (Tons/Year) : .000510338  
 Nitrogen Oxides (Tons/Year) : .002347448  
 Sulfur Oxides (Tons/Year) : .000001088  
 Particulate Matter (Tons/Year) : .000033525  
 Fine Particulate Matter (Tons/Year) : .000032184

Map Id: A6  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON, PUBLIC WORKS CS | AMERICAN CANYONNA PUBLIC WORKS CS | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE 205 WETLANDS EDGE AMERICAN CANYON, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, EMI - CA, FRS] **(cont.)**

**EnviroSite ID:** 447070  
**EPA ID:** N/R

FRS

Facility Name : AMERICAN CANYONNA PUBLIC WORKS CS  
 Facility Address : 205 WETLANDS EDGE, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Registry ID : 110064892987  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

FRS Environmental Interest

Source and System ID : CA-ENVIROVIEW - 261888

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA]

**EnviroSite ID:** 497422  
**EPA ID:** N/R

AST - CA

Facility Name : City of American Canyon Corp. Yard  
 Facility Address : 205 WETLANDS EDGE RD, AMERICAN CANYON, CA 94503

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

EnviroSite ID: 497422  
 EPA ID: N/R

AST - CA **(cont.)**

County : Napa County

Site Details

Site ID : 390033  
 Facility Identifier : N/R  
 EPA Identifier : CAL000286153  
 Facility Explorer ID : 390033  
 Dun and Bradstreet Number : N/R

Regulatory Programs : Aboveground Petroleum Storage, Household Hazardous Waste Collection, Chemical Storage Facilities, Hazardous Waste Generator

SIC : N/R  
 NAICS : N/R  
 Latitude : 38.166500  
 Longitude : -122.269203  
 Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-26

Violations

Violation Date : 2016-07-15

Citation : 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

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.

Notes : Returned to compliance on 08/15/2016.  
 Division : Napa County Department of Environmental Management  
 Program : HW  
 Source : CERS

Violation Date : 2016-07-15

Citation : HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)



Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

AST - CA **(cont.)**

Description : Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Notes : Returned to compliance on 07/28/2016.  
 Division : Napa County Department of Environmental Management  
 Program : HMRRP  
 Source : CERS

Violation Date : 2016-07-15

Citation : 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)

Description : Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.

Notes : Returned to compliance on 08/15/2016.  
 Division : Napa County Department of Environmental Management  
 Program : HW  
 Source : CERS

Violation Date : 2016-07-15

Citation : 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Description : Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Notes : Returned to compliance on 08/15/2016.  
 Division : Napa County Department of Environmental Management  
 Program : HW  
 Source : CERS

Violation Date : 2016-07-15

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

AST - CA **(cont.)**

Citation : 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)

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.

Notes : Returned to compliance on 08/15/2016.  
 Division : Napa County Department of Environmental Management  
 Program : HW  
 Source : CERS

Chemicals

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your EnviroSite account representative for a complimentary site report containing all of the details available.

Chemical Name : Asphaltic Emulsion  
 CAS Number : N/R  
 Hazard Type(s) : -  
 Max Daily Amount / Unit : 12-59 Gallons  
 Average Daily Amount / Unit : 12-59 Gallons  
 Days Onsite : 365  
 Physical State(s) : Liquid, Mix

Chemical Name : Diesel Fuel No. 2  
 CAS Number : 68476-34-6  
 Hazard Type(s) : -  
 Max Daily Amount / Unit : 600-1199 Gallons  
 Average Daily Amount / Unit : 600-1199 Gallons  
 Days Onsite : 365  
 Physical State(s) : Liquid, Pure

Chemical Name : Flares  
 CAS Number : N/R  
 Hazard Type(s) : -  
 Max Daily Amount / Unit : 60-119 Gallons

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

AST - CA **(cont.)**

Average Daily Amount / Unit : 12-59 Gallons  
 Days Onsite : 365  
 Physical State(s) : Liquid, Pure

Chemical Name : Gasoline  
 CAS Number : 86290-81-5  
 Hazard Type(s) : -  
 Max Daily Amount / Unit : 120-599 Gallons  
 Average Daily Amount / Unit : 120-599 Gallons  
 Days Onsite : 365  
 Physical State(s) : Liquid, Pure

Chemical Name : Laytex Paint  
 CAS Number : N/R  
 Hazard Type(s) : -  
 Max Daily Amount / Unit : 60-119 Gallons  
 Average Daily Amount / Unit : 12-59 Gallons  
 Days Onsite : 365  
 Physical State(s) : Liquid, Mix

CALEPA SITES - CA

Facility Name : CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE  
 Facility Address : 205 WETLANDS EDGE ROAD, AMERICAN CANYON, 94503-1138

Site ID : 450968  
 EI ID : 110013148361  
 EI Description : US EPA Air Emission Inventory System (EIS)  
 Latitude : 38.166650  
 Longitude : -122.268710  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Facility Name : CITY OF AMERICAN CANYON CORP. YARD  
 Facility Address : 205 WETLANDS EDGE RD, AMERICAN CANYON, 94503

Site ID : 390033  
 EI ID : 10170777  
 EI Description : Aboveground Petroleum Storage  
 Latitude : 38.166500  
 Longitude : -122.269203  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

CALEPA SITES - CA **(cont.)**

Site ID : 390033  
 EI ID : 10170777  
 EI Description : Chemical Storage Facilities  
 Latitude : 38.166500  
 Longitude : -122.269203  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Site ID : 390033  
 EI ID : 10170777  
 EI Description : Hazardous Waste Generator  
 Latitude : 38.166500  
 Longitude : -122.269203  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Site ID : 390033  
 EI ID : 10170777  
 EI Description : Household Hazardous Waste Collection  
 Latitude : 38.166500  
 Longitude : -122.269203  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

CIWQS 2 - CA

Facility Name : American Canyon, Public Works CS  
 Facility Address : 205 Wetlands Edge Road, American Canyon, 94503  
 County : Napa

Facility ID : 630892  
 WDID : N/R  
 Facility Type : Municipal/Domestic  
 Region : 2  
 Place Type : Utility  
 Place Subtype : Collection\_System  
 Agency Name : N/R  
 Agency Type : N/R  
 Number of Agencies : N/R  
 Status Date : N/R  
 Status : N/R  
 Status Enrollee : N/R  
 Individual/General : N/R  
 Fee Code : N/R  
 Staff Assigned : N/R



Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

CIWQS 2 - CA **(cont.)**

Number of Staff Assigned :	N/R
Supervisor :	N/R
Number of Supervisor :	N/R
Number of Amendments :	0
Number of Reg Measures :	N/R
Baseline Flow :	N/R
Population (MS4)/Acres :	N/R
Reclamation :	N/R
CAFO Type :	N/R
CAFO Subtype :	N/R
CAFO Population :	N/R
Onsite :	N/R
Quality Assurance :	N/R
RCRA Flag :	N/R
Total MMP Violations Number :	0
Total Number of Violations :	1
Total Number of Inspections :	0
Date of Most Recent Completed Inspection:	N/R
Date of Most Recent Received Report :	N/R
Total Number of Final (A+H) Enforcement Actions:	3
Most Recent Effective Date of Enf Action (A+H):	2010-07-01
Program :	WDR
Program Category :	WDR
Number of Programs :	N/R
Complexity :	N/R
Pretreatment :	N/R
Facility Waste Type :	N/R
Reg Measure ID :	N/R
Reg Measure Type :	N/R
Reg Measure Title :	N/R
Reg Measure Description :	N/R
SIC 1 :	-
SIC 2 :	-
SIC 3 :	-
Latitude :	N/R
Longitude :	N/R
Last Date in Agency List :	2022-05-06
Facility ID :	630892
WDID :	255010091
Facility Type :	Municipal/Domestic
Region :	2
Place Type :	Utility
Place Subtype :	Collection_System

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

CIWQS 2 - CA **(cont.)**

Agency Name :	American Canyon City PWD
Agency Type :	City Agency
Number of Agencies :	1
Status Date :	2006-04-11
Status :	Active
Status Enrollee :	Y
Individual/General :	I
Fee Code :	58 - Non15 Based on (TTWQ)/CPLX
Staff Assigned :	N/R
Number of Staff Assigned :	N/R
Supervisor :	N/R
Number of Supervisor :	N/R
Number of Amendments :	0
Number of Reg Measures :	1
Baseline Flow :	N/R
Population (MS4)/Acres :	N/R
Reclamation :	N/R
CAFO Type :	N/R
CAFO Subtype :	N/R
CAFO Population :	N/R
Onsite :	N/R
Quality Assurance :	N/R
RCRA Flag :	N/R
Total MMP Violations Number :	0
Total Number of Violations :	3
Total Number of Inspections :	0
Date of Most Recent Completed Inspection:	N/R
Date of Most Recent Received Report :	N/R
Total Number of Final (A+H) Enforcement Actions:	1
Most Recent Effective Date of Enf Action (A+H):	2017-09-21
Program :	SSOMUNISML
Program Category :	SSO
Number of Programs :	1
Complexity :	C
Pretreatment :	N/R
Facility Waste Type :	N/R
Reg Measure ID :	300325
Reg Measure Type :	Enrollee
Reg Measure Title :	Enrollee of SB SSO WDR for American Canyon, City Of
Reg Measure Description :	Enrollee record for the statewide general waste discharge requirements for wastewater collection system agencies.
SIC 1 :	-
SIC 2 :	-

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

CIWQS 2 - CA **(cont.)**

SIC 3 : -  
 Latitude : N/R  
 Longitude : N/R  
 Last Date in Agency List : 2022-05-06

ECHO

Facility Name : AMERICAN CANYON, CITY OF  
 Facility Address : 205 WETLANDS EDGE ROAD, AMERICAN CANYON, CA 94503  
 County : NAPA

Last Inspection Date : N/R  
 Registry ID : 110013148361  
 FIPS Code : 06055  
 EPA Region : 09  
 Inspection Count : 0  
 Last Inspection Days : N/R  
 Informal Count : 0  
 Last Informal Action Date : 2010-06-03  
 Formal Action Count : 4  
 Last Formal Action Date : 2020-07-20  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : 9  
 Programs IN SNC : 0  
 Current Compliance Status : Violation Identified  
 Three-Year Compliance Status : V\_VVVVVVVV  
 Collection Method : N/R  
 Reference Point : N/R  
 Accuracy Meters : N/R  
 Derived Tribes : Lytton Rancheria of California - 15.1 mile(s)  
 Derived HUC : 18050002  
 Derived WBD : 180500020401  
 Derived STCTY FIPS : 06055  
 Derived Zip : 94503  
 Derived CD113 : 05  
 Derived CB2010 : 060552010051083  
 MYRTK Universe : NNN  
 NPDES IDs : N/R  
 CWA Permit Types : N/R  
 CWA Compliance Tracking : N/R  
 CWA NAICS : N/R  
 CWA SICS : N/R  
 CWA Inspection Count : N/R  
 CWA Last Inspection Days : N/R

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

EnviroSite ID: 497422  
 EPA ID: N/R

ECHO (cont.)

CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	921190 - Other General Government Support
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	2020-07-20
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	2010-06-03
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	Y
RCRA Flag :	N
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	Y
Latitude :	38.16665
Longitude :	-122.26871
Last Date in Agency List :	2021-04-16

Facility Name :	AMERICAN CANYON, CITY OF-WTP MEMBRANE AMERICAN CANYON
Facility Address :	205 WETLANDS EDGE ROAD, AMERICAN CANYON, CA 94503
County :	NAPA

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

EnviroSite ID: 497422  
 EPA ID: N/R

ECHO (cont.)

Last Inspection Date :	N/R
Registry ID :	110013148361
FIPS Code :	06055
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	2010-06-03
Formal Action Count :	5
Last Formal Action Date :	2021-01-11
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	6
Programs IN SNC :	0
Current Compliance Status :	Violation Identified
Three-Year Compliance Status :	_VV_V_VVV
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	Lytton Rancheria of California - 15.1 mile(s)
Derived HUC :	18050002
Derived WBD :	180500020401
Derived STCTY FIPS :	06055
Derived Zip :	94503
Derived CD113 :	05
Derived CB2010 :	060552010051083
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R



Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

ECHO (cont.)

DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	921190 - Other General Government Support
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	2021-01-11
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	2010-06-03
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	Y
RCRA Flag :	N
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	Y
Latitude :	38.16665
Longitude :	-122.26871
Last Date in Agency List :	2021-10-15

Facility Name :	CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE
Facility Address :	205 WETLANDS EDGE ROAD, AMERICAN CANYON, CA 94503
County :	NAPA

Last Inspection Date :	N/R
Registry ID :	110013148361
FIPS Code :	06055
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	2010-06-03
Formal Action Count :	5
Last Formal Action Date :	2021-01-11
Total Penalties :	0
Penalty Count :	N/R

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

ECHO (cont.)

Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	7
Programs IN SNC :	0
Current Compliance Status :	Violation Identified
Three-Year Compliance Status :	VV_V_VVVVU
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	Lytton Rancheria of California - 15.1 mile(s)
Derived HUC :	18050002
Derived WBD :	180500020401
Derived STCTY FIPS :	06055
Derived Zip :	94503
Derived CD113 :	05
Derived CB2010 :	060552010051083
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	921190 - Other General Government Support
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	2021-01-11
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	2010-06-03
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

Envirosite ID: 497422  
 EPA ID: N/R

ECHO (cont.)

Current SNC Flag : N  
 Indian County Flag : N  
 Federal Flag : N/R  
 US Mexico Border Flag : N  
 Chesapeake Bay Flag : N/R  
 AIR Flag : N  
 NPDES Flag : N  
 SDWIS Flag : Y  
 RCRA Flag : N  
 TRI Flag : N  
 GHG Flag : N  
 Major Flag : N/R  
 Active Flag : Y  
 NAA Flag : Y  
 Latitude : 38.16665  
 Longitude : -122.26871  
 Last Date in Agency List : 2022-03-29

Facility Name : CITY OF AMERICAN CANYON CORPORATION YARD  
 Facility Address : 205 WETLANDS EDGE RD, AMERICAN CANYON, CA 94503  
 County : NAPA

Last Inspection Date : N/R  
 Registry ID : 110070457555  
 FIPS Code : N/R  
 EPA Region : 09  
 Inspection Count : 0  
 Last Inspection Days : N/R  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : 0  
 Programs IN SNC : 0  
 Current Compliance Status : No Violation Identified  
 Three-Year Compliance Status :  
 Collection Method : ADDRESS MATCHING (GEOCODING)  
 Reference Point : N/R  
 Accuracy Meters : N/R  
 Derived Tribes : N/R  
 Derived HUC : N/R  
 Derived WBD : N/R

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

EnviroSite ID: 497422  
 EPA ID: N/R

ECHO (cont.)

Derived STCTY FIPS :	N/R
Derived Zip :	N/R
Derived CD113 :	N/R
Derived CB2010 :	N/R
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	92119 - Other General Government Support
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

ECHO (cont.)

Active Flag : Y  
 NAA Flag : N  
 Latitude : 38.16669  
 Longitude : -122.268752  
 Last Date in Agency List : 2022-03-29

EMI - CA

Facility Name : CITY OF AMERICAN CANYON  
 Facility Address : 205 WETLANDS EDGE RD, AMERICAN CANYON, 94503  
 County : Napa

Facility ID : 108691  
 Air Basin Code : San Francisco Bay Area  
 District : BAY AREA AQMD  
 County ID : NAP  
 SIC Code : 9199  
 CHAPIS : N/R  
 CERR Code : N/R  
 Last Date in Agency List : 2022-03-09

Additional Details

Year : 2018  
 Total Organic Gases (Tons/Year) : .002743647  
 Reactive Organic Gases (Tons/Year) : .002743647  
 Carbon Monoxide (Tons/Year) : N/R  
 Nitrogen Oxides (Tons/Year) : N/R  
 Sulfur Oxides (Tons/Year) : N/R  
 Particulate Matter (Tons/Year) : N/R  
 Fine Particulate Matter (Tons/Year) : N/R

FRS

Facility Name : AMERICAN CANYON, CITY OF  
 Facility Address : 205 WETLANDS EDGE ROAD, AMERICAN CANYON, CA 94503-1138  
 County : NAPA

Site Details

Registry ID : 110013148361  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-17



Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

**EnviroSite ID:** 497422  
**EPA ID:** N/R

**FRS (cont.)**

Source Description  
 Source Description :

The Emission Inventory System (EIS) maintains an inventory of large stationary sources and voluntarily-reported smaller sources of air point pollution emitters. It contains information about facility sites and their physical location, emission units, emission processes, release points, control approaches, and regulations. Facility inventory data are kept separate from the emissions data and have stable identifiers to improve continuity from year to year and to help identify duplicate or missing facilities.

The Safe Drinking Water Information System Federal Data Warehouse contains information about public water systems and their violations of EPA's drinking water regulations.

FRS Environmental Interest  
 Source and System ID :

EIS - 14277411  
 SFDW - CA2810005  
 SFDW - CA2810005 1709  
 SFDW - CA2810005 57523  
 SFDW - CA2810005 57524

Facility Name :  
 Facility Address :  
 County :

CITY OF AMERICAN CANYON  
 205 WETLANDS EDGE RD, AMERICAN CANYON, CA 94503  
 NAPA

Site Details  
 Registry ID :  
 FRS Facility URL :  
 Last Date in Agency List :

110057100248  
[Click here for hyperlink provided by the agency.](#)  
 2022-05-11

Source Description  
 Source Description :

The California Environmental Reporting System (CERS) is a statewide web-based user and information exchange system to support over 140,000 regulated businesses and over 130 local agencies in electronically collecting and reporting significant hazardous materials, hazardous waste and compliance and enforcement data as mandated by California law. Under oversight by Cal/EPA, certified local governing agencies (Unified Program Agencies - UPAs) consolidate, coordinate and provide consistent regulatory activities for six state and federal environmental programs.

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

**EnviroSite ID:** 497422  
**EPA ID:** N/R

**FRS (cont.)**

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

**Source Description :**

The Emission Inventory System (EIS) maintains an inventory of large stationary sources and voluntarily-reported smaller sources of air point pollution emitters. It contains information about facility sites and their physical location, emission units, emission processes, release points, control approaches, and regulations. Facility inventory data are kept separate from the emissions data and have stable identifiers to improve continuity from year to year and to help identify duplicate or missing facilities.

**FRS Environmental Interest**  
**Source and System ID :**

CA-CERS - 10170777  
 CA-ENVIROVIEW - 105860  
 EIS - 18413011

**Facility Name :**  
**Facility Address :**  
**County :**

CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE  
 205 WETLANDS EDGE ROAD, AMERICAN CANYON, CA 94503-1138  
 NAPA

**Site Details**

**Registry ID :**  
**FRS Facility URL :**  
**Last Date in Agency List :**

110013148361  
[Click here for hyperlink provided by the agency.](#)  
 2022-05-11

**Source Description**

**Source Description :**

The Emission Inventory System (EIS) maintains an inventory of large stationary sources and voluntarily-reported smaller sources of air point pollution emitters. It contains information about facility sites and their physical location, emission units, emission processes, release points, control approaches, and regulations. Facility inventory data are kept separate from the emissions data and have stable identifiers to improve continuity from year to year and to help identify duplicate or missing facilities.

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

**Envirosite ID:** 497422  
**EPA ID:** N/R

FRS (cont.)

The Safe Drinking Water Information System Federal Data Warehouse contains information about public water systems and their violations of EPA's drinking water regulations.

FRS Environmental Interest  
 Source and System ID :

EIS - 14277411  
 SFDW - CA2810005  
 SFDW - CA2810005 1709  
 SFDW - CA2810005 57523  
 SFDW - CA2810005 57524

Facility Name :  
 Facility Address :  
 County :

CITY OF AMERICAN CANYON CORPORATION YARD  
 205 WETLANDS EDGE RD, AMERICAN CANYON, CA 94503  
 NAPA

Site Details

Registry ID :  
 FRS Facility URL :  
 Last Date in Agency List :

110070457555  
[Click here for hyperlink provided by the agency.](#)  
 2022-05-11

Source Description

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest  
 Source and System ID :

RCRAINFO - CAL000286153

HAZNET - CA

Facility Name :  
 Facility Address :

CITY OF AMERICAN CANYON CORPORATION YARD  
 205 WETLANDS EDGE RD, AMERICAN CANYON, CA 94503

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

EnviroSite ID: 497422  
 EPA ID: N/R

HAZNET - CA **(cont.)**

County : NAPA

Site Details

Generator EPA ID : CAL000286153  
 Active : Active  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 4381 BROADWAY, SUITE 201, AMERICAN CANYON, CA 945030000  
 Latitude : 38.16620731  
 Longitude : -122.26864191  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Waste Generator Details

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your EnviroSite account representative for a complimentary site report containing all of the details available.

State Waste :

- 2019: 331 - Off-specification, aged or surplus organics, 0.16600 tons to CAD059494310
- 2019: 343 - Unspecified organic liquid mixture, 1.44500 tons to AZR000515924
- 2018: 343 - Unspecified organic liquid mixture, 0.34000 tons to CAD059494310
- 2018: 223 - Unspecified oil-containing waste, 0.17500 tons to AZR000515924
- 2018: 512 - Other empty containers 30 gallons or more, 0.25000 tons to CAD009466392
- 2018: 331 - Off-specification, aged or surplus organics, 0.00250 tons to AZR000515924
- 2018: 122 - Alkaline solution without metals pH >= 12.5, 0.00400 tons to NVT330010000
- 2018: 331 - Off-specification, aged or surplus organics, 0.26400 tons to CAD059494310
- 2017: 331 - Off-specification, aged or surplus organics, 0.0075 tons to CAD059494310
- 2017: 343 - Unspecified organic liquid mixture, 0.153 tons to CAD059494310
- 2017: 232 - Pesticides and other waste associated with pesticide production, 0.02 tons to CAD059494310

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

EnviroSite ID: 497422  
 EPA ID: N/R

HAZNET - CA (cont.)

- 2017: 291 - Latex waste, 0.125 tons to AZR000515924
- 2017: 223 - Unspecified oil-containing waste, 0.6 tons to AZR000515924
- 2016: 331 - Off-specification, aged or surplus organics, 0.025 tons to CAD059494310
- 2016: 331 - Off-specification, aged or surplus organics, 0.02 tons to AZR000515924
- 2016: 343 - Unspecified organic liquid mixture, 0.085 tons to CAD059494310
- 2015: 331 - Off-specification, aged or surplus organics, 0.3215 tons to CAD059494310
- 2015: 223 - Unspecified oil-containing waste, 0.3 tons to NVT330010000
- 2015: 343 - Unspecified organic liquid mixture, 0.3128 tons to CAD059494310
- 2014: 291 - Latex waste, 0.125 tons to NVT330010000
- 2014: 331 - Off-specification, aged or surplus organics, 0.075 tons to CAD059494310
- 2014: 343 - Unspecified organic liquid mixture, 0.136 tons to CAD059494310
- 2013: 223 - Unspecified oil-containing waste, 0.225 tons to CAD980884183
- 2013: 352 - Other organic solids, 0.075 tons to CAD980884183
- 2011: 352 - Other organic solids, 0.015 tons to CAD059494310
- 2011: 223 - Unspecified oil-containing waste, 0.05 tons to NVT330010000
- 2011: 291 - Latex waste, 0.1251 tons to CAD059494310
- 2011: 343 - Unspecified organic liquid mixture, 0.034 tons to CAD980884183
- 2011: 343 - Unspecified organic liquid mixture, 0.017 tons to CAD059494310
- 2011: 291 - Latex waste, 0.10425 tons to NVT330010000

HIST AST - CA

Facility Name :	City of American Canyon Corp. Yard
Facility Address :	205 Wetlands Edge RD, American Canyon, CA 94503
County :	Napa

Site Details

CERS ID :	10170777
Facility ID :	N/R
EPA ID :	CAL000286153
Business Name :	City of American Canyon Corp. Yard
Phone :	(707) 647-4558
Fax :	(707) 643-2355
Mailing Address :	4381 Broadway, American Canyon, CA 94503
Owner Name :	City of American Canyon



Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

EnviroSite ID: 497422  
 EPA ID: N/R

HIST AST - CA **(cont.)**

Owner Phone : (707) 647-4558  
 Owner Mailing Address : 4381 Broadway, American Canyon, CA 94503  
 Property Owner Name : City of American Canyon  
 Property Owner Phone : (707) 647-4521  
 Property Owner Mailing Address : 4381 Broadway, American Canyon, CA 94503  
 Operator Name : City of American Canyon  
 Operator Phone : (707) 647-4558  
 CUPA : N/R  
 Total Gallons : N/R  
 Facility Latitude Measure : 38.1665  
 Facility Longitude Measure : -122.2692  
 Last Date in Agency List : 2018-01-31

HWG - CA

Facility Name : CITY OF AMERICAN CANYON CORPORATION YARD  
 Facility Address : 205 WETLANDS EDGE RD, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAL000286153  
 Status : Active  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 4381 BROADWAY, SUITE 201, AMERICAN CANYON, CA 945030000  
 Owner Name : CITY OF AMERICAN CANYON  
 Owner Address : 4381 BROADWAY, AMERICAN CANYON, CA 945039680  
 Operator Name : ERICA AHMANN SMITHIES  
 Operator Address : 4381 BROADWAY, SUITE 201, AMERICAN CANYON, CA 94503  
 Latitude : 38.166051  
 Longitude : -122.268539

MANIFEST EPA

Manifest Details

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your EnviroSite account representative for a complimentary site report containing all of the details available.

Manifest Number : 023157732JJK  
 Shipped Date : 2021-07-20  
 Updated Date : 2021-09-01  
 Received Date : 2021-08-04  
 Status : Signed  
 Generator ID : N/R  
 Generator Name : CITY OF AMERICAN CANYON CORPORATION YARD

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

MANIFEST EPA **(cont.)**

Generator Address : 205 WETLANDS EDGE ROAD, AMERICAN CANYON, CA 94503  
 Generator Mailing : 205 WETLANDS EDGE ROAD, AMERICAN CANYON, CA 94503  
 Generator Contact : N/R  
 Destination ID : NVT330010000  
 Destination Name : US ECOLOGY NEVADA, INC.  
 Destination Mailing : HWY 95 11 MILES S. OF BEATTY, BEATTY, NV 89003  
 Destination Address : HWY 95 11 MILES S. OF BEATTY, BEATTY, NV 89003  
 Destination Contact : N/R  
 Submission Type : DataImage5Copy  
 Origin Type : Service  
 Manifest Residue : N  
 Rejection : N  
 Last Date in Agency List : 2022-03-20

Waste Details

Waste Line Number : 1  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R  
 Non Waste Description : LATEX PAINT / COM. PACK  
 Quantity : 25 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.0125, 0, 0.0125  
 Quantity Kg, Acute, Non-Acute : 0, 11.337875  
 Management Method : H039 - OTHER RECOVERY OR RECLAMATION FOR REUSE  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 291

Waste Line Number : 2  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R  
 Non Waste Description : OILY DEBRIS  
 Quantity : 175 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.0875, 0, 0.0875  
 Quantity Kg, Acute, Non-Acute : 0, 79.36513  
 Management Method : H132 - LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 223

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

MANIFEST EPA **(cont.)**

Manifest Details

Manifest Number : 023157733JJK  
 Shipped Date : 2021-07-20  
 Updated Date : 2021-08-24  
 Received Date : 2021-08-04  
 Status : Signed  
 Generator ID : CAL000286153  
 Generator Name : CITY OF AMERICAN CANYON CORPORATION YARD  
 Generator Address : 205 WETLANDS EDGE RD, AMERICAN CANYON, CA 94503  
 Generator Mailing : 205 WETLANDS EDGE RD, AMERICAN CANYON, CA 94503  
 Generator Contact : N/R  
 Destination ID : AZR000515924  
 Destination Name : YUMA YES WASTE TRANSFER FACILITY  
 Destination Mailing : 2730 E. 13TH ST., YUMA, AZ 85365  
 Destination Address : 2730 E 13TH ST, YUMA, AZ 85365  
 Destination Contact : N/R  
 Submission Type : DatImage5Copy  
 Origin Type : Service  
 Manifest Residue : N  
 Rejection : N  
 Last Date in Agency List : 2022-03-20

Waste Details

Waste Line Number : 1  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R  
 Non Waste Description : NON-RCRA HAZARDOUS WASTE, SOLID (INK TONER/CARTRIDGES)  
 Quantity : 15 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.0075, 0, 0.0075  
 Quantity Kg, Acute, Non-Acute : 0, 6.802725  
 Management Method : H141 - STORAGE, BULKING AND/OR TRANSFER OFF SITE  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 331

Manifest Details

Manifest Number : 021763899JJK  
 Shipped Date : 2020-11-10  
 Updated Date : 2020-12-03  
 Received Date : 2020-11-20  
 Status : Signed  
 Generator ID : CAL000286153  
 Generator Name : CITY OF AMERICAN CANYON CORPORATION YARD

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

MANIFEST EPA (cont.)

Generator Address : 205 WETLANDS EDGE RD, AMERICAN CANYON, CA 94503  
 Generator Mailing : 4381 BROADWAY, SUITE 201, AMERICAN CANYON, CA 94503-0000  
 Generator Contact : N/R  
 Destination ID : NVT330010000  
 Destination Name : US ECOLOGY NEVADA, INC  
 Destination Mailing : PO BOX 578, BEATTY, NV 89003  
 Destination Address : HWY 95 11 MI S OF BEATTY, BEATTY, NV 89003  
 Destination Contact : N/R  
 Submission Type : DataImage5Copy  
 Origin Type : Service  
 Manifest Residue : N  
 Rejection : N  
 Last Date in Agency List : 2022-03-20

Waste Details

Waste Line Number : 1  
 Is DOT Hazardous : Y  
 DOT ID Number : NA3077  
 DOT Information : RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, PG III  
 Non Waste Description : N/R  
 Quantity : 95 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.0475, 0, 0.0475  
 Quantity Kg, Acute, Non-Acute : 0, 43.083927  
 Management Method : H132 - LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)  
 Is EPA Waste : Y  
 Federal Code : D004, D008  
 State Code : CA - 352

Manifest Details

Manifest Number : 020062987JJK  
 Shipped Date : 2020-04-30  
 Updated Date : 2020-05-27  
 Received Date : 2020-05-05  
 Status : Signed  
 Generator ID : CAL000286153  
 Generator Name : City of American Canyon Corp Yard  
 Generator Address : 205 Wetlands Edge Road, American Canyon, CA 94503  
 Generator Mailing : 205 Wetlands Edge Road, American Canyon, CA 94503  
 Generator Contact : City of American Canyon Corp Yard  
 Destination ID : CAD059494310  
 Destination Name : Clean Harbors San Jose LLC  
 Destination Mailing : 1021 Berryessa Road, San Jose, CA 95133  
 Destination Address : 1021 Berryessa Road, San Jose, CA 95133  
 Destination Contact : N/R

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

MANIFEST EPA **(cont.)**

Submission Type : DataImage5Copy  
 Origin Type : Service  
 Manifest Residue : N  
 Rejection : N  
 Last Date in Agency List : 2022-03-20

Waste Details

Waste Line Number : 1  
 Is DOT Hazardous : Y  
 DOT ID Number : UN1263  
 DOT Information : RQ, UN1263, WASTE PAINT RELATED MATERIAL, 3, PG II (D001)  
 Non Waste Description : N/R  
 Quantity : 25 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.0125, 0, 0.0125  
 Quantity Kg, Acute, Non-Acute : 0, 11.337875  
 Management Method : H141 - STORAGE, BULKING AND/OR TRANSFER OFF SITE  
 Is EPA Waste : Y  
 Federal Code : D001  
 State Code : CA - 331

Manifest Details

Manifest Number : 020062988JJK  
 Shipped Date : 2020-04-30  
 Updated Date : 2020-12-07  
 Received Date : 2020-05-11  
 Status : Corrected  
 Generator ID : CAL000286153  
 Generator Name : CITY OF AMERICAN CANYON CORPORATION YARD  
 Generator Address : 205 WETLANDS EDGE RD, AMERICAN CANYON, CA 94503  
 Generator Mailing : 4381 BROADWAY, SUITE 201, AMERICAN CANYON, CA 94503-0000  
 Generator Contact : N/R  
 Destination ID : NVT330010000  
 Destination Name : US ECOLOGY NEVADA, INC  
 Destination Mailing : PO BOX 578, BEATTY, NV 89003  
 Destination Address : HWY 95 11 MI S OF BEATTY, BEATTY, NV 89003  
 Destination Contact : N/R  
 Submission Type : DataImage5Copy  
 Origin Type : Service  
 Manifest Residue : N  
 Rejection : N  
 Last Date in Agency List : 2022-03-20



Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

MANIFEST EPA (cont.)

Waste Details

Waste Line Number : 1  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R  
 Non Waste Description : USED OIL / COMMODITY PACK - GENERIC  
 Quantity : 425 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.2125, 0, 0.2125  
 Quantity Kg, Acute, Non-Acute : 0, 192.74388  
 Management Method : H039 - OTHER RECOVERY OR RECLAMATION FOR REUSE  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 223

Waste Line Number : 2  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R  
 Non Waste Description : LATEX PAINT / COM. PACK  
 Quantity : 150 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.075, 0, 0.075  
 Quantity Kg, Acute, Non-Acute : 0, 68.02725  
 Management Method : H039 - OTHER RECOVERY OR RECLAMATION FOR REUSE  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 291

Waste Line Number : 3  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R  
 Non Waste Description : OILY DEBRIS  
 Quantity : 50 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.025, 0, 0.025  
 Quantity Kg, Acute, Non-Acute : 0, 22.67575  
 Management Method : H132 - LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 223

RCRA\_NONGEN

Facility Name : CITY OF AMERICAN CANYON CORPORATION YARD  
 Facility Address : 205 WETLANDS EDGE RD, AMERICAN CANYON, CA 94503  
 County : NAPA

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

RCRA\_NONGEN (cont.)

Date Form Received by Agency : 2004-09-01  
 EPA ID : CAL000286153  
 Mailing Address : 4381 BROADWAY, SUITE 201, AMERICAN CANYON, CA 94503-0000  
 Contact : STACEY AMBROSE  
 Contact Address : 151 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 Contact Country : N/R  
 Contact Telephone : 707-647-4542  
 Contact Email : SAMBROSE@CITYOFAMERICANCANYON.ORG  
 EPA Region : 09  
 Land Type : Not Reported  
 Source Type : Implementer  
 Classification : Not a generator, verified  
 Description : Not a generator, verified  
 Last Date in Agency List : 2022-04-27

Owner/Operator Summary

Owner/Operator Name : CITY OF AMERICAN CANYON  
 Owner/Operator Address : 4381 BROADWAY, AMERICAN CANYON, CA 94503-9680  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 707-647-4360  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Owner  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Owner/Operator Name : STACEY AMBROSE  
 Owner/Operator Address : 151 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 707-647-4542  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Operator  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste : N  
 Mixed Waste (Haz. and Radioactive) : N  
 Recycler of Hazardous Waste : N  
 Transporter of Hazardous Waste : N

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

RCRA\_NONGEN (cont.)

Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N
-----------------------	---

RFR - CA

Facility Name :	American Canyon, Public Works CS
Facility Address :	205 Wetlands Edge Road, American Canyon, CA 94503
County :	Napa

Effective Date :	2006-04-11
Adoption Date :	N/R
Termination Date :	N/R
Expiration/Review Date :	N/R
NPDES Number :	N/R
Order Number :	2006-0003-DWQ
WDID :	2SSO10091
SIC/NAICS :	N/R
Program :	SSOMUNISML
Regulatory Measure Status :	Active
Regulatory Measure Type :	Enrollee
Place/Project Type :	Collection_System
Region :	2
Design Flow :	N/R
Major/Minor :	Minor
Complexity :	C
TTWQ :	3
Number of Enforcement Actions within Five Years:	1
Number of Violations within Five Years:	N/R
Agency :	American Canyon City PWD
Agency Address :	4381 Broadway Street Suite 201, American Canyon, CA 94503
Latitude :	N/R
Longitude :	N/R

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

Envirosite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST AST - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN, RFR - CA, WDS - CA] **(cont.)**

RFR - CA **(cont.)**

Last Date in Agency List : 2022-03-07

WDS - CA

Facility Address : 205 Wetlands Edge Road Road, American Canyon, 94503  
 County : Napa

WDID : 2SSO10091  
 SSS Event ID : 726585  
 Spill Type : Category 3  
 Start Date : 2008.09.19 09.00.00  
 Spill Address : 205 Wetlands Edge Road Road, American Canyon, 94503  
 Spill Location Name : 205 Wetlands Edge Rd (City Of American Canyon Corp Yard)  
 Spill Location Description : Emergency Over Flow pon in City corporation yard  
 Agency : American Canyon City PWD  
 Collection System : American Canyon, Public Works CS

Overall Spill Description : Pipe structural problem/failure Slow leaking valve and closed valve caused the diversion to the emergency over flow pond caused 150 gallons of sewage to spill from Other (specify) Leaking control valve at 205 Wetlands Edge Rd (City Of American Canyon Corp Yard) to Other (specify below) Emergency over flow pond. Surface water body affected = No

Spill Cause : Pipe structural problem/failure

Spill Cause Explanation : Slow leaking valve and closed valve caused the diversion to the emergency over flow pond

Where Failure Occur : Main  
 Where Failure Occur Explanation : N/R  
 Agency Notification Date : 2008.09.19 09.00.00  
 Operator Approval Date : 2008.09.19 09.00.00  
 Estimated End Date : 2008.09.19 10.00.00

Response Activities : Cleaned-up (mitigated effects of spill);Contained all or portion of spill; Returned all or portion of spill to sanitary sewer system

Response Activities Explanation : N/R  
 Response Complete Date : N/R  
 Appearance Point : Other (specify)  
 Appearance Point Explanation : Leaking control valve  
 Reach Surface : No  
 Reach Surface Drainpipe : No  
 Return to SSS : Not Applicable - Spill did not reach storm drainpipe  
 Private Lateral Spill : No  
 Final Spill Destination : Other (specify below)

Map Id: A7  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

EnviroSite ID: 497422  
 EPA ID: N/R

**Site Name :** CITY OF AMERICAN CANYON  
 CORPORATION YARD | CITY OF  
 AMERICAN CANYON /ACCOUNTS PAYABLE  
 | CITY OF AMERICAN CANYON  
 205 WETLANDS EDGE ROAD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [AST - CA, CALEPA SITES - CA, CIWQS 2 -  
 CA, ECHO, EMI - CA, FRS, HAZNET - CA,  
 HIST AST - CA, HWG - CA, MANIFEST EPA,  
 RCRA\_NONGEN, RFR - CA, WDS - CA]  
**(cont.)**

WDS - CA (cont.)

Final Spill Destination Explanation :	Emergency over flow pond
Spill Volume Reached Land :	0
Spill Volume Discharge A :	0
Spill Volume Discharge B :	0
Spill Volume Discharge C :	0
Spill Volume Discharge D :	0
Spill Volume Discharge E :	0
Spill Volume Discharge F :	0
Spill Volume Discharge G :	0
Spill Volume Discharge H :	0
Spill Volume :	150
Spill Volume Recover :	150
Spill Volume Reach Surface :	0
Spill Rate :	0
Region :	2
Certificate Person Name :	Larry Luporini
Certificate Person Title :	Public Works Superintendent
Certificate Location :	1/31/2011
Certificate ID :	205707
Certificate Date :	2011.01.31 00.00.00
Diameter of Sewer :	26
Material of Sewer Pipe :	DI
Age Sewer Pipe :	30
Visual Inspection Result :	N/R
Health Warning Post :	N/R
Beach Impact :	N/R
Surface Water Impact :	N/R
Ongoing Investigate :	N/R
Sample Analyzed for :	N/R
Sample Analyzed for Explanation :	N/R
Sample Reported to :	N/R
Sample Reported to Explanation :	N/R
Corrective Action :	N/R
Response Correct Action Taken :	NA
OES Control Number :	N/R
OES Called Date :	N/R
Latitude :	38.170002
Longitude :	122.26
Last Date in Agency List :	2018-11-01



Map Id: A8  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WATER RECLAMATION FACILITY (WRF) (FORMERLY WWTP) | CDM  
 151 MEZZETTA  
 AMERICAN CANYON, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, HAZNET - CA, HWG - CA]

**EnviroSite ID:** 536675  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : AMERICAN CANYON WATER RECLAMATION FACILITY (WRF) (FORMERLY WWTP)  
 Facility Address : 151 MEZZETTA, AMERICAN CANYON, 94503

Site ID : 91576  
 EI ID : 205477  
 EI Description : NPDES Wastewater and Stormwater  
 Latitude : 38.187900  
 Longitude : -122.277100  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-10-14

CIWQS - CA

Facility Name : AMERICAN CANYON WATER RECLAMATION FACILITY (WRF) (FORMERLY WWTP)  
 Facility Address : 151 MEZZETTA, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : 205477  
 Agency Name : AMERICAN CANYON CITY PWD  
 Last Date in Agency List : 2022-03-22

HAZNET - CA

Facility Name : CDM  
 Facility Address : 151 MEZZETTA, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAC002556239  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : TEMPORARY  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 2151 RIVER PLAZA DR STE 200, SACRAMENTO, CA 95833  
 Latitude : 38.19072629  
 Longitude : -122.27583175  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Waste Generator Details

State Waste : 2002: 223 - Unspecified oil-containing waste, 1.22598 tons to CAD044003556

Map Id: A8  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WATER RECLAMATION FACILITY (WRF) (FORMERLY WWTP) | CDM  
 151 MEZZETTA  
 AMERICAN CANYON, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, HAZNET - CA, HWG - CA] **(cont.)**

**EnviroSite ID:** 536675  
**EPA ID:** N/R

HWG - CA

Facility Name :	CDM
Facility Address :	151 MEZZETTA, AMERICAN CANYON, CA 94503
County :	NAPA
EPA ID :	CAC002556239
Status :	Inactive
Category :	STATE
Type :	TEMPORARY
Facility Type :	N/R
Mailing Address :	2151 RIVER PLAZA DR STE 200, SACRAMENTO, CA 95833
Owner Name :	CDM
Owner Address :	2151 RIVER PLAZA DR STE 200, SACRAMENTO, CA 95833
Operator Name :	COLE CARPENTAR
Operator Address :	151 MEZZETTA, AMERICAN CANYON, CA 94503
Latitude :	38.191263
Longitude :	-122.275371

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2]

**EnviroSite ID:** 735190  
**EPA ID:** N/R

AFS

Facility Name :	NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY
Facility Address :	END EUCALYPTUS RD, NAPA, CA 94558
County :	Napa

Facility Summary

Program System ID :	CABAA00006055A9183
Facility Registry ID :	110010474030
EPA Region :	EPA Region 9 - AZ, CA, HI, NV, AS, GU
SIC :	4953 - REFUSE SYSTEMS
NAICS :	562211 - Hazardous Waste Treatment and Disposal
Facility Type :	Privately Owned Facility
Air Pollutant Class :	Major Emissions
Air Operating Status :	Operating

Current High Priority Violation (HPV):	Local agency is lead enforcement agency, High Priority Violation has not been addressed by a formal enforcement action
--	--

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

**Envirosite ID:** 735190  
**EPA ID:** N/R

**AFS (cont.)**

Local Control Region Name : Bay Area Air Quality Management District (Grantee)  
 Last Date in Agency List : 2022-05-05

**Air Pollutant Details**

Program System ID : CABAA00006055A9183  
 Pollutant : ADMIN  
 Substance Registry Services ID (SRS): N/R  
 Chemical Abstract Service Number : N/R  
 Air Pollutant Class : Major Emissions

Program System ID : CABAA00006055A9183  
 Pollutant : FACIL  
 Substance Registry Services ID (SRS): N/R  
 Chemical Abstract Service Number : N/R  
 Air Pollutant Class : Major Emissions

Program System ID : CABAA00006055A9183  
 Pollutant : ORGANIC ACIDS  
 Substance Registry Services ID (SRS): 761262  
 Chemical Abstract Service Number : N/R  
 Air Pollutant Class : Minor Emissions

**Air Violation History Details**

HPV Day Zero Date : 2022-01-13  
 HPV Resolved Date : N/R  
 Program System ID : CABAA00006055A9183  
 Activity ID : 3603002705  
 Agency Type : Local  
 State Code : CA  
 Air Local Control Region Code (LCON): BAA  
 Comp Determination UID : CABAAA91268  
 Enforcement Response Policy : High Priority Violation  
 Program : Title V Permits  
 Pollutant : VOLATILE ORGANIC COMPOUNDS (VOCS)  
 Earliest Determination Date of Federally Reportable Violation (FRV): 2022-01-13

HPV Day Zero Date : 2021-09-13  
 HPV Resolved Date : N/R  
 Program System ID : CABAA00006055A9183  
 Activity ID : 3602930368  
 Agency Type : Local  
 State Code : CA  
 Air Local Control Region Code (LCON): BAA  
 Comp Determination UID : CABAAA90109  
 Enforcement Response Policy : High Priority Violation  
 Program : Title V Permits  
 Pollutant : VOLATILE ORGANIC COMPOUNDS (VOCS)

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

Envirosite ID: 735190  
 EPA ID: N/R

AFS **(cont.)**

Earliest Determination Date of Federally Reportable Violation (FRV): 2021-09-13

HPV Day Zero Date : 2021-09-13  
 HPV Resolved Date : N/R  
 Program System ID : CABAA00006055A9183  
 Activity ID : 3602930371  
 Agency Type : Local  
 State Code : CA  
 Air Local Control Region Code (LCON): BAA  
 Comp Determination UID : CABAAA90110  
 Enforcement Response Policy : High Priority Violation  
 Program : Title V Permits  
 Pollutant : N/R  
 Earliest Determination Date of Federally Reportable Violation (FRV): 2021-09-13

HPV Day Zero Date : 2021-09-13  
 HPV Resolved Date : N/R  
 Program System ID : CABAA00006055A9183  
 Activity ID : 3602930376  
 Agency Type : Local  
 State Code : CA  
 Air Local Control Region Code (LCON): BAA  
 Comp Determination UID : CABAAA90111  
 Enforcement Response Policy : High Priority Violation  
 Program : Title V Permits  
 Pollutant : VOLATILE ORGANIC COMPOUNDS (VOCS)  
 Earliest Determination Date of Federally Reportable Violation (FRV): 2021-09-13

HPV Day Zero Date : 2021-09-13  
 HPV Resolved Date : N/R  
 Program System ID : CABAA00006055A9183  
 Activity ID : 3602930382  
 Agency Type : Local  
 State Code : CA  
 Air Local Control Region Code (LCON): BAA  
 Comp Determination UID : CABAAA90112  
 Enforcement Response Policy : High Priority Violation  
 Program : Title V Permits  
 Pollutant : N/R  
 Earliest Determination Date of Federally Reportable Violation (FRV): 2021-09-13

HPV Day Zero Date : 2004-04-20  
 HPV Resolved Date : 2006-06-12  
 Program System ID : CABAA00006055A9183  
 Activity ID : 3400398432  
 Agency Type : Local  
 State Code : CA

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT  
 AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO,  
 EMI - CA, FRS, HIST AFS 2] **(cont.)**

EnviroSite ID: 735190  
 EPA ID: N/R

AFS **(cont.)**

Air Local Control Region Code (LCON): BAA  
 Comp Determination UID : CABAAA000006055A918300010  
 Enforcement Response Policy : High Priority Violation  
 Program : Title V Permits  
 Pollutant : FACIL  
 Earliest Determination Date of Federally  
 Reportable Violation (FRV): N/R

HPV Day Zero Date : 2003-06-25  
 HPV Resolved Date : 2006-06-12  
 Program System ID : CABAA00006055A9183  
 Activity ID : 3400398434  
 Agency Type : Local  
 State Code : CA  
 Air Local Control Region Code (LCON): BAA  
 Comp Determination UID : CABAAA000006055A918300024  
 Enforcement Response Policy : High Priority Violation  
 Program : Title V Permits  
 Pollutant : N/R  
 Earliest Determination Date of Federally  
 Reportable Violation (FRV): N/R

HPV Day Zero Date : N/R  
 HPV Resolved Date : N/R  
 Program System ID : CABAA00006055A9183  
 Activity ID : 3400472918  
 Agency Type : Local  
 State Code : CA  
 Air Local Control Region Code (LCON): BAA  
 Comp Determination UID : CABAAA000A9183VFACIL1  
 Enforcement Response Policy : Federally-Reportable Violation  
 Program : Title V Permits  
 Pollutant : FACIL  
 Earliest Determination Date of Federally  
 Reportable Violation (FRV): N/R

HPV Day Zero Date : N/R  
 HPV Resolved Date : N/R  
 Program System ID : CABAA00006055A9183  
 Activity ID : 3603002701  
 Agency Type : Local  
 State Code : CA  
 Air Local Control Region Code (LCON): BAA  
 Comp Determination UID : CABAAA91267  
 Enforcement Response Policy : Federally-Reportable Violation  
 Program : Title V Permits  
 Pollutant : ADMIN  
 Earliest Determination Date of Federally  
 Reportable Violation (FRV): 2022-01-13



Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

**EnviroSite ID:** 735190  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 Facility Address : END EUCALYPTUS ROAD, NAPA, 94558

Site ID : 482491  
 EI ID : 110010474030  
 EI Description : US EPA Air Emission Inventory System (EIS)  
 Latitude : 38.176720  
 Longitude : -122.282440  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

DOCKET

Facility Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 Facility Address : END EUCALYPTUS RD, NAPA, CA 94558

Site Activity Details

Enforcement Action Case Number : CABAAA000006055A918300011  
 Activity ID : 3400669136  
 Enforcement Action Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 Last Date in Agency List : 2018-12-17

Final Ordr Iss/Final Order Enter Date: N/R  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : N/R  
 Final Order Name : N/R

Complaint Summary

Respondent/Defendant Name : N/R  
 Named in Complaint : N/R  
 Named in Final Order : N/R

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : N/R

Standard Industrial Classification (SIC) Summary

Registry ID : 110010474030  
 Primary SIC : 4953 - REFUSE SYSTEMS  
 Primary NAICS : 562211 - Hazardous Waste Treatment and Disposal

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

**EnviroSite ID:** 735190  
**EPA ID:** N/R

**DOCKET (cont.)**

Settlement FRS ICIS Facility : N/R - N/R

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : 2004-04-20  
 Enforcement Action Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY 06055A918300011  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CAA OTHER - Violations not covered elsewhere

**Violation Penalties and Compliance Summary**

Compliance Action Cost : N/R  
 EPA Penalty Assessed Amount : N/R  
 Cost Recovery Required : N/R  
 Cost of SEP : N/R  
 Cost of Complying Actions : N/R

**Site Activity Details**

Enforcement Action Case Number : CABAAA000006055A918300020  
 Activity ID : 3400669127  
 Enforcement Action Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 Last Date in Agency List : 2019-02-25

Final Ordr Iss/Final Order Enter Date: 2004-06-03  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : 2004-06-03  
 Final Order Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY 06055A918300020

**Complaint Summary**

Respondent/Defendant Name : N/R  
 Named in Complaint : N/R  
 Named in Final Order : N/R

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : N/R

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

**EnviroSite ID:** 735190  
**EPA ID:** N/R

**DOCKET (cont.)**

Standard Industrial Classification (SIC) Summary

Registry ID : 110010474030  
 Primary SIC : 4953 - REFUSE SYSTEMS  
 Primary NAICS : 562211 - Hazardous Waste Treatment and Disposal

Settlement FRS ICIS Facility : 3400118354 - NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : N/R  
 Enforcement Action Name : N/R  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CAA OTHER - Violations not covered elsewhere

Violation Penalties and Compliance Summary

Compliance Action Cost : 0  
 EPA Penalty Assessed Amount : 0  
 Cost Recovery Required : N/R  
 Cost of SEP : 0  
 Cost of Complying Actions : N/R

Site Activity Details

Enforcement Action Case Number : CABAAA000006055A918300025  
 Activity ID : 3400669125  
 Enforcement Action Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 Last Date in Agency List : 2019-02-25

Final Ordr Iss/Final Order Enter Date: 2003-08-21  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : 2003-08-21  
 Final Order Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY 06055A918300025

Complaint Summary

Respondent/Defendant Name : N/R  
 Named in Complaint : N/R  
 Named in Final Order : N/R

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

**Envirosite ID:** 735190  
**EPA ID:** N/R

**DOCKET (cont.)**

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : N/R

**Standard Industrial Classification (SIC) Summary**

Registry ID : 110010474030  
 Primary SIC : 4953 - REFUSE SYSTEMS  
 Primary NAICS : 562211 - Hazardous Waste Treatment and Disposal

Settlement FRS ICIS Facility : 3400118354 - NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : N/R  
 Enforcement Action Name : N/R  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CAA OTHER - Violations not covered elsewhere

**Violation Penalties and Compliance Summary**

Compliance Action Cost : 0  
 EPA Penalty Assessed Amount : 0  
 Cost Recovery Required : N/R  
 Cost of SEP : 0  
 Cost of Complying Actions : N/R

**Site Activity Details**

Enforcement Action Case Number : CABAAA000006055A918300027  
 Activity ID : 3400669134  
 Enforcement Action Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 Last Date in Agency List : 2018-12-17

Final Ordr Iss/Final Order Enter Date: N/R  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : N/R  
 Final Order Name : N/R

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

**EnviroSite ID:** 735190  
**EPA ID:** N/R

**DOCKET (cont.)**

Complaint Summary

Respondent/Defendant Name : N/R  
 Named in Complaint : N/R  
 Named in Final Order : N/R

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : N/R

Standard Industrial Classification (SIC) Summary

Registry ID : 110010474030  
 Primary SIC : 4953 - REFUSE SYSTEMS  
 Primary NAICS : 562211 - Hazardous Waste Treatment and Disposal

Settlement FRS ICIS Facility : N/R - N/R

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : 2003-06-25  
 Enforcement Action Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY 06055A918300027  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CAA OTHER - Violations not covered elsewhere

Violation Penalties and Compliance Summary

Compliance Action Cost : N/R  
 EPA Penalty Assessed Amount : N/R  
 Cost Recovery Required : N/R  
 Cost of SEP : N/R  
 Cost of Complying Actions : N/R

Site Activity Details

Enforcement Action Case Number : CABAAA000006055A918300040  
 Activity ID : 3400669132  
 Enforcement Action Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 Last Date in Agency List : 2018-12-17



Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

**EnviroSite ID:** 735190  
**EPA ID:** N/R

**DOCKET (cont.)**

Final Ordr Iss/Final Order Enter Date: N/R  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : N/R  
 Final Order Name : N/R

**Complaint Summary**

Respondent/Defendant Name : N/R  
 Named in Complaint : N/R  
 Named in Final Order : N/R

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : N/R

**Standard Industrial Classification (SIC) Summary**

Registry ID : 110010474030  
 Primary SIC : 4953 - REFUSE SYSTEMS  
 Primary NAICS : 562211 - Hazardous Waste Treatment and Disposal

Settlement FRS ICIS Facility : N/R - N/R

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : 2004-04-20  
 Enforcement Action Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY 06055A918300040  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CAA OTHER - Violations not covered elsewhere

**Violation Penalties and Compliance Summary**

Compliance Action Cost : N/R  
 EPA Penalty Assessed Amount : N/R  
 Cost Recovery Required : N/R  
 Cost of SEP : N/R  
 Cost of Complying Actions : N/R

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

**EnviroSite ID:** 735190  
**EPA ID:** N/R

**DOCKET (cont.)**

Site Activity Details

Enforcement Action Case Number : CABAAA000006055A918300041  
 Activity ID : 3400669129  
 Enforcement Action Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 Last Date in Agency List : 2018-12-17

Final Ordr Iss/Final Order Enter Date: N/R  
 Complaint/Proposed Order Actual Date: N/R  
 Final Order Issued Actual Date : N/R  
 Final Order Name : N/R

Complaint Summary

Respondent/Defendant Name : N/R  
 Named in Complaint : N/R  
 Named in Final Order : N/R

SEP Category : N/R  
 SEP Description : N/R

Regional Docket Number : N/R

Standard Industrial Classification (SIC) Summary

Registry ID : 110010474030  
 Primary SIC : 4953 - REFUSE SYSTEMS  
 Primary NAICS : 562211 - Hazardous Waste Treatment and Disposal

Settlement FRS ICIS Facility : N/R - N/R

Pollutants (SRS) : N/R

Admin EA Closed Actual Date : 2003-06-25  
 Enforcement Action Name : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY 06055A918300041  
 Enforcement Action Resolution : N/R

Violation Types : N/R

Case Law Sections : CAA OTHER - Violations not covered elsewhere

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

EnviroSite ID: 735190  
 EPA ID: N/R

DOCKET **(cont.)**

Violation Penalties and Compliance Summary

Compliance Action Cost :	N/R
EPA Penalty Assessed Amount :	N/R
Cost Recovery Required :	N/R
Cost of SEP :	N/R
Cost of Complying Actions :	N/R

ECHO

Facility Name :	NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY
Facility Address :	END EUCALYPTUS ROAD, NAPA, CA 94558
County :	NAPA

Last Inspection Date :	2019-08-08
Registry ID :	110010474030
FIPS Code :	06055
EPA Region :	09
Inspection Count :	3
Last Inspection Days :	955
Informal Count :	6
Last Informal Action Date :	2022-01-13
Formal Action Count :	0
Last Formal Action Date :	2004-06-03
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	2004-06-03
Last Penalty Amount :	400
QTRS IN NC :	3
Programs IN SNC :	1
Current Compliance Status :	Significant Violation
Three-Year Compliance Status :	SSS
Collection Method :	UNKNOWN
Reference Point :	AIR RELEASE STACK
Accuracy Meters :	36001
Derived Tribes :	Lytton Rancheria of California - 15.7 mile(s)
Derived HUC :	18050002
Derived WBD :	180500020801
Derived STCTY FIPS :	06055
Derived Zip :	94503
Derived CD113 :	05
Derived CB2010 :	060552010051061
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

EnviroSite ID: 735190  
 EPA ID: N/R

ECHO **(cont.)**

CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	4953
Facility NAICS :	562211 - Hazardous Waste Treatment and Disposal
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	2019-08-08
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	2004-06-03
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	2022-01-13
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeake Bay Flag :	N/R
AIR Flag :	Y
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	N
TRI Flag :	N
GHG Flag :	N
Major Flag :	Y
Active Flag :	Y
NAA Flag :	Y
Latitude :	38.17672
Longitude :	-122.28244
Last Date in Agency List :	2022-03-29

EMI - CA

Facility Name :	NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY
Facility Address :	END EUCALYPTUS RD, NAPA, 94558
County :	Napa
Facility ID :	9183
Air Basin Code :	San Francisco Bay Area
District :	BAY AREA AQMD
County ID :	NAP
SIC Code :	4953
CHAPIS :	N/R
CERR Code :	N/R
Last Date in Agency List :	2022-03-09

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

**EnviroSite ID:** 735190  
**EPA ID:** N/R

EMI - CA **(cont.)**

Additional Details

Year :	2018
Total Organic Gases (Tons/Year) :	470.86807362
Reactive Organic Gases (Tons/Year) :	10.447975823874
Carbon Monoxide (Tons/Year) :	6.449375337
Nitrogen Oxides (Tons/Year) :	1.971933082
Sulfur Oxides (Tons/Year) :	.152474888
Particulate Matter (Tons/Year) :	1.934812079
Fine Particulate Matter (Tons/Year) :	1.934812079

FRS

Facility Name :	NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY
Facility Address :	END EUCALYPTUS ROAD, NAPA, CA 94558
County :	NAPA

Site Details

Registry ID :	110010474030
FRS Facility URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2022-05-11

Source Description

Source Description : AIR contains compliance and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies. AFS contains compliance and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

Source Description :

The Emission Inventory System (EIS) maintains an inventory of large stationary sources and voluntarily-reported smaller sources of air point pollution emitters. It contains information about facility sites and their physical location, emission units, emission processes, release points, control approaches, and regulations. Facility inventory data are kept separate from the emissions data and have stable identifiers to improve continuity from year to year and to help identify duplicate or missing facilities.

FRS Environmental Interest

Source and System ID :	AIRS/AFS - 06055A9183 EIS - 2169411 ICIS - CABAA00006055A9183
------------------------	---

HIST AFS 2

Facility Name :	NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY
Facility Address :	END EUCALYPTUS RD, NAPA, CA 94558
County :	NAPA



Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT  
 AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO,  
 EMI - CA, FRS, HIST AFS 2] **(cont.)**

EnviroSite ID: 735190  
 EPA ID: N/R

HIST AFS 2 **(cont.)**

Site Details

PEPA : 110010474030  
 Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 DB Number : 076562073  
 AQCR : 030  
 SIC Code : 4953  
 NIC Code : 562211  
 DCS : 1  
 DCL : A  
 Government : 0  
 CMSC : A  
 HP1F : N/R  
 Last Date in Agency List : 2015-01-14

Air Program Pollutant Data

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : 0  
 PLAP : OACID  
 DCAP : 3  
 DCLP : B  
 DATT : M

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : 0  
 PLAP : ADMIN  
 DCAP : 3  
 DCLP : A  
 DATT : N/R

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : V  
 PLAP : FACIL  
 DCAP : 1  
 DCLP : A  
 DATT : A

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT  
 AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO,  
 EMI - CA, FRS, HIST AFS 2] **(cont.)**

**EnviroSite ID:** 735190  
**EPA ID:** N/R

HIST AFS 2 **(cont.)**

Class A Sources - Actions 4

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your EnviroSite account representative for a complimentary site report containing all of the details available.

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : V  
 ANTI : CC  
 DTA : 080701  
 PAM : N/R

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : V  
 ANTI : PS  
 DTA : 070927  
 PAM : N/R

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : V  
 ANTI : 2E  
 DTA : 040420  
 PAM : N/R

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : V  
 ANTI : CC  
 DTA : 110203  
 PAM : N/R

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : V  
 ANTI : 2E  
 DTA : 030625  
 PAM : N/R

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT  
 AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO,  
 EMI - CA, FRS, HIST AFS 2] **(cont.)**

EnviroSite ID: 735190  
 EPA ID: N/R

HIST AFS 2 **(cont.)**

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : V  
 ANTI : 5C  
 DTA : 040414  
 PAM : N/R

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : 0  
 ANTI : PS  
 DTA : 030715  
 PAM : N/R

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : V  
 ANTI : FS  
 DTA : 070927  
 PAM : N/R

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : V  
 ANTI : FS  
 DTA : 030930  
 PAM : N/R

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 APC : V  
 ANTI : CC  
 DTA : 051228  
 PAM : N/R

Facilities with Issued Permits

Region : 09  
 STTE : 06  
 County Code : 055

Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO, EMI - CA, FRS, HIST AFS 2] **(cont.)**

EnviroSite ID: 735190  
 EPA ID: N/R

HIST AFS 2 **(cont.)**

PCDS : A9183  
 PNME : NAPA-VALLEJO WASTE MANAGEMENT AUTHORITY  
 Street : END EUCALYPTUS RD, NAPA, CA 94558

General Permit Information

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 ASPN : A9183  
 PMTC : V  
 PMTD : TITLE V PERMIT - PLANT SP

Historical Quarterly 4

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 SCH : 1  
 HDT : 1202  
 APH : V

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 SCH : 3  
 HDT : 1401  
 APH : 0

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 SCH : 1  
 HDT : 1302  
 APH : V

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 SCH : 1  
 HDT : 1403  
 APH : V

Map Id: A9  
Direction:  
Distance:  
Elevation:  
Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT  
AUTHORITY  
END EUCALYPTUS RD  
NAPA, CA 94558  
**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO,  
EMI - CA, FRS, HIST AFS 2] **(cont.)**

**Envirosite ID:** 735190  
**EPA ID:** N/R

HIST AFS 2 **(cont.)**

Region : 09  
STTE : 06  
County Code : 055  
PCDS : A9183  
SCH : 1  
HDT : 1204  
APH : V

Region : 09  
STTE : 06  
County Code : 055  
PCDS : A9183  
SCH : 1  
HDT : 1203  
APH : V

Region : 09  
STTE : 06  
County Code : 055  
PCDS : A9183  
SCH : 3  
HDT : 1402  
APH : 0

Region : 09  
STTE : 06  
County Code : 055  
PCDS : A9183  
SCH : 1  
HDT : 1104  
APH : V

Region : 09  
STTE : 06  
County Code : 055  
PCDS : A9183  
SCH : 3  
HDT : 1304  
APH : 0

Region : 09  
STTE : 06  
County Code : 055  
PCDS : A9183  
SCH : 1  
HDT : 1304  
APH : V



Map Id: A9  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** NAPA-VALLEJO WASTE MANAGEMENT  
 AUTHORITY  
 END EUCALYPTUS RD  
 NAPA, CA 94558

**Database(s) :** [AFS, CALEPA SITES - CA, DOCKET, ECHO,  
 EMI - CA, FRS, HIST AFS 2] **(cont.)**

**EnviroSite ID:** 735190  
**EPA ID:** N/R

HIST AFS 2 **(cont.)**

Permit Events

Region : 09  
 STTE : 06  
 County Code : 055  
 PCDS : A9183  
 PAPN : A9183  
 PATY : IF  
 PADL : \*PERMIT AUTHORITY ISSUES FINAL PERMIT  
 PACN : 001  
 PDEA : 20031219

Map Id: A10  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON LANDFILL  
 9999 END OF EUCALYPTUS RD  
 American Canyon | AMERICAN CANYON,  
 CA 94503

**Database(s) :** [CIWQS - CA, NPDES - CA, RFR - CA]

**EnviroSite ID:** 1017227  
**EPA ID:** N/R

CIWQS - CA

Facility Name : AMERICAN CANYON LANDFILL  
 Facility Address : 9999 END OF EUCALYPTUS RD, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S639778  
 Agency Name : NAPA VALLEJO WASTE MANAGEMENT AUTHORITY  
 Last Date in Agency List : 2022-03-22

NPDES - CA

Facility Name : American Canyon Landfill  
 Facility Address : 9999 End of Eucalyptus Rd, American Canyon, 94503  
 County : Napa

Effective Date : 2006-08-28  
 Adoption Date : N/R  
 Expiration Date : N/R  
 Termination Date : 2015-06-30  
 Order Number : 97-03-DWQ  
 NPDES Number : CAS000001  
 WDID : 2 28I020430  
 RM Status : Terminated  
 Reg Meas ID : 308248  
 Reg Meas Type : Enrollee  
 Program : Industrial  
 Facility Place ID : N/R

Map Id: A10  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON LANDFILL  
 9999 END OF EUCALYPTUS RD  
 American Canyon | AMERICAN CANYON,  
 CA 94503

**Database(s) :** [CIWQS - CA, NPDES - CA, RFR - CA]  
**(cont.)**

Envirosite ID: 1017227  
 EPA ID: N/R

NPDES - CA (cont.)

Region Code : 2  
 Discharger ID : 0  
 Discharger : Napa Vallejo Waste Management Authority  
 Discharger Address : 1195 Third Street, Napa, California 94559  
 Last Date in Agency List : 2018-05-03

RFR - CA

Facility Name : American Canyon Landfill  
 Facility Address : 9999 End of Eucalyptus Rd, American Canyon, CA 94503  
 County : Napa

Effective Date : 2006-08-28  
 Adoption Date : N/R  
 Termination Date : N/R  
 Expiration/Review Date : N/R  
 NPDES Number : CAS000001  
 Order Number : 97-03DW  
 WDID : 2 28I020430  
 SIC/NAICS : 4953  
 Program : INDSTW  
 Regulatory Measure Status : Active  
 Regulatory Measure Type : Storm water industrial  
 Place/Project Type : Industrial - Refuse Systems  
 Region : 2  
 Design Flow : N/R  
 Major/Minor : N/R  
 Complexity : N/R  
 TTWQ : N/R  
 Number of Enforcement Actions within Five Years: N/R  
 Number of Violations within Five Years: N/R  
 Agency : Napa Vallejo Waste Management Authority  
 Agency Address : 1195 Third Street Suite B10, Napa, CA 94559  
 Latitude : 38.18093  
 Longitude : -122.28019  
 Last Date in Agency List : 2015-09-26

Map Id: A11  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF  
 151 MEZZETTA COURT &RF, 9604  
 SOLANO COUNTY, CA 94503

**Database(s) :** [ICIS, INACTIVE PCS, PCS ENF, PCS FACILITY]

Envirosite ID: 1123936  
 EPA ID: N/R

ICIS

Facility Name : AMERICAN CANYON WWTF

Map Id: A11  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF  
 151 MEZZETTA COURT &RF, 9604  
 SOLANO COUNTY, CA 94503

**Database(s) :** [ICIS, INACTIVE PCS, PCS ENF, PCS FACILITY] **(cont.)**

EnviroSite ID: 1123936  
 EPA ID: N/R

ICIS **(cont.)**

Facility Address : 151 MEZZETTA COURT &RF, 9604, SOLANO COUNTY, CA 94503

Site Details

NPDES ID : CA0038768  
 ICIS Facility Interest ID : 1200003216  
 Facility UIN : 110001162866  
 Facility Type Code : Municipal or Water District  
 Impaired Waters : N/R  
 Latitude : 38.186667  
 Longitude : -122.274194  
 Last Date in Agency List : 2022-05-02

Facility SIC

SIC Code : 4952  
 SIC Description : Sewerage Systems

INACTIVE PCS

Issue Date : 2017-04-12  
 Original Issue Date : 2000-01-19  
 Effective Date : 2017-06-01  
 Expiration Date : 2022-05-31  
 Retirement Date : N/R  
 Termination Date : N/R  
 Issuing Agency : N/R  
 Agency Type : State  
 Activity ID : 3601013471  
 External Permit Number : CA0038768  
 Facility Type Indicator : POTW  
 Permit Type : NPDES Individual Permit  
 Major Minor Status : M  
 Permit Status : Effective  
 Total Design Flow Number : 2.5  
 Actual Average Flow Number : N/R  
 State Water Body : N/R  
 State Water Body Name : North Slough  
 Permit Name : American Canyon, City of  
 Permit Comp Status : N/R  
 RNC Tracking : Y  
 Master External Permit Number : N/R  
 TMDL Interface : N/R  
 EDMR Authorization : Y  
 Pretreatment Indicator : N/R  
 Last Date in Agency List : 2022-04-22

Issue Date : 2006-06-14  
 Original Issue Date : 2000-01-19  
 Effective Date : 2006-07-01  
 Expiration Date : 2011-06-30  
 Retirement Date : 2011-08-31  
 Termination Date : N/R

Map Id: A11  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF  
 151 MEZZETTA COURT &RF, 9604  
 SOLANO COUNTY, CA 94503

**Database(s) :** [ICIS, INACTIVE PCS, PCS ENF, PCS FACILITY] **(cont.)**

EnviroSite ID: 1123936  
 EPA ID: N/R

INACTIVE PCS **(cont.)**

Issuing Agency : N/R  
 Agency Type : State  
 Activity ID : 1200019343  
 External Permit Number : CA0038768  
 Facility Type Indicator : POTW  
 Permit Type : NPDES Individual Permit  
 Major Minor Status : M  
 Permit Status : Administratively Continued  
 Total Design Flow Number : 2.5  
 Actual Average Flow Number : N/R  
 State Water Body : N/R  
 State Water Body Name : NAPA RIVER/SAN PABLO BAY  
 Permit Name : AMERICAN CANYON, CITY OF  
 Permit Comp Status : Y  
 RNC Tracking : Y  
 Master External Permit Number : N/R  
 TMDL Interface : Y  
 EDMR Authorization : N  
 Pretreatment Indicator : N/R  
 Last Date in Agency List : 2022-04-22

PCS ENF

Site Details

NPDES ID : CA0038768  
 Last Date in Agency List : 2022-04-06

Formal Enforcement Actions

Settlement Entered Date : 08/07/2012  
 ENF Identifier : CA-2012-1057  
 Activity ID : 3000045639  
 Activity Type : Administrative, Formal  
 ENF Type : State CWA Penalty AO  
 Agency : State  
 Fed Penalty Assessed Amount : N/R  
 State Local Penalty Amount : 6000

Settlement Entered Date : 07/24/2008  
 ENF Identifier : CA-2008-1041  
 Activity ID : 1400040694  
 Activity Type : Administrative, Formal  
 ENF Type : State CWA Penalty AO  
 Agency : State  
 Fed Penalty Assessed Amount : N/R  
 State Local Penalty Amount : N/R

Settlement Entered Date : N/R  
 ENF Identifier : CA-N00003567  
 Activity ID : 1200080364  
 Activity Type : Administrative, Formal  
 ENF Type : State CWA Penalty AO  
 Agency : State

Map Id: A11  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF  
 151 MEZZETTA COURT &RF, 9604  
 SOLANO COUNTY, CA 94503

**Database(s) :** [ICIS, INACTIVE PCS, PCS ENF, PCS FACILITY] **(cont.)**

Envirosite ID: 1123936  
 EPA ID: N/R

PCS ENF **(cont.)**

Fed Penalty Assessed Amount : N/R  
 State Local Penalty Amount : N/R

Settlement Entered Date : N/R  
 ENF Identifier : CA-N00004039  
 Activity ID : 1200080363  
 Activity Type : Administrative, Formal  
 ENF Type : State CWA Penalty AO  
 Agency : State  
 Fed Penalty Assessed Amount : N/R  
 State Local Penalty Amount : N/R

Informal Enforcement Actions

Achieved Date : 2005-11-04  
 Registry ID : 110001162866  
 ENF Identifier : CA-N00004550  
 Activity ID : 1200080361  
 Activity Type : Administrative - Informal  
 ENF Type : Notice of Violation  
 Agency : State

Achieved Date : 2008-07-24  
 Registry ID : 110001162866  
 ENF Identifier : CA-200018545  
 Activity ID : 1800024909  
 Activity Type : Administrative - Informal  
 ENF Type : Letter to Regulated Entity  
 Agency : State

Achieved Date : 2007-02-28  
 Registry ID : 110001162866  
 ENF Identifier : CA-N00004551  
 Activity ID : 1200080360  
 Activity Type : Administrative - Informal  
 ENF Type : Notice of Violation  
 Agency : State

PCS FACILITY

Issue Date : 2017-04-12  
 Original Issue Date : 2000-01-19  
 Effective Date : 2017-06-01  
 Expiration Date : 2022-05-31  
 Retirement Date : N/R  
 Termination Date : N/R  
 Issuing Agency : N/R  
 Agency Type : State  
 Activity ID : 3601013471  
 External Permit Number : N/R  
 Facility Type Indicator : POTW  
 Permit Type : NPDES Individual Permit



Map Id: A11  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON WWTF  
 151 MEZZETTA COURT &RF, 9604  
 SOLANO COUNTY, CA 94503

**Database(s) :** [ICIS, INACTIVE PCS, PCS ENF, PCS FACILITY] **(cont.)**

EnviroSite ID: 1123936  
 EPA ID: N/R

PCS FACILITY **(cont.)**

Major Minor Status :	M
Permit Status :	Effective
Total Design Flow Number :	2.5
Actual Average Flow Number :	N/R
State Water Body :	N/R
State Water Body Name :	North Slough
Permit Name :	American Canyon, City of
Permit Comp Status :	N/R
RNC Tracking :	Y
Master External Permit Number :	N/R
TMDL Interface :	N/R
EDMR Authorization :	Y
Pretreatment Indicator :	N/R
Last Date in Agency List :	2022-04-25
Issue Date :	2006-06-14
Original Issue Date :	2000-01-19
Effective Date :	2006-07-01
Expiration Date :	2011-06-30
Retirement Date :	2011-08-31
Termination Date :	N/R
Issuing Agency :	N/R
Agency Type :	State
Activity ID :	1200019343
External Permit Number :	N/R
Facility Type Indicator :	POTW
Permit Type :	NPDES Individual Permit
Major Minor Status :	M
Permit Status :	Administratively Continued
Total Design Flow Number :	2.5
Actual Average Flow Number :	N/R
State Water Body :	N/R
State Water Body Name :	NAPA RIVER/SAN PABLO BAY
Permit Name :	AMERICAN CANYON, CITY OF
Permit Comp Status :	Y
RNC Tracking :	Y
Master External Permit Number :	N/R
TMDL Interface :	Y
EDMR Authorization :	N
Pretreatment Indicator :	N/R
Last Date in Agency List :	2022-04-25

Map Id: A12  
Direction:  
Distance:  
Elevation:  
Relative:

**Site Name :** AT&T California - TC1B3  
RT CORNER WETLANDS EDGE RD |  
WETLANDS EDGE RD & W AMERICAN  
CANYON RD  
VALLEJO | AMERICAN CANYON, CA  
**Database(s) :** [CALEPA SITES - CA]

**Envirosite ID:** 1132685  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : AT&T California - TC1B3  
Facility Address : RT CORNER WETLANDS EDGE RD, VALLEJO, 94590

Site ID : 553049  
EI ID : 10816672  
EI Description : Chemical Storage Facilities  
Latitude : 38.170650  
Longitude : -122.268770  
Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
Last Date in Agency List : 2020-02-19

Facility Name : AT&T CALIFORNIA - TC1B3  
Facility Address : WETLANDS EDGE RD & W AMERICAN CANYON RD, AMERICAN CANYON,  
94503

Site ID : 572046  
EI ID : 10816672  
EI Description : Chemical Storage Facilities  
Latitude : 38.170650  
Longitude : -122.268770  
Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
Last Date in Agency List : 2022-04-07

Map Id: A13  
Direction:  
Distance:  
Elevation:  
Relative:

**Site Name :** AMERICAN CANYON STORM WATER  
N/R  
CA  
**Database(s) :** [FRS]

**Envirosite ID:** 8732092  
**EPA ID:** N/R

FRS

Facility Name : AMERICAN CANYON STORM WATER  
Facility Address : CA  
County : N/R

Site Details

Registry ID : 110066603624  
FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
Last Date in Agency List : 2022-05-11

Map Id: A13  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON STORM WATER  
 N/R  
 CA  
**Database(s) :** [FRS] (cont.)

**Envirosite ID:** 8732092  
**EPA ID:** N/R

FRS (cont.)

Source Description

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

FRS Environmental Interest

Source and System ID :

CA-ENVIROVIEW - 307621

Map Id: A14  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** Napa River Pit  
 38.17379, -122.28385  
 CA  
**Database(s) :** [MINES USGS]

**Envirosite ID:** 43944293  
**EPA ID:** N/R

MINES USGS

Deposit ID :	10164593
MRSID ID :	N/R
MAS ID :	0060550187
Site Name :	Napa River Pit
Latitude :	38.17379
Longitude :	-122.28385
Region :	NA
Country :	United States
State :	California
County :	Napa
Commodity Type :	N
Commodity-Primary :	Sand and Gravel, Construction
Commodity-Secondary :	N/R
Commodity-Others :	N/R
Operations Type :	Surface
Deposit Type :	N/R
Production Size :	N/R
Dev Status :	Producer
Ore material :	N/R
Gangue material :	N/R
Other Materials :	N/R
Ore body :	N/R
Work Type :	N/R
Mineral Model :	N/R
Geochem Alteration :	N/R
Concentration :	N/R
Alt Names :	N/R
Ore Character :	N/R
Reporter :	Lowe, Nathan T.

Map Id: A14  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** Napa River Pit  
 38.17379, -122.28385  
 CA  
**Database(s) :** [MINES USGS] **(cont.)**

**Envirosite ID:** 43944293  
**EPA ID:** N/R

MINES USGS **(cont.)**

Host Rock Unit : N/R  
 Host Rock Type : N/R  
 Adj Rock Unit : N/R  
 Adj Rock Type : N/R  
 Geol Structure : N/R  
 Tectonic Setting : N/R  
 References : CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 103, 1990.  
 Year First Produced : N/R  
 Year Last Produced : N/R  
 Year Discovered : N/R  
 Prod Years : N/R  
 Discovery : N/R  
 URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Map Id: A15  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON LANDFILL  
 N/R  
 AMERICAN CANYON, CA 94503  
**Database(s) :** [ECHO, FRS]

**Envirosite ID:** 44930965  
**EPA ID:** N/R

ECHO

Facility Name : AMERICAN CANYON LANDFILL  
 Facility Address : AMERICAN CANYON, CA 94503  
 County : N/R

Last Inspection Date : N/R  
 Registry ID : 110071160590  
 FIPS Code : 06055  
 EPA Region : 09  
 Inspection Count : 0  
 Last Inspection Days : N/R  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : N/R  
 Programs IN SNC : 0  
 Current Compliance Status : N/R  
 Three-Year Compliance Status : N/R  
 Collection Method : N/R  
 Reference Point : N/R  
 Accuracy Meters : 17531  
 Derived Tribes : Lytton Rancheria of California - 16 mile(s)  
 Derived HUC : 18050002

Map Id: A15  
 Direction:  
 Distance:  
 Elevation:  
 Relative:

**Site Name :** AMERICAN CANYON LANDFILL  
 N/R  
 AMERICAN CANYON, CA 94503  
**Database(s) :** [ECHO, FRS] **(cont.)**

Envirosite ID: 44930965  
 EPA ID: N/R

ECHO **(cont.)**

Derived WBD :	180500020801
Derived STCTY FIPS :	06055
Derived Zip :	94503
Derived CD113 :	05
Derived CB2010 :	060552010051061
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	562212 - Solid Waste Landfill
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	N
TRI Flag :	N
GHG Flag :	Y
Major Flag :	N/R
Active Flag :	N/R
NAA Flag :	Y
Latitude :	38.1809
Longitude :	-122.281
Last Date in Agency List :	2022-03-29



Map Id: A15  
Direction:  
Distance:  
Elevation:  
Relative:

**Site Name :** AMERICAN CANYON LANDFILL  
N/R  
AMERICAN CANYON, CA 94503  
**Database(s) :** [ECHO, FRS] **(cont.)**

**Envirosite ID:** 44930965  
**EPA ID:** N/R

FRS

Facility Name : AMERICAN CANYON LANDFILL  
Facility Address : AMERICAN CANYON, CA 94503  
County : N/R

Site Details

Registry ID : 110071160590  
FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
Last Date in Agency List : 2022-05-11

Source Description

Source Description :

(E-GGRT, accessible through an EPA web page, is used to submit annual reports in support of the EPA rule for mandatory reporting of greenhouse gases (GHG) by large GHG emissions sources. Implementation of 40 CFR part 98 is referred to as the greenhouse gas reporting program (GHGRP). This comprehensive, nationwide emissions data will provide a better understanding of the sources of GHGs and will guide development of the policies and programs to reduce emissions. The publically available data will allow reporters to track their own emissions, compare them to similar facilities, and aid in identifying cost effective opportunities to reduce emissions in the future.

FRS Environmental Interest  
Source and System ID : E-GGRT - 1004465

Map Id: 16  
Direction: NE  
Distance: 0.000 mi., 3 ft.  
Elevation: 17 ft.  
Relative: Higher

**Site Name :** HIGHWAY 1107 NEW FEEDER AMERICAN CANYON  
COMMERCE BOULEVARD  
American Canyon | AMERICAN CANYON, CA 94503  
**Database(s) :** [CALEPA SITES - CA, NPDES - CA]

**Envirosite ID:** 43271630  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : HIGHWAY 1107 NEW FEEDER AMERICAN CANYON  
Facility Address : COMMERCE BOULEVARD, AMERICAN CANYON, 94503

Site ID : 583336  
EI ID : 883197  
EI Description : Construction Storm Water  
Latitude : 38.178375  
Longitude : -122.271440  
Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
Last Date in Agency List : 2021-10-14

Map Id: 16  
Direction: NE  
Distance: 0.000 mi., 3 ft.  
Elevation: 17 ft.  
Relative: Higher

**Site Name :** HIGHWAY 1107 NEW FEEDER AMERICAN CANYON  
COMMERCE BOULEVARD  
American Canyon | AMERICAN CANYON, CA 94503  
**Database(s) :** [CALEPA SITES - CA, NPDES - CA] **(cont.)**

**Envirosite ID:** 43271630  
**EPA ID:** N/R

NPDES - CA

Facility Name : Highway 1107 New Feeder American Canyon  
Facility Address : Commerce Boulevard, American Canyon, 94503  
County : Napa  
  
Effective Date : 2020-07-14  
Adoption Date : N/R  
Expiration Date : N/R  
Termination Date : 2021-10-01  
Order Number : 2009-0009-DWQ  
NPDES Number : CAS000002  
WDID : 2 28C390795  
RM Status : Terminated  
Reg Meas ID : 522526  
Reg Meas Type : Enrollee  
Program : Construction  
Facility Place ID : N/R  
Region Code : 2  
Discharger ID : 0  
Discharger : Pacific Gas and Electric Company  
Discharger Address : 3401 Crow Canyon Road, San Ramon, California 94583  
Last Date in Agency List : 2022-05-17

Map Id: B17  
Direction: NE  
Distance: 0.005 mi., 24 ft.  
Elevation: 24 ft.  
Relative: Higher

**Site Name :** NAPA JUNCTION ELEMENTARY SCHOOL | WETLANDS EDGE BAY TRAIN PHASE II EUCALYPTUS DRIVE AND WETLANDS EDGE ROAD | EUCALYPTUS DR & WETLANDS EDGE RD  
AMERICAN CANYON | American Canyon, CA 94503  
**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, NPDES - CA, RFR - CA]

**Envirosite ID:** 35321120  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : NAPA JUNCTION ELEMENTARY SCHOOL  
Facility Address : EUCALYPTUS DRIVE AND WETLANDS EDGE ROAD, AMERICAN CANYON, 94503  
  
Site ID : 555861  
EI ID : 874879  
EI Description : Construction Storm Water  
Latitude : 38.181130  
Longitude : -122.271620  
Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
Last Date in Agency List : 2022-01-07

Map Id: B17  
 Direction: NE  
 Distance: 0.005 mi., 24 ft.  
 Elevation: 24 ft.  
 Relative: Higher

**Site Name :** NAPA JUNCTION ELEMENTARY SCHOOL | WETLANDS EDGE BAY TRAIN PHASE II EUCALYPTUS DRIVE AND WETLANDS EDGE ROAD | EUCALYPTUS DR & WETLANDS EDGE RD AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, NPDES - CA, RFR - CA] **(cont.)**

**Envirosite ID:** 35321120  
**EPA ID:** N/R

CIWQS - CA

Facility Name : NAPA JUNCTION ELEMENTARY SCHOOL  
 Facility Address : EUCALYPTUS DRIVE AND WETLANDS EDGE ROAD, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S874879  
 Agency Name : NAPA VALLEY UNIFIED SCHOOL DISTRICT  
 Last Date in Agency List : 2022-03-22

Facility Name : WETLANDS EDGE BAY TRAIN PHASE II  
 Facility Address : EUCALYPTUS DR & WETLANDS EDGE RD, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S800303  
 Agency Name : AMERICAN CANYON CITY  
 Last Date in Agency List : 2022-03-22

NPDES - CA

Facility Name : Napa Junction Elementary School  
 Facility Address : Eucalyptus Drive and Wetlands Edge Road, American Canyon, 94503  
 County : Napa

Effective Date : 2019-08-23  
 Adoption Date : N/R  
 Expiration Date : N/R  
 Termination Date : N/R  
 Order Number : 2009-0009-DWQ  
 NPDES Number : CAS000002  
 WDID : 2 28C387877  
 RM Status : Active  
 Reg Meas ID : 511715  
 Reg Meas Type : Enrollee  
 Program : Construction  
 Facility Place ID : N/R  
 Region Code : 2  
 Discharger ID : 0  
 Discharger : Napa Valley Unified School District  
 Discharger Address : 1616 Lincoln Ave, Napa, California 94558  
 Last Date in Agency List : 2021-12-07

RFR - CA

Facility Name : Napa Junction Elementary School  
 Facility Address : Eucalyptus Drive and Wetlands Edge Road, American Canyon, CA 94503  
 County : Napa

Map Id: B17  
 Direction: NE  
 Distance: 0.005 mi., 24 ft.  
 Elevation: 24 ft.  
 Relative: Higher

**Site Name :** NAPA JUNCTION ELEMENTARY SCHOOL | WETLANDS EDGE BAY TRAIN PHASE II EUCALYPTUS DRIVE AND WETLANDS EDGE ROAD | EUCALYPTUS DR & WETLANDS EDGE RD AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, NPDES - CA, RFR - CA] **(cont.)**

**EnviroSite ID:** 35321120  
**EPA ID:** N/R

RFR - CA **(cont.)**

Effective Date :	2019-08-23
Adoption Date :	N/R
Termination Date :	N/R
Expiration/Review Date :	N/R
NPDES Number :	CAS000002
Order Number :	2009-0009-DWQ
WDID :	2 28C387877
SIC/NAICS :	N/R
Program :	CONSTW
Regulatory Measure Status :	Active
Regulatory Measure Type :	Storm water construction
Place/Project Type :	Construction - Other: School
Region :	2
Design Flow :	N/R
Major/Minor :	N/R
Complexity :	N/R
TTWQ :	N/R
Number of Enforcement Actions within Five Years:	N/R
Number of Violations within Five Years:	N/R
Agency :	Napa Valley Unified School District
Agency Address :	1616 Lincoln Ave, Napa, CA 94558
Latitude :	38.18113
Longitude :	-122.27162
Last Date in Agency List :	2021-12-16

Map Id: B18  
 Direction: NE  
 Distance: 0.048 mi., 254 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GAS RECOVERY SYSTEMS - AMERICAN CANYON | GAS RECOVERY SYSTEMS LLC | AMERICAN CANYON POWER PLANT 725 EUCALYPTUS ROAD AMERICAN CANYON, CA 94589

**Database(s) :** [BRS, ECHO, FRS, HAZNET - CA, HWG - CA, RCRA\_SQG]

**EnviroSite ID:** 248568  
**EPA ID:** N/R

BRS

Facility Name :	GAS RECOVERY SYSTEMS - AMERICAN CANYON
Facility Address :	725 EUCALYPTUS ROAD, AMERICAN CANYON, CA 94589
County :	NAPA

Map Id: B18  
 Direction: NE  
 Distance: 0.048 mi., 254 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GAS RECOVERY SYSTEMS - AMERICAN CANYON | GAS RECOVERY SYSTEMS LLC | AMERICAN CANYON POWER PLANT  
 725 EUCALYPTUS ROAD  
 AMERICAN CANYON, CA 94589

**Database(s) :** [BRS, ECHO, FRS, HAZNET - CA, HWG - CA, RCRA\_SQG] (**cont.**)

EnviroSite ID: 248568  
 EPA ID: N/R

**BRS (cont.)**

Site Details

Date Form Received by Agency : 2002-03-07  
 EPA ID : CAL000035673  
 Mailing Address : 5717 BRISA STREET, LIVERMORE, CA 94550  
 Contact : MATTHEW L NOUROT  
 Contact Address : N/R  
 Contact Country : US  
 Contact Telephone : 925-606-3700  
 Contact Email : NOUROT@GRSI.NET  
 EPA Region : 09  
 Land Type : Private  
 Source Type : Annual/Biennial Report  
 Classification : Small Quantity Generator

Description : Handlers that generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Last Date in Agency List : 2022-04-27

Owner/Operator Summary

Owner/Operator Name : N/R  
 Owner/Operator Address : N/R  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : N/R  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : N/R  
 Owner/Operator Type : N/R  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Waste Activity Monitoring

Report Cycle : 2001  
 Hazardous Waste Page Number : 1  
 Hazardous Waste Sub-Page Number : 1  
 BR Form : GM  
 Waste Description : OIL/WATER MIXTURE  
 Primary NAICS : 221119 - Other Electric Power Generation

Source Code : G09 - Other production or service-related processes from which the waste is a direct outflow or result (specify in comments)

Form Code : W205 - Oil-water emulsion or mixture (fluid but not sludge)



Map Id: B18  
 Direction: NE  
 Distance: 0.048 mi., 254 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GAS RECOVERY SYSTEMS - AMERICAN CANYON | GAS RECOVERY SYSTEMS LLC | AMERICAN CANYON POWER PLANT  
 725 EUCALYPTUS ROAD  
 AMERICAN CANYON, CA 94589

**Database(s) :** [BRS, ECHO, FRS, HAZNET - CA, HWG - CA, RCRA\_SQG] (*cont.*)

Envirosite ID: 248568  
 EPA ID: N/R

**BRS (*cont.*)**

Management Method : H061 - Fuel blending prior to energy recovery at another site (waste generated either on-site or received from off-site)

Generation Tons : 6.6922435  
 Managed Tons : 0  
 Shipped Tons : 6.6922435  
 Received Tons : 0  
 Receiver ID : CAD009452657  
 Receiver State : CA  
 Shipper ID : CAL000035673  
 Shipper State : CA  
 Waste Minimization : N/R  
 Waste Code List : D001  
 Waste Code Group : D001 - IGNITABLE WASTE  
 Waste Generation Type : N/R

**ECHO**

Facility Name : GAS RECOVERY SYSTEMS - AMERICAN CANYON  
 Facility Address : 725 EUCALYPTUS ROAD, AMERICAN CANYON, CA 94589  
 County : NAPA

Last Inspection Date : 2003-09-10  
 Registry ID : 110042008172  
 FIPS Code : 06055  
 EPA Region : 09  
 Inspection Count : 0  
 Last Inspection Days : 6766  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : 0  
 Programs IN SNC : 0  
 Current Compliance Status : No Violation Identified  
 Three-Year Compliance Status :  
 Collection Method : ADDRESS MATCHING-HOUSE NUMBER  
 Reference Point : ENTRANCE POINT OF A FACILITY OR STATION  
 Accuracy Meters : 50  
 Derived Tribes : Lytton Rancheria of California - 16.1 mile(s)  
 Derived HUC : 18050002  
 Derived WBD : 180500020401  
 Derived STCTY FIPS : 06055  
 Derived Zip : 94503  
 Derived CD113 : 05  
 Derived CB2010 : 060552010051081  
 MYRTK Universe : NNN  
 NPDES IDs : N/R  
 CWA Permit Types : N/R

Map Id: B18  
 Direction: NE  
 Distance: 0.048 mi., 254 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GAS RECOVERY SYSTEMS - AMERICAN CANYON | GAS RECOVERY SYSTEMS LLC | AMERICAN CANYON POWER PLANT  
 725 EUCALYPTUS ROAD  
 AMERICAN CANYON, CA 94589

**Database(s) :** [BRS, ECHO, FRS, HAZNET - CA, HWG - CA, RCRA\_SQG] **(cont.)**

EnviroSite ID: 248568  
 EPA ID: N/R

ECHO **(cont.)**

CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICs :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	221119 - Other Electric Power Generation
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	2003-09-10
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	Y
Latitude :	38.181
Longitude :	-122.270891
Last Date in Agency List :	2022-03-29

FRS

Facility Name :	AMERICAN CANYON POWER PLANT
Facility Address :	725 EUCALYPTUS DR, AMERICAN CANYON, CA 94589
County :	NAPA

Map Id: B18  
 Direction: NE  
 Distance: 0.048 mi., 254 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GAS RECOVERY SYSTEMS - AMERICAN CANYON | GAS RECOVERY SYSTEMS LLC | AMERICAN CANYON POWER PLANT  
 725 EUCALYPTUS ROAD  
 AMERICAN CANYON, CA 94589

**Database(s) :** [BRS, ECHO, FRS, HAZNET - CA, HWG - CA, RCRA\_SQG] **(cont.)**

**EnviroSite ID:** 248568  
**EPA ID:** N/R

**FRS (cont.)**

Site Details

Registry ID : 110028013496  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Source Description : The EGRID contains data on emissions and resource mix for virtually every power plant and company that generates electricity in the United States. The Energy Information Administration (EIA) is an independent agency within U.S. Department of Energy that develops surveys, collects energy data, and analyzes and models energy issues. The EIA-860 database supports the annual electric generator report and contains electric utility and non-utility (including independent power producers, combined heat and power producers, and other industrials) generator-specific plant data, including county and state location and ownership information.

FRS Environmental Interest

Source and System ID : EGRID - 10392  
 EIA-860 - 10392

Facility Name : GAS RECOVERY SYSTEMS - AMERICAN CANYON  
 Facility Address : 725 EUCALYPTUS ROAD, AMERICAN CANYON, CA 94589  
 County : NAPA

Site Details

Registry ID : 110042008172  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Source Description : All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database.

Map Id: B18  
 Direction: NE  
 Distance: 0.048 mi., 254 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GAS RECOVERY SYSTEMS - AMERICAN CANYON | GAS RECOVERY SYSTEMS LLC | AMERICAN CANYON POWER PLANT  
 725 EUCALYPTUS ROAD  
 AMERICAN CANYON, CA 94589

**Database(s) :** [BRS, ECHO, FRS, HAZNET - CA, HWG - CA, RCRA\_SQG] **(cont.)**

EnviroSite ID: 248568  
 EPA ID: N/R

**FRS (cont.)**

Source Description :

RCRAInfo is EPA’s comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest  
 Source and System ID :

RCRAINFO - CAL000035673

HAZNET - CA

Facility Name :  
 Facility Address :  
 County :

GAS RECOVERY SYSTEMS LLC  
 725 EUCALYPTUS DR, AMERICAN CANYON, CA 94589  
 NAPA

Site Details

Generator EPA ID : CAL000035673  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 5087 LOCKPORT JUNCTION RD, LOCKPORT, NY 140949601  
 Latitude : 38.18092429  
 Longitude : -122.27095188  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Waste Generator Details

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your EnviroSite account representative for a complimentary site report containing all of the details available.

State Waste :  
 2015: 352 - Other organic solids, 1.35 tons to CAD059494310  
 2015: 223 - Unspecified oil-containing waste, 0.15 tons to UTD991301748  
 2013: 223 - Unspecified oil-containing waste, 0.375 tons to CAD980887418  
 2013: 223 - Unspecified oil-containing waste, 17.62242 tons to CAT080013352

Map Id: B18  
 Direction: NE  
 Distance: 0.048 mi., 254 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GAS RECOVERY SYSTEMS - AMERICAN CANYON | GAS RECOVERY SYSTEMS LLC | AMERICAN CANYON POWER PLANT  
 725 EUCALYPTUS ROAD  
 AMERICAN CANYON, CA 94589

**Database(s) :** [BRS, ECHO, FRS, HAZNET - CA, HWG - CA, RCRA\_SQG] **(cont.)**

**Envirosite ID:** 248568  
**EPA ID:** N/R

HAZNET - CA **(cont.)**

- 2013: 223 - Unspecified oil-containing waste, 0.9591 tons to CAD982444481
- 2012: 181 - Other inorganic solid waste, 0.77 tons to CAD980675276
- 2011: 223 - Unspecified oil-containing waste, 18.765 tons to CAD980887418
- 2011: 181 - Other inorganic solid waste, 0.49 tons to CAD980675276
- 2011: 221 - Waste oil and mixed oil, 8.36 tons to CAD980887418
- 2010: 181 - Other inorganic solid waste, 0.9 tons to CAD059494310
- 2010: 221 - Waste oil and mixed oil, 14.25 tons to CAD980887418
- 2010: 181 - Other inorganic solid waste, 1.05 tons to CAD980675276
- 2009: 181 - Other inorganic solid waste, 2.15 tons to CAD980675276
- 2008: 181 - Other inorganic solid waste, 1.691 tons to CAD980675276
- 2007: 181 - Other inorganic solid waste, 0.725 tons to CAD980675276
- 2007: 181 - Other inorganic solid waste, 1.15 tons to CAD059494310
- 2007: 223 - Unspecified oil-containing waste, 7.72284 tons to CAD009452657
- 2006: 223 - Unspecified oil-containing waste, 12.16806 tons to CAD009452657
- 2006: 223 - Unspecified oil-containing waste, 1.8765 tons to CAD982446874
- 2006: 181 - Other inorganic solid waste, 0.9 tons to CAD059494310
- 2006: 181 - Other inorganic solid waste, 2.12 tons to CAD059494310
- 2005: 181 - Other inorganic solid waste, 2.3543 tons to CAD059494310
- 2005: 221 - Waste oil and mixed oil, 1.71 tons to CAD980887418
- 2004: 352 - Other organic solids, 0.175 tons to CAD059494310
- 2004: 223 - Unspecified oil-containing waste, 16.73838 tons to CAD009452657
- 2004: 181 - Other inorganic solid waste, 1.9125 tons to CAD059494310
- 2003: 181 - Other inorganic solid waste, 0.85 tons to CAD059494310
- 2003: 352 - Other organic solids, 0.65 tons to CAD059494310
- 2002: 181 - Other inorganic solid waste, 0.125 tons to HAHQ36005487
- 2002: 352 - Other organic solids, 0.725 tons to CAD059494310

HWG - CA

Facility Name :	GAS RECOVERY SYSTEMS LLC
Facility Address :	725 EUCALYPTUS DR, AMERICAN CANYON, CA 94589
County :	NAPA
EPA ID :	CAL000035673
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	5087 LOCKPORT JUNCTION RD, LOCKPORT, NY 140949601
Owner Name :	GAS RECOVERY SYSTEMS LLC
Owner Address :	5087 LOCKPORT JUNCTION RD, LOCKPORT, NY 140949601
Operator Name :	SUPARNA CHAKLADAR
Operator Address :	5087 JUNCTION ROAD, LOCKPORT, NY 14094
Latitude :	38.180924
Longitude :	-122.270952



Map Id: B18  
 Direction: NE  
 Distance: 0.048 mi., 254 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GAS RECOVERY SYSTEMS - AMERICAN CANYON | GAS RECOVERY SYSTEMS LLC | AMERICAN CANYON POWER PLANT  
 725 EUCALYPTUS ROAD  
 AMERICAN CANYON, CA 94589

**Database(s) :** [BRS, ECHO, FRS, HAZNET - CA, HWG - CA, RCRA\_SQG] **(cont.)**

Envirosite ID: 248568  
 EPA ID: N/R

RCRA\_SQG

Facility Name : GAS RECOVERY SYSTEMS - AMERICAN CANYON  
 Facility Address : 725 EUCALYPTUS ROAD, AMERICAN CANYON, CA 94589  
 County : NAPA

Date Form Received by Agency : 2002-03-07  
 EPA ID : CAL000035673  
 Mailing Address : 5717 BRISA STREET, LIVERMORE, CA 94550  
 Contact : MATTHEW L NOUROT  
 Contact Address : N/R  
 Contact Country : US  
 Contact Telephone : 925-606-3700  
 Contact Email : NOUROT@GRSI.NET  
 EPA Region : 09  
 Land Type : Private  
 Source Type : Annual/Biennial Report  
 Classification : Small Quantity Generator

Description : Handlers that generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Last Date in Agency List : 2022-04-27

Owner/Operator Summary

Owner/Operator Name : N/R  
 Owner/Operator Address : N/R  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : N/R  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : N/R  
 Owner/Operator Type : N/R  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste : N  
 Mixed Waste (Haz. and Radioactive) : N  
 Recycler of Hazardous Waste : N  
 Transporter of Hazardous Waste : N  
 Treater, Storer or Disposer of HW : N  
 Underground Injection Activity : N  
 On-site Burner Exemption : N  
 Furnace Exemption : N  
 Used Oil Fuel Burner : N  
 Used Oil Processor : N  
 Used Oil Refiner : N

Map Id: B18  
 Direction: NE  
 Distance: 0.048 mi., 254 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GAS RECOVERY SYSTEMS - AMERICAN CANYON | GAS RECOVERY SYSTEMS LLC | AMERICAN CANYON POWER PLANT  
 725 EUCALYPTUS ROAD  
 AMERICAN CANYON, CA 94589

**Database(s) :** [BRS, ECHO, FRS, HAZNET - CA, HWG - CA, RCRA\_SQG] **(cont.)**

**EnviroSite ID:** 248568  
**EPA ID:** N/R

RCRA\_SQG **(cont.)**

Used Oil Fuel Marketer to Burner : N  
 Used Oil Specification Marketer : N  
 Used Oil Transfer Facility : N  
 Used Oil Transporter : N

Hazardous Waste Summary  
 Waste Code / Name :

223 - Unspecified oil-containing waste  
 D001 - IGNITABLE WASTE

Notices of Violations Summary  
 Regulation Violated :

N

Evaluation Action Summary

Evaluation Date : 2003-09-10  
 Evaluation : COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Area of Violation : N/R  
 Date Achieved Compliance : N/R  
 Evaluation Lead Agency : State Contractor/Grantee

Map Id: 19  
 Direction: ESE  
 Distance: 0.070 mi., 369 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** NVUSD- AMERICAN CANYON MIDDLE SCHOOL | AMERICAN CANYON MIDDLE SCHOOL  
 300 BENTON WAY | 300 BENTON WAY (BEHIND) | 300 BENTON WY  
 AMERICAN CANYON, CA

**Database(s) :** [CHMIRS - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN]

**EnviroSite ID:** 466574  
**EPA ID:** N/R

CHMIRS - CA

Facility Address : 300 Benton Way (behind), American Canyon, 94503  
 County : Napa County

Notified Date : 2012-02-07 10:10:00  
 Spill Representative : City of American Canyon  
 Control Number : 12-0743  
 Substance 1 : Sewage  
 Quantity 1 : 50

Map Id: 19  
 Direction: ESE  
 Distance: 0.070 mi., 369 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** NVUSD- AMERICAN CANYON MIDDLE SCHOOL | AMERICAN CANYON MIDDLE SCHOOL  
 300 BENTON WAY | 300 BENTON WAY (BEHIND) | 300 BENTON WY AMERICAN CANYON, CA  
**Database(s) :** [CHMIRS - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 466574  
 EPA ID: N/R

CHMIRS - CA **(cont.)**

Measure 1 :	Gal(s)
Type 1 :	SEWAGE
Pipeline 1 :	No
Vessel 1 (300 Tons) :	No
Substance 2 :	N/R
Quantity 2 :	N/R
Measure 2 :	N/R
Type 2 :	N/R
Pipeline 2 :	No
Vessel 2 (300 Tons) :	No
Substance 3 :	N/R
Quantity 3 :	N/R
Measure 3 :	N/R
Type 3 :	N/R
Pipeline 3 :	No
Vessel 3 (300 Tons) :	No
 Description :	 RP states a private lateral was vandalized causing the release of sewage into Rio Del Mar Channel
 Contained :	 Yes
Water? :	Yes
Water Way :	Rio Del Mar Channel
Drinking Water Impacted :	N/R
Known Impact :	N/R
Incident Date :	2012-02-07
Time :	07:56:00
Spill Site :	School
Site :	Rio Del Mar Channel
Cause :	Other
Other Causes :	Vandalism
Injuries (Y/N) :	No
Injuries Number :	N/R
Fatal (Y/N) :	No
Fatal Number :	N/R
Evacs (Y/N) :	No
Evacs Number :	N/R
Cleanup :	None
Admin Agency :	Napa County Department Environmental Management
Last Date in Agency List :	2017-04-04

CIWQS - CA

Facility Name :	AMERICAN CANYON MIDDLE SCHOOL
Facility Address :	300 BENTON WY, AMERICAN CANYON, CA 94503
County :	NAPA
 Place ID :	 S712551
Agency Name :	NAPA VALLEY USD
Last Date in Agency List :	2022-03-22

Map Id: 19  
 Direction: ESE  
 Distance: 0.070 mi., 369 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** NVUSD- AMERICAN CANYON MIDDLE SCHOOL | AMERICAN CANYON MIDDLE SCHOOL  
 300 BENTON WAY | 300 BENTON WAY (BEHIND) | 300 BENTON WY AMERICAN CANYON, CA  
**Database(s) :** [CHMIRS - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 466574  
 EPA ID: N/R

ECHO

Facility Name : NVUSD - AMERICAN CANYON MIDDLE SCHOOL  
 Facility Address : 300 BENTON WAY, AMERICAN CANYON, CA 94503  
 County : NAPA

Last Inspection Date : N/R  
 Registry ID : 110070466992  
 FIPS Code : N/R  
 EPA Region : 09  
 Inspection Count : 0  
 Last Inspection Days : N/R  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : 0  
 Programs IN SNC : 0  
 Current Compliance Status : No Violation Identified  
 Three-Year Compliance Status :  
 Collection Method : ADDRESS MATCHING (GEOCODING)  
 Reference Point : N/R  
 Accuracy Meters : N/R  
 Derived Tribes : N/R  
 Derived HUC : N/R  
 Derived WBD : N/R  
 Derived STCTY FIPS : N/R  
 Derived Zip : N/R  
 Derived CD113 : N/R  
 Derived CB2010 : N/R  
 MYRTK Universe : NNN  
 NPDES IDs : N/R  
 CWA Permit Types : N/R  
 CWA Compliance Tracking : N/R  
 CWA NAICS : N/R  
 CWA SICS : N/R  
 CWA Inspection Count : N/R  
 CWA Last Inspection Days : N/R  
 CWA Informal Count : N/R  
 CWA Formal Action Count : N/R  
 CWA Last Formal Action Date : N/R  
 CWA Penalties : N/R  
 CWA Last Penalty Date : N/R  
 CWA Last Penalty Amount : N/R  
 CWA Quarters IN NC : N/R  
 CWA Current Compliance Status : N/R  
 CWA Current SNC Flag : N  
 CWA 13 Quarters Compliance Status : N/R  
 CWA 13 Quarters Effluent Exceedances: N/R

Map Id: 19  
 Direction: ESE  
 Distance: 0.070 mi., 369 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** NVUSD- AMERICAN CANYON MIDDLE SCHOOL | AMERICAN CANYON MIDDLE SCHOOL  
 300 BENTON WAY | 300 BENTON WAY (BEHIND) | 300 BENTON WY AMERICAN CANYON, CA

**Database(s) :** [CHMIRS - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 466574  
 EPA ID: N/R

ECHO **(cont.)**

CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	56299 - All Other Waste Management Services
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N
Latitude :	38.169697
Longitude :	-122.267682
Last Date in Agency List :	2022-03-29

FRS

Facility Name :	NVUSD - AMERICAN CANYON MIDDLE SCHOOL
Facility Address :	300 BENTON WAY, AMERICAN CANYON, CA 94503-4254
County :	NAPA

Site Details

Registry ID :	110070466992
FRS Facility URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2022-05-11

Source Description



Map Id: 19  
 Direction: ESE  
 Distance: 0.070 mi., 369 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** NVUSD- AMERICAN CANYON MIDDLE SCHOOL | AMERICAN CANYON MIDDLE SCHOOL  
 300 BENTON WAY | 300 BENTON WAY (BEHIND) | 300 BENTON WY AMERICAN CANYON, CA  
**Database(s) :** [CHMIRS - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 466574  
 EPA ID: N/R

FRS **(cont.)**

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest

Source and System ID : RCRAINFO - CAL000312267

HAZNET - CA

Facility Name : NVUSD - AMERICAN CANYON MIDDLE SCHOOL  
 Facility Address : 300 BENTON WAY, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAL000312267  
 Active : Active  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Latitude : 38.16989159  
 Longitude : -122.26710951  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

HWG - CA

Facility Name : NVUSD - AMERICAN CANYON MIDDLE SCHOOL  
 Facility Address : 300 BENTON WAY, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAL000312267  
 Status : Active  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Owner Name : NVUSD

Map Id: 19  
 Direction: ESE  
 Distance: 0.070 mi., 369 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** NVUSD- AMERICAN CANYON MIDDLE SCHOOL | AMERICAN CANYON MIDDLE SCHOOL  
 300 BENTON WAY | 300 BENTON WAY (BEHIND) | 300 BENTON WY AMERICAN CANYON, CA  
**Database(s) :** [CHMIRS - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 466574  
 EPA ID: N/R

HWG - CA **(cont.)**

Owner Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Operator Name : ALBERT DESOUSA  
 Operator Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Latitude : 38.169849  
 Longitude : -122.266998

MANIFEST EPA

Manifest Details

Manifest Number : 014794523FLE  
 Shipped Date : 2020-03-31  
 Updated Date : 2021-05-21  
 Received Date : 2020-04-08  
 Status : Corrected  
 Generator ID : N/R  
 Generator Name : NVUSD- AMERICAN CANYON MIDDLE SCHOOL  
 Generator Address : 300 BENTON WAY, AMERICAN CANYON, CA 94503  
 Generator Mailing : 1616 LINCOLN AVE, NAPA, CA 94558  
 Generator Contact : N/R  
 Destination ID : NVT330010000  
 Destination Name : US ECOLOGY NEVADA, INC.  
 Destination Mailing : HWY 95 11 MILES S. OF BEATTY, BEATTY, NV 89003  
 Destination Address : HWY 95 11 MILES S. OF BEATTY, BEATTY, NV 89003  
 Destination Contact : N/R  
 Submission Type : DataImage5Copy  
 Origin Type : Service  
 Manifest Residue : N  
 Rejection : N  
 Last Date in Agency List : 2022-03-20

Waste Details

Waste Line Number : 1  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R  
 Non Waste Description : OILY DEBRIS  
 Quantity : 80 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.04, 0, 0.04  
 Quantity Kg, Acute, Non-Acute : 0, 36.2812  
 Management Method : H132 - LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 352

RCRA\_NONGEN

Facility Name : NVUSD - AMERICAN CANYON MIDDLE SCHOOL  
 Facility Address : 300 BENTON WAY, AMERICAN CANYON, CA 94503-4254  
 County : NAPA

Map Id: 19  
 Direction: ESE  
 Distance: 0.070 mi., 369 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** NVUSD- AMERICAN CANYON MIDDLE SCHOOL | AMERICAN CANYON MIDDLE SCHOOL  
 300 BENTON WAY | 300 BENTON WAY (BEHIND) | 300 BENTON WY AMERICAN CANYON, CA

**Database(s) :** [CHMIRS - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 466574  
 EPA ID: N/R

RCRA\_NONGEN **(cont.)**

Date Form Received by Agency : 2006-10-05  
 EPA ID : CAL000312267  
 Mailing Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Contact : ALBERT DESOUSA  
 Contact Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Contact Country : N/R  
 Contact Telephone : 707-253-3548  
 Contact Email : KIMBERLY\_SCERRI@NVUSD.ORG  
 EPA Region : 09  
 Land Type : Not Reported  
 Source Type : Implementer  
 Classification : Not a generator, verified  
 Description : Not a generator, verified  
 Last Date in Agency List : 2022-04-27

Owner/Operator Summary

Owner/Operator Name : ALBERT DESOUSA  
 Owner/Operator Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 707-253-3548  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Operator  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Owner/Operator Name : NVUSD VALLEY USD  
 Owner/Operator Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 707-253-3548  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Owner  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste : N  
 Mixed Waste (Haz. and Radioactive) : N  
 Recycler of Hazardous Waste : N  
 Transporter of Hazardous Waste : N  
 Treater, Storer or Disposer of HW : N  
 Underground Injection Activity : N  
 On-site Burner Exemption : N

Map Id: 19  
 Direction: ESE  
 Distance: 0.070 mi., 369 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** NVUSD- AMERICAN CANYON MIDDLE SCHOOL | AMERICAN CANYON MIDDLE SCHOOL  
 300 BENTON WAY | 300 BENTON WAY (BEHIND) | 300 BENTON WY AMERICAN CANYON, CA  
**Database(s) :** [CHMIRS - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 466574  
 EPA ID: N/R

RCRA\_NONGEN **(cont.)**

Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary  
 Regulation Violated : N

Map Id: 20  
 Direction: WSW  
 Distance: 0.090 mi., 477 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** American Canyon Levee DS  
 1000 Ft S Of American Canyon Slf  
 Napa, CA  
**Database(s) :** [SWF/LF - CA]

EnviroSite ID: 44276389  
 EPA ID: N/R

SWF/LF - CA

Facility Name :	American Canyon Levee DS
Facility Address :	1000 Ft S Of American Canyon Slf, Napa
County :	Napa

Site Details

Permit Date :	N/R
Permit Status :	Unpermitted
Swis Number :	28-CR-0004
Land Use :	N/R
Operator :	N/R
Operator Address :	N/R
Operator Phone :	N/R
Latitude :	38.16883
Longitude :	-122.28678
Last Date in Agency List :	2022-03-14

Owner Summary

Owner :	State Of Ca Dept Of Fish & Game
Owner Address :	N/R

Map Id: 20  
 Direction: WSW  
 Distance: 0.090 mi., 477 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** American Canyon Levee DS  
 1000 Ft S Of American Canyon Slf  
 Napa, CA  
**Database(s) :** [SWF/LF - CA] **(cont.)**

**Envirosite ID:** 44276389  
**EPA ID:** N/R

SWF/LF - CA **(cont.)**

Owner Phone : (707) 944-5500

Map Id: 21  
 Direction: N  
 Distance: 0.090 mi., 477 ft.  
 Elevation: 29 ft.  
 Relative: Higher

**Site Name :** WESTERN WINE SERVICES, INC. |  
 WESTERN WINE SERVICESNA INC.  
 125 MEZZETTA CT | 125 Mezzetta Court  
 AMERICAN CANYON | American Canyon,  
 CA  
**Database(s) :** [CALEPA SITES - CA, FRS, HAZNET - CA,  
 HIST CHMIRS - CA, HIST HAZNET - CA,  
 HWG - CA]

**Envirosite ID:** 762665  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : WESTERN WINE SERVICES, INC.  
 Facility Address : 125 MEZZETTA CT, AMERICAN CANYON, 94503

Site ID : 407629  
 EI ID : 10172587  
 EI Description : Chemical Storage Facilities  
 Latitude : 38.190350  
 Longitude : -122.277191  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

FRS

Facility Name : WESTERN WINE SERVICESNA INC.  
 Facility Address : 125 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Registry ID : 110065672105  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).



Map Id: 21  
 Direction: N  
 Distance: 0.090 mi., 477 ft.  
 Elevation: 29 ft.  
 Relative: Higher

**Site Name :** WESTERN WINE SERVICES, INC. | WESTERN WINE SERVICESNA INC.  
 125 MEZZETTA CT | 125 Mezzetta Court  
 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, FRS, HAZNET - CA, HIST CHMIRS - CA, HIST HAZNET - CA, HWG - CA] **(cont.)**

EnviroSite ID: 762665  
 EPA ID: N/R

FRS **(cont.)**

FRS Environmental Interest  
 Source and System ID : CA-ENVIROVIEW - 171416

HAZNET - CA

Facility Name : WESTERN WINE SERVICES INC  
 Facility Address : 125 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAC002619815  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : TEMPORARY  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 875 HANNA DR, AMERICAN CANYON, CA 945039606  
 Latitude : 38.19152359  
 Longitude : -122.27581838  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

HIST CHMIRS - CA

Facility Address : 125 Mezzetta Court, American Canyon  
 County : Napa County

Notified Date : 2009-06-10 21:32:00  
 Control Number : 09-4277  
 Substance 1 : Diesel  
 Quantity 1 : 50  
 Measure 1 : Gal(s)  
 Type 1 : PETROLEUM  
 Pipeline 1 : N/R  
 Vessel 1 (300 Tons) : N/R  
 Substance 2 : N/R  
 Quantity 2 : N/R  
 Measure 2 : N/R  
 Type 2 : N/R  
 Pipeline 2 : N/R  
 Vessel 2 (300 Tons) : N/R  
 Substance 3 : N/R  
 Quantity 3 : N/R  
 Measure 3 : N/R  
 Type 3 : N/R  
 Pipeline 3 : N/R  
 Vessel 3 (300 Tons) : N/R

Map Id: 21  
 Direction: N  
 Distance: 0.090 mi., 477 ft.  
 Elevation: 29 ft.  
 Relative: Higher

**Site Name :** WESTERN WINE SERVICES, INC. |  
 WESTERN WINE SERVICESNA INC.  
 125 MEZZETTA CT | 125 Mezzetta Court  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CALEPA SITES - CA, FRS, HAZNET - CA,  
 HIST CHMIRS - CA, HIST HAZNET - CA,  
 HWG - CA] **(cont.)**

EnviroSite ID: 762665  
 EPA ID: N/R

HIST CHMIRS - CA **(cont.)**

Description :	A vehicle fire involving a semi truck caused the spill. It is unknown where the private storm drain leads to if anywhere.
Contained :	Unknown
Water? :	Yes
Water Way :	Private Storm Drain
Incident Date :	2009-06-10
Time :	2113
Spill Site :	Merchant/Business
Site :	Private Storm Drain
Cause :	Other
Other Causes :	Vehicle Fire
Injuries (Y/N) :	N/R
Injuries Number :	0
Fatal (Y/N) :	N/R
Fatal Number :	0
Evacs (Y/N) :	N/R
Evacs Number :	0
Cleanup :	Unrecoverable
Admin Agency :	Napa County Department Environmental Management

HIST HAZNET - CA

Facility Name :	WESTERN WINE SERVICES INC
Facility Address :	125 MEZZETTA CT, AMERICAN CANYON, 94503-9604
ID Number :	CAC002619815
Last Date in Agency List :	2014-11-17

HWG - CA

Facility Name :	WESTERN WINE SERVICES INC
Facility Address :	125 MEZZETTA CT, AMERICAN CANYON, CA 94503
County :	NAPA
EPA ID :	CAC002619815
Status :	Inactive
Category :	STATE
Type :	TEMPORARY
Facility Type :	N/R
Mailing Address :	875 HANNA DR, AMERICAN CANYON, CA 945039606
Owner Name :	WESTERN WINE SERVICES INC
Owner Address :	875 HANNA DR, AMERICAN CANYON, CA 945039606
Operator Name :	DAVE MAGNUSON EXT 115
Operator Address :	125 MEZZETTA CT, AMERICAN CANYON, CA 945039604
Latitude :	38.193581
Longitude :	-122.275333

Map Id: 22  
 Direction: NE  
 Distance: 0.111 mi., 587 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** NAPA JUNCTION ELEMENTARY SCHOOL PROJECT  
 N/R  
 American Canyon | AMERICAN CANYON, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, CIWQS 2 - CA, RFR - CA]

**Envirosite ID:** 10105111  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : NAPA JUNCTION ELEMENTARY SCHOOL PROJECT  
 Facility Address : AMERICAN CANYON, 94503

Site ID : 547934  
 EI ID : 854504  
 EI Description : Wetlands - Fill and Dredge Material  
 Latitude : 38.182110  
 Longitude : -122.270210  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

CIWQS - CA

Facility Name : NAPA JUNCTION ELEMENTARY SCHOOL PROJECT  
 Facility Address : AMERICAN CANYON, CA 94503-1388  
 County : NAPA

Place ID : 854504  
 Agency Name : NAPA VALLEY UNIFIED SCHOOL DISTRICT  
 Last Date in Agency List : 2022-03-22

CIWQS 2 - CA

Facility Name : Napa Junction Elementary School Project  
 Facility Address : American Canyon, 94503  
 County : Napa

Facility ID : 854504  
 W DID : 2 CW427849  
 Facility Type : Unknown  
 Region : 2  
 Place Type : All Other  
 Place Subtype : Dredge/Fill Site  
 Agency Name : Napa Valley Unified School District  
 Agency Type : Community Organization  
 Number of Agencies : 1  
 Status Date : 2019-06-10  
 Status : Active  
 Status Enrollee : N  
 Individual/General : I  
 Fee Code : 87 - Dredge & Fill - Low Impact Discharges  
 Staff Assigned : N/R  
 Number of Staff Assigned : N/R  
 Supervisor : N/R  
 Number of Supervisor : N/R  
 Number of Amendments : 0  
 Number of Reg Measures : 1  
 Baseline Flow : N/R  
 Population (MS4)/Acres : N/R  
 Reclamation : N/R  
 CAFO Type : N/R

Map Id: 22  
 Direction: NE  
 Distance: 0.111 mi., 587 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** NAPA JUNCTION ELEMENTARY SCHOOL PROJECT  
 N/R  
 American Canyon | AMERICAN CANYON, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, CIWQS 2 - CA, RFR - CA] **(cont.)**

Envirosite ID: 10105111  
 EPA ID: N/R

CIWQS 2 - CA **(cont.)**

CAFO Subtype :	N/R
CAFO Population :	N/R
Onsite :	N/R
Quality Assurance :	N/R
RCRA Flag :	N/R
Total MMP Violations Number :	0
Total Number of Violations :	0
Total Number of Inspections :	0
Date of Most Recent Completed Inspection:	N/R
Date of Most Recent Received Report :	2022-01-04
Total Number of Final (A+H) Enforcement Actions:	0
Most Recent Effective Date of Enf Action (A+H):	N/R
Program :	CERFILLEXC
Program Category :	CER
Number of Programs :	1
Complexity :	N/R
Pretreatment :	N/R
Facility Waste Type :	N/R
Reg Measure ID :	427849
Reg Measure Type :	Enrollee - 401 Certification
Reg Measure Title :	Enrollee - 401 Certification for Napa Valley Unified School District
Reg Measure Description :	Construct an elementary school.
SIC 1 :	-
SIC 2 :	-
SIC 3 :	-
Latitude :	38.18211
Longitude :	-122.27021
Last Date in Agency List :	2022-05-06

RFR - CA

Facility Name :	Napa Junction Elementary School Project
Facility Address :	American Canyon, CA 94503
County :	Napa
Effective Date :	2019-06-03
Adoption Date :	N/R
Termination Date :	N/R
Expiration/Review Date :	2024-06-03
NPDES Number :	N/R
Order Number :	2004-0004-DWQ
WDID :	2 CW427849
SIC/NAICS :	N/R
Program :	CERFILLEXC
Regulatory Measure Status :	Active
Regulatory Measure Type :	Enrollee - 401 Certification
Place/Project Type :	Dredge/Fill Site
Region :	2
Design Flow :	N/R
Major/Minor :	N/R

Map Id: 22  
 Direction: NE  
 Distance: 0.111 mi., 587 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** NAPA JUNCTION ELEMENTARY SCHOOL PROJECT  
 N/R  
 American Canyon | AMERICAN CANYON, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, CIWQS 2 - CA, RFR - CA] **(cont.)**

**Envirosite ID:** 10105111  
**EPA ID:** N/R

RFR - CA **(cont.)**

Complexity : N/R  
 TTWQ : N/R  
 Number of Enforcement Actions within Five Years: N/R  
 Number of Violations within Five Years: N/R  
 Agency : Napa Valley Unified School District  
 Agency Address : 1616 Lincoln Avenue, Napa, CA 94558  
 Latitude : 38.18211  
 Longitude : -122.27021  
 Last Date in Agency List : 2022-03-07

Map Id: 23  
 Direction: NNE  
 Distance: 0.142 mi., 752 ft.  
 Elevation: 19 ft.  
 Relative: Higher

**Site Name :** SDG Commerce 330 Warehouse | COMMERCE BLVD PIPELINE PROJ  
 COMMERCE BOULEVARD NORTH OF EUCALYPTUS DRIVE  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, NPDES - CA, RFR - CA]

**Envirosite ID:** 1107796  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : SDG Commerce 330 Warehouse  
 Facility Address : COMMERCE BOULEVARD NORTH OF EUCALYPTUS DRIVE, AMERICAN CANYON, 94503

Site ID : 542093  
 EI ID : 869597  
 EI Description : Construction Storm Water  
 Latitude : 38.183900  
 Longitude : -122.273200  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-08-26

CIWQS - CA

Facility Name : COMMERCE BLVD PIPELINE PROJ  
 Facility Address : COMMERCE BLVD NORTH OF EUCALYPTUS DR, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S218126  
 Agency Name : AMERICAN CANYON CITY  
 Last Date in Agency List : 2022-03-22



Map Id: 23  
 Direction: NNE  
 Distance: 0.142 mi., 752 ft.  
 Elevation: 19 ft.  
 Relative: Higher

**Site Name :** SDG Commerce 330 Warehouse |  
 COMMERCE BLVD PIPELINE PROJ  
 COMMERCE BOULEVARD NORTH OF  
 EUCALYPTUS DRIVE  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, NPDES -  
 CA, RFR - CA] **(cont.)**

**EnviroSite ID:** 1107796  
**EPA ID:** N/R

CIWQS - CA **(cont.)**

Facility Name : SDG COMMERCE 330 WAREHOUSE  
 Facility Address : COMMERCE BOULEVARD NORTH OF EUCALYPTUS DRIVE, AMERICAN  
 CANYON, CA 94503  
 County : NAPA

Place ID : S869597  
 Agency Name : SDG COMMERCE 330 LLC  
 Last Date in Agency List : 2022-03-22

NPDES - CA

Facility Name : SDG Commerce 330 Warehouse  
 Facility Address : Commerce Boulevard North of Eucalyptus Drive, American Canyon,  
 94503  
 County : Napa

Effective Date : 2019-01-24  
 Adoption Date : N/R  
 Expiration Date : N/R  
 Termination Date : 2020-12-12  
 Order Number : 2009-0009-DWQ  
 NPDES Number : CAS000002  
 WDID : 2 28C385821  
 RM Status : Terminated  
 Reg Meas ID : 503987  
 Reg Meas Type : Enrollee  
 Program : Construction  
 Facility Place ID : N/R  
 Region Code : 2  
 Discharger ID : 0  
 Discharger : SDG Commerce 330 LLC  
 Discharger Address : 413 West Yosemite Avenue, Madera, California 93637  
 Last Date in Agency List : 2022-05-17

RFR - CA

Facility Name : SDG Commerce 330 Warehouse  
 Facility Address : Commerce Boulevard North of Eucalyptus Drive, American Canyon, CA  
 94503  
 County : Napa

Effective Date : 2019-01-24  
 Adoption Date : N/R  
 Termination Date : N/R  
 Expiration/Review Date : N/R  
 NPDES Number : CAS000002  
 Order Number : 2009-0009-DWQ  
 WDID : 2 28C385821  
 SIC/NAICS : N/R

Map Id: 23  
 Direction: NNE  
 Distance: 0.142 mi., 752 ft.  
 Elevation: 19 ft.  
 Relative: Higher

**Site Name :** SDG Commerce 330 Warehouse |  
 COMMERCE BLVD PIPELINE PROJ  
 COMMERCE BOULEVARD NORTH OF  
 EUCALYPTUS DRIVE  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, NPDES -  
 CA, RFR - CA] **(cont.)**

**Envirosite ID:** 1107796  
**EPA ID:** N/R

RFR - CA **(cont.)**

Program :	CONSTW
Regulatory Measure Status :	Active
Regulatory Measure Type :	Storm water construction
Place/Project Type :	Construction - Industrial
Region :	2
Design Flow :	N/R
Major/Minor :	N/R
Complexity :	N/R
TTWQ :	N/R
Number of Enforcement Actions within Five Years:	N/R
Number of Violations within Five Years:	N/R
Agency :	SDG Commerce 330 LLC
Agency Address :	413 West Yosemite Avenue Suite 105, Madera, CA 93637
Latitude :	38.1839
Longitude :	-122.2732
Last Date in Agency List :	2020-10-08

Map Id: C24  
 Direction: NNE  
 Distance: 0.171 mi., 904 ft.  
 Elevation: 48 ft.  
 Relative: Higher

**Site Name :** WESTERN WINE SERVICES  
 1155 COMMERCE  
 AMERICAN CANYON, CA 94503

**Database(s) :** [CALEPA SITES - CA, FRS]

**Envirosite ID:** 894713  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name :	WESTERN WINE SERVICES
Facility Address :	1155 COMMERCE, AMERICAN CANYON, 94503
Site ID :	171415
EI ID :	10172583
EI Description :	Chemical Storage Facilities
Latitude :	38.190430
Longitude :	-122.271440
Agency Hyperlink :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2022-04-07

FRS

Facility Name :	WESTERN WINE SERVICES
Facility Address :	1155 COMMERCE, AMERICAN CANYON, CA 94503
County :	NAPA

Map Id: C24  
 Direction: NNE  
 Distance: 0.171 mi., 904 ft.  
 Elevation: 48 ft.  
 Relative: Higher

**Site Name :** WESTERN WINE SERVICES  
 1155 COMMERCE  
 AMERICAN CANYON, CA 94503

**Database(s) :** [CALEPA SITES - CA, FRS] **(cont.)**

**Envirosite ID:** 894713  
**EPA ID:** N/R

FRS **(cont.)**

Site Details

Registry ID : 110057103879  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Source Description : The California Environmental Reporting System (CERS) is a statewide web-based user and information exchange system to support over 140,000 regulated businesses and over 130 local agencies in electronically collecting and reporting significant hazardous materials, hazardous waste and compliance and enforcement data as mandated by California law. Under oversight by Cal/EPA, certified local governing agencies (Unified Program Agencies - UPAs) consolidate, coordinate and provide consistent regulatory activities for six state and federal environmental programs.

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

FRS Environmental Interest

Source and System ID : CA-CERS - 10172583  
 CA-ENVIROVIEW - 171415

Map Id: C25  
 Direction: NNE  
 Distance: 0.189 mi., 1001 ft.  
 Elevation: 51 ft.  
 Relative: Higher

**Site Name :** THE HESS COLLECTION WINERY AM CAN |  
 HESS COLLECTION - AMERICAN CANYON  
 1166 COMMERCE BLVD | 1166  
 Commerce Blvd. near Green Island Rd.  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 FRS, HIST CHMIRS - CA, ICIS, INACTIVE  
 PCS, NPDES - CA, PCS FACILITY, RFR - CA,  
 STORMWATER]

**Envirosite ID:** 483692  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : HESS COLLECTION - AMERICAN CANYON  
 Facility Address : 1166 COMMERCE BLVD, AMERICAN CANYON, 94503

Map Id: C25  
 Direction: NNE  
 Distance: 0.189 mi., 1001 ft.  
 Elevation: 51 ft.  
 Relative: Higher

Envirosite ID: 483692  
 EPA ID: N/R

**Site Name :** THE HESS COLLECTION WINERY AM CAN |  
 HESS COLLECTION - AMERICAN CANYON  
 1166 COMMERCE BLVD | 1166  
 Commerce Blvd. near Green Island Rd.  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 FRS, HIST CHMIRS - CA, ICIS, INACTIVE  
 PCS, NPDES - CA, PCS FACILITY, RFR - CA,  
 STORMWATER] **(cont.)**

CALEPA SITES - CA **(cont.)**

Site ID : 36234  
 EI ID : 10187991  
 EI Description : Chemical Storage Facilities  
 Latitude : 38.190716  
 Longitude : -122.270332  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Facility Name : THE HESS COLLECTION WINERY AM CAN  
 Facility Address : 1166 COMMERCE BLVD, AMERICAN CANYON, 94503

Site ID : 544209  
 EI ID : 822830  
 EI Description : Industrial Facility Storm Water  
 Latitude : 38.190720  
 Longitude : -122.270330  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

CIWQS - CA

Facility Name : THE HESS COLLECTION WINERY AM CAN  
 Facility Address : 1166 COMMERCE BLVD, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S822830  
 Agency Name : THE HESS COLLECTION WINERY  
 Last Date in Agency List : 2022-03-22

ECHO

Facility Name : THE HESS COLLECTION WINERY AM CAN  
 Facility Address : 1166 COMMERCE BLVD, AMERICAN CANYON, CA 94503  
 County : N/R

Last Inspection Date : N/R  
 Registry ID : 110070092462  
 FIPS Code : 06055  
 EPA Region : 09  
 Inspection Count : 0  
 Last Inspection Days : N/R  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0

Map Id: C25  
 Direction: NNE  
 Distance: 0.189 mi., 1001 ft.  
 Elevation: 51 ft.  
 Relative: Higher

**Site Name :** THE HESS COLLECTION WINERY AM CAN |  
 HESS COLLECTION - AMERICAN CANYON  
 1166 COMMERCE BLVD | 1166  
 Commerce Blvd. near Green Island Rd.  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 FRS, HIST CHMIRS - CA, ICIS, INACTIVE  
 PCS, NPDES - CA, PCS FACILITY, RFR - CA,  
 STORMWATER] **(cont.)**

Envirosite ID: 483692  
 EPA ID: N/R

ECHO **(cont.)**

Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation Identified
Three-Year Compliance Status :	
Collection Method :	N/R
Reference Point :	N/R
Accuracy Meters :	17531
Derived Tribes :	Lytton Rancheria of California - 16.7 mile(s)
Derived HUC :	18050002
Derived WBD :	180500020401
Derived STCTY FIPS :	06055
Derived Zip :	94503
Derived CD113 :	05
Derived CB2010 :	060552010051081
MYRTK Universe :	NNN
NPDES IDs :	CAZ437151
CWA Permit Types :	Minor
CWA Compliance Tracking :	On
CWA NAICS :	N/R
CWA SICS :	2084
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	0
CWA Current Compliance Status :	No Violation Identified
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	2084
Facility NAICS :	N/R
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N



Map Id: C25  
 Direction: NNE  
 Distance: 0.189 mi., 1001 ft.  
 Elevation: 51 ft.  
 Relative: Higher

**Site Name :** THE HESS COLLECTION WINERY AM CAN | HESS COLLECTION - AMERICAN CANYON  
 1166 COMMERCE BLVD | 1166  
 Commerce Blvd. near Green Island Rd.  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HIST CHMIRS - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RFR - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 483692  
**EPA ID:** N/R

**ECHO (cont.)**

Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	Y
SDWIS Flag :	N
RCRA Flag :	N
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	Y
Latitude :	38.19072
Longitude :	-122.27033
Last Date in Agency List :	2022-03-29

**FRS**

Facility Name :	HESS COLLECTION - AMERICAN CANYON
Facility Address :	1166 COMMERCE BLVD, AMERICAN CANYON, CA 94503
County :	NAPA

**Site Details**

Registry ID :	110055874549
FRS Facility URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2022-05-11

**Source Description**

Source Description :

The California Environmental Reporting System (CERS) is a statewide web-based user and information exchange system to support over 140,000 regulated businesses and over 130 local agencies in electronically collecting and reporting significant hazardous materials, hazardous waste and compliance and enforcement data as mandated by California law. Under oversight by Cal/EPA, certified local governing agencies (Unified Program Agencies - UPAs) consolidate, coordinate and provide consistent regulatory activities for six state and federal environmental programs.

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

Map Id: C25  
 Direction: NNE  
 Distance: 0.189 mi., 1001 ft.  
 Elevation: 51 ft.  
 Relative: Higher

**Site Name :** THE HESS COLLECTION WINERY AM CAN |  
 HESS COLLECTION - AMERICAN CANYON  
 1166 COMMERCE BLVD | 1166  
 Commerce Blvd. near Green Island Rd.  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 FRS, HIST CHMIRS - CA, ICIS, INACTIVE  
 PCS, NPDES - CA, PCS FACILITY, RFR - CA,  
 STORMWATER] **(cont.)**

**Envirosite ID:** 483692  
**EPA ID:** N/R

**FRS (cont.)**

FRS Environmental Interest  
 Source and System ID : CA-CERS - 10187991  
 CA-ENVIROVIEW - 122395  
 CA-ENVIROVIEW - 36234

Facility Name : THE HESS COLLECTION WINERY AM CAN  
 Facility Address : 1166 COMMERCE BLVD, AMERICAN CANYON, CA 94503  
 County : N/R

**Site Details**

Registry ID : 110070092462  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

**Source Description**

**Source Description :**

The 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.

FRS Environmental Interest  
 Source and System ID : ICIS - CAZ437151

**HIST CHMIRS - CA**

Facility Address : 1166 Commerce Blvd. near Green Island Rd., American Canyon  
 County : Napa County

Notified Date : 2004-12-01 11:58:27  
 Control Number : 04-6248  
 Substance 1 : Sewage  
 Quantity 1 : 2  
 Measure 1 : N/R  
 Type 1 : N/R  
 Pipeline 1 : N/R  
 Vessel 1 (300 Tons) : N/R  
 Substance 2 : N/R  
 Quantity 2 : N/R

Map Id: C25  
 Direction: NNE  
 Distance: 0.189 mi., 1001 ft.  
 Elevation: 51 ft.  
 Relative: Higher

**Site Name :** THE HESS COLLECTION WINERY AM CAN |  
 HESS COLLECTION - AMERICAN CANYON  
 1166 COMMERCE BLVD | 1166  
 Commerce Blvd. near Green Island Rd.  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 FRS, HIST CHMIRS - CA, ICIS, INACTIVE  
 PCS, NPDES - CA, PCS FACILITY, RFR - CA,  
 STORMWATER] **(cont.)**

Envirosite ID: 483692  
 EPA ID: N/R

HIST CHMIRS - CA **(cont.)**

Measure 2 : N/R  
 Type 2 : N/R  
 Pipeline 2 : N/R  
 Vessel 2 (300 Tons) : N/R  
 Substance 3 : N/R  
 Quantity 3 : N/R  
 Measure 3 : N/R  
 Type 3 : N/R  
 Pipeline 3 : N/R  
 Vessel 3 (300 Tons) : N/R

Description : Substance is coming out of a cleanout for a sewer system. It has been overflowing since Wednesday of last week, estimating approx 2 gallons per day. Storm Drain is less than 500' from a creek. Location is the parking lot of a huge warehouse associated with wine.

Contained : No  
 Water? : N/R  
 Water Way : Storm Drain  
 Incident Date : 2004-12-01  
 Time : N/R  
 Spill Site : Other  
 Site : N/R  
 Cause : N/R  
 Other Causes : N/R  
 Injuries (Y/N) : N/R  
 Injuries Number : 0  
 Fatal (Y/N) : N/R  
 Fatal Number : 0  
 Evacs (Y/N) : N/R  
 Evacs Number : 0  
 Cleanup : Unknown  
 Admin Agency : Napa County Dept. Environmental Mgmt

ICIS

Facility Name : THE HESS COLLECTION WINERY AM CAN  
 Facility Address : 1166 COMMERCE BLVD, AMERICAN CANYON, CA 94503

Site Details

NPDES ID : CAZ437151  
 ICIS Facility Interest ID : 3600730014  
 Facility UIN : 110070092462  
 Facility Type Code : Privately Owned Facility  
 Impaired Waters : N/R  
 Latitude : 38.19072  
 Longitude : -122.27033  
 Last Date in Agency List : 2022-05-02

Map Id: C25  
 Direction: NNE  
 Distance: 0.189 mi., 1001 ft.  
 Elevation: 51 ft.  
 Relative: Higher

**Site Name :** THE HESS COLLECTION WINERY AM CAN | HESS COLLECTION - AMERICAN CANYON  
 1166 COMMERCE BLVD | 1166  
 Commerce Blvd. near Green Island Rd.  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HIST CHMIRS - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RFR - CA, STORMWATER] **(cont.)**

EnviroSite ID: 483692  
 EPA ID: N/R

ICIS **(cont.)**

Facility SIC  
 SIC Code : 2084  
 SIC Description : Wines, Brandy, And Brandy Spirits

INACTIVE PCS

Issue Date : 2015-07-01  
 Original Issue Date : 2015-07-01  
 Effective Date : 2015-07-01  
 Expiration Date : 2020-06-30  
 Retirement Date : N/R  
 Termination Date : N/R  
 Issuing Agency : CA Waterboards  
 Agency Type : State  
 Activity ID : 3601109386  
 External Permit Number : CAZ437151  
 Facility Type Indicator : NON-POTW  
 Permit Type : General Permit Covered Facility-NPDES)  
 Major Minor Status : N  
 Permit Status : Expired  
 Total Design Flow Number : N/R  
 Actual Average Flow Number : N/R  
 State Water Body : N/R  
 State Water Body Name : N/R  
 Permit Name : The Hess Collection Winery  
 Permit Comp Status : Y  
 RNC Tracking : Y  
 Master External Permit Number : CAS000001  
 TMDL Interface : N/R  
 EDMR Authorization : N  
 Pretreatment Indicator : N/R  
 Last Date in Agency List : 2022-01-14

NPDES - CA

Facility Name : The Hess Collection Winery Am Can  
 Facility Address : 1166 Commerce Blvd, American Canyon, 94503  
 County : Napa

Effective Date : 2013-04-25  
 Adoption Date : N/R  
 Expiration Date : N/R  
 Termination Date : N/R  
 Order Number : 97-03-DWQ  
 NPDES Number : CAS000001  
 WDID : 2 28I024227  
 RM Status : Active  
 Reg Meas ID : 437151  
 Reg Meas Type : Enrollee

Map Id: C25  
 Direction: NNE  
 Distance: 0.189 mi., 1001 ft.  
 Elevation: 51 ft.  
 Relative: Higher

**Site Name :** THE HESS COLLECTION WINERY AM CAN | HESS COLLECTION - AMERICAN CANYON  
 1166 COMMERCE BLVD | 1166  
 Commerce Blvd. near Green Island Rd.  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HIST CHMIRS - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RFR - CA, STORMWATER] **(cont.)**

Envirosite ID: 483692  
 EPA ID: N/R

NPDES - CA **(cont.)**

Program :	Industrial
Facility Place ID :	N/R
Region Code :	2
Discharger ID :	0
Discharger :	The Hess Collection Winery
Discharger Address :	1166 Commerce Blvd, American Canyon, California 94503
Last Date in Agency List :	2022-05-17

PCS FACILITY

Issue Date :	2015-07-01
Original Issue Date :	2015-07-01
Effective Date :	2015-07-01
Expiration Date :	2020-06-30
Retirement Date :	N/R
Termination Date :	N/R
Issuing Agency :	CA Waterboards
Agency Type :	State
Activity ID :	3601109386
External Permit Number :	CAZ437151
Facility Type Indicator :	NON-POTW
Permit Type :	General Permit Covered Facility-NPDES)
Major Minor Status :	N
Permit Status :	Effective
Total Design Flow Number :	N/R
Actual Average Flow Number :	N/R
State Water Body :	N/R
State Water Body Name :	N/R
Permit Name :	The Hess Collection Winery
Permit Comp Status :	Y
RNC Tracking :	Y
Master External Permit Number :	CAS000001
TMDL Interface :	N/R
EDMR Authorization :	N
Pretreatment Indicator :	N/R
Last Date in Agency List :	2020-02-11

RFR - CA

Facility Name :	The Hess Collection Winery Am Can
Facility Address :	1166 Commerce Blvd, American Canyon, CA 94503
County :	Napa
Effective Date :	2013-04-25
Adoption Date :	N/R
Termination Date :	N/R
Expiration/Review Date :	N/R
NPDES Number :	CAS000001
Order Number :	2014-0057-DWQ



Map Id: C25  
 Direction: NNE  
 Distance: 0.189 mi., 1001 ft.  
 Elevation: 51 ft.  
 Relative: Higher

**Site Name :** THE HESS COLLECTION WINERY AM CAN | HESS COLLECTION - AMERICAN CANYON 1166 COMMERCE BLVD | 1166 Commerce Blvd. near Green Island Rd. AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HIST CHMIRS - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RFR - CA, STORMWATER] **(cont.)**

Envirosite ID: 483692  
 EPA ID: N/R

RFR - CA **(cont.)**

WDID :	2 28I024227
SIC/NAICS :	2084
Program :	INDSTW
Regulatory Measure Status :	Active
Regulatory Measure Type :	Storm water industrial
Place/Project Type :	Industrial - Wines, Brandy, and Brandy Spirits
Region :	2
Design Flow :	N/R
Major/Minor :	N/R
Complexity :	N/R
TTWQ :	N/R
Number of Enforcement Actions within Five Years:	N/R
Number of Violations within Five Years:	N/R
Agency :	The Hess Collection Winery
Agency Address :	1166 Commerce Blvd, American Canyon, CA 94503
Latitude :	38.19072
Longitude :	-122.27033
Last Date in Agency List :	2022-03-07

STORMWATER

Facility Name :	THE HESS COLLECTION WINERY AM CAN
Facility Address :	1166 COMMERCE BLVD, AMERICAN CANYON, CA 94503
NPDES ID :	CAZ437151
Permittee Name :	The Hess Collection Winery
Permit Status :	Expired
Permit Issuing Name :	State
Issued Date :	2015-07-01
Effective Date :	2015-07-01
Termination Date :	N/R
Expiration Date :	2020-06-30
EPA Region :	09
SIC Code :	2084
NAICS Code :	N/R
EJ Indexes Above 80th Percentile :	1
Significant Noncompliance Status :	N/R
Quarters with Noncompliance :	0
Industrial Stormwater Formal Enforcement Actions:	N/R
Facility Map Flag :	Y
DRF URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Latitude :	38.19072
Longitude :	-122.27033
Last Date in Agency List :	2022-03-21

Map Id: D26  
 Direction: E  
 Distance: 0.193 mi., 1022 ft.  
 Elevation: 22 ft.  
 Relative: Higher

**Site Name :** NVUSD - AMERICAN CANYON HIGH SCHOOL  
 3000 BENTON WAY  
 AMERICAN CANYON, CA 94503

**Database(s) :** [ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN]

Envirosite ID: 44378187  
 EPA ID: N/R

ECHO

Facility Name : NVUSD-AMERICAN CANYON HIGH SCHOOL  
 Facility Address : 3000 BENTON WAY, AMERICAN CANYON, CA 94503  
 County : NAPA

Last Inspection Date : N/R  
 Registry ID : 110070476281  
 FIPS Code : N/R  
 EPA Region : 09  
 Inspection Count : 0  
 Last Inspection Days : N/R  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : 0  
 Programs IN SNC : 0  
 Current Compliance Status : No Violation Identified  
 Three-Year Compliance Status :  
 Collection Method : ADDRESS MATCHING (GEOCODING)  
 Reference Point : N/R  
 Accuracy Meters : N/R  
 Derived Tribes : N/R  
 Derived HUC : N/R  
 Derived WBD : N/R  
 Derived STCTY FIPS : N/R  
 Derived Zip : N/R  
 Derived CD113 : N/R  
 Derived CB2010 : N/R  
 MYRTK Universe : NNN  
 NPDES IDs : N/R  
 CWA Permit Types : N/R  
 CWA Compliance Tracking : N/R  
 CWA NAICS : N/R  
 CWA SICS : N/R  
 CWA Inspection Count : N/R  
 CWA Last Inspection Days : N/R  
 CWA Informal Count : N/R  
 CWA Formal Action Count : N/R  
 CWA Last Formal Action Date : N/R  
 CWA Penalties : N/R  
 CWA Last Penalty Date : N/R  
 CWA Last Penalty Amount : N/R  
 CWA Quarters IN NC : N/R  
 CWA Current Compliance Status : N/R  
 CWA Current SNC Flag : N  
 CWA 13 Quarters Compliance Status : N/R  
 CWA 13 Quarters Effluent Exceedances: N/R  
 CWA Three-Year QNCR Codes : N/R  
 DFR URL : [Click here for hyperlink provided by the agency.](#)  
 Facility SIC : N/R

Map Id: D26  
 Direction: E  
 Distance: 0.193 mi., 1022 ft.  
 Elevation: 22 ft.  
 Relative: Higher

**Site Name :** NVUSD - AMERICAN CANYON HIGH SCHOOL  
 3000 BENTON WAY  
 AMERICAN CANYON, CA 94503

**Database(s) :** [ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

**Envirosite ID:** 44378187  
**EPA ID:** N/R

**ECHO (cont.)**

Facility NAICS :	61111 - Elementary and Secondary Schools
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N
Latitude :	38.170088
Longitude :	-122.265366
Last Date in Agency List :	2022-03-29

**FRS**

Facility Name :	NVUSD-AMERICAN CANYON HIGH SCHOOL
Facility Address :	3000 BENTON WAY, AMERICAN CANYON, CA 94503-0000
County :	NAPA

**Site Details**

Registry ID :	110070476281
FRS Facility URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2022-05-11

**Source Description**

**Source Description :**

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

Map Id: D26  
 Direction: E  
 Distance: 0.193 mi., 1022 ft.  
 Elevation: 22 ft.  
 Relative: Higher

**Site Name :** NVUSD - AMERICAN CANYON HIGH SCHOOL  
 3000 BENTON WAY  
 AMERICAN CANYON, CA 94503

**Database(s) :** [ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

**Envirosite ID:** 44378187  
**EPA ID:** N/R

**FRS (cont.)**

FRS Environmental Interest Source and System ID : RCRAINFO - CAL000355296

**HAZNET - CA**

Facility Name : NVUSD-AMERICAN CANYON HIGH SCHOOL  
 Facility Address : 3000 BENTON WAY, AMERICAN CANYON, CA 94503  
 County : NAPA

**Site Details**

Generator EPA ID : CAL000355296  
 Active : Active  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Latitude : 38.17008774  
 Longitude : -122.26537047  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

**Waste Generator Details**

State Waste : 2018: 343 - Unspecified organic liquid mixture, 0.44200 tons to NVT330010000  
 2014: 551 - Laboratory waste chemicals, 0.073 tons to CAD028409019

**HWG - CA**

Facility Name : NVUSD-AMERICAN CANYON HIGH SCHOOL  
 Facility Address : 3000 BENTON WAY, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAL000355296  
 Status : Active  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Owner Name : NVUSD  
 Owner Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Operator Name : ALBERT DESOUSA  
 Operator Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Latitude : 38.170358  
 Longitude : -122.262968

**MANIFEST EPA**

**Manifest Details**

Map Id: D26  
 Direction: E  
 Distance: 0.193 mi., 1022 ft.  
 Elevation: 22 ft.  
 Relative: Higher

**Site Name :** NVUSD - AMERICAN CANYON HIGH SCHOOL  
 3000 BENTON WAY  
 AMERICAN CANYON, CA 94503

**Database(s) :** [ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

**Envirosite ID:** 44378187  
**EPA ID:** N/R

**MANIFEST EPA (cont.)**

Manifest Number : 011725717FLE  
 Shipped Date : 2018-07-26  
 Updated Date : 2021-05-25  
 Received Date : 2018-09-05  
 Status : Corrected  
 Generator ID : N/R  
 Generator Name : NVUSD - AMERICAN CANYON HIGH SCHOOL  
 Generator Address : 3000 BENTON WAY, AMERICAN CANYON, CA 94503  
 Generator Mailing : 1616 LINCOLN AVE, NAPA, CA 94558  
 Generator Contact : N/R  
 Destination ID : NVT330010000  
 Destination Name : US ECOLOGY NEVADA, INC.  
 Destination Mailing : HWY 95 11 MILES S. OF BEATTY, BEATTY, NV 89003  
 Destination Address : HWY 95 11 MILES S. OF BEATTY, BEATTY, NV 89003  
 Destination Contact : N/R  
 Submission Type : DataImage5Copy  
 Origin Type : Service  
 Manifest Residue : N  
 Rejection : N  
 Last Date in Agency List : 2022-03-20

**Waste Details**

Waste Line Number : 1  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R  
 Non Waste Description : NEUTRALIZATION WASTE  
 Quantity : 165 Gallons  
 Quantity Tons, Acute, Non-Acute : 0.6880734, 0, 0.6880734  
 Quantity Kg, Acute, Non-Acute : 0, 624.1032  
 Management Method : H039 - OTHER RECOVERY OR RECLAMATION FOR REUSE  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 343

Waste Line Number : 2  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R  
 Non Waste Description : OILY DEBRIS  
 Quantity : 2500 Pounds  
 Quantity Tons, Acute, Non-Acute : 1.25, 0, 1.25  
 Quantity Kg, Acute, Non-Acute : 0, 1133.7876  
 Management Method : H132 - LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 352

**RCRA\_NONGEN**

Facility Name : NVUSD-AMERICAN CANYON HIGH SCHOOL  
 Facility Address : 3000 BENTON WAY, AMERICAN CANYON, CA 94503-0000



Map Id: D26  
 Direction: E  
 Distance: 0.193 mi., 1022 ft.  
 Elevation: 22 ft.  
 Relative: Higher

**Site Name :** NVUSD - AMERICAN CANYON HIGH SCHOOL  
 3000 BENTON WAY  
 AMERICAN CANYON, CA 94503

**Database(s) :** [ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

**Envirosite ID:** 44378187  
**EPA ID:** N/R

**RCRA\_NONGEN (cont.)**

County : NAPA

Date Form Received by Agency : 2010-07-30  
 EPA ID : CAL000355296  
 Mailing Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Contact : ALBERT DESOUSA  
 Contact Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Contact Country : N/R  
 Contact Telephone : 707-253-3548  
 Contact Email : KIMBERLY\_SCERRI@NVUSD.ORG  
 EPA Region : 09  
 Land Type : Not Reported  
 Source Type : Implementer  
 Classification : Not a generator, verified  
 Description : Not a generator, verified  
 Last Date in Agency List : 2022-04-27

**Owner/Operator Summary**

Owner/Operator Name : ALBERT DESOUSA  
 Owner/Operator Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 707-253-3548  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Operator  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Owner/Operator Name : NVUSD WEST COAST INC  
 Owner/Operator Address : 1616 LINCOLN AVE, NAPA, CA 94558  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 707-253-3548  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Owner  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

**Handler Activities Summary**

U.S. Importer of Hazardous Waste : N  
 Mixed Waste (Haz. and Radioactive) : N  
 Recycler of Hazardous Waste : N  
 Transporter of Hazardous Waste : N  
 Treater, Storer or Disposer of HW : N  
 Underground Injection Activity : N  
 On-site Burner Exemption : N  
 Furnace Exemption : N

Map Id: D26  
 Direction: E  
 Distance: 0.193 mi., 1022 ft.  
 Elevation: 22 ft.  
 Relative: Higher

**Site Name :** NVUSD - AMERICAN CANYON HIGH SCHOOL  
 3000 BENTON WAY  
 AMERICAN CANYON, CA 94503

**Database(s) :** [ECHO, FRS, HAZNET - CA, HWG - CA, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

**Envirosite ID:** 44378187  
**EPA ID:** N/R

**RCRA\_NONGEN (cont.)**

Used Oil Fuel Burner : N  
 Used Oil Processor : N  
 Used Oil Refiner : N  
 Used Oil Fuel Marketer to Burner : N  
 Used Oil Specification Marketer : N  
 Used Oil Transfer Facility : N  
 Used Oil Transporter : N

Notices of Violations Summary  
 Regulation Violated : N

Map Id: E27  
 Direction: N  
 Distance: 0.202 mi., 1069 ft.  
 Elevation: 27 ft.  
 Relative: Higher

**Site Name :** WWF OPERATING CO.  
 110 B MEZZETTA COURT  
 AMERICAN CANYON, CA 94503

**Database(s) :** [ECHO, FRS, HAZNET - CA, HWG - CA, RCRA\_NONGEN]

**Envirosite ID:** 1126116  
**EPA ID:** N/R

**ECHO**

Facility Name : WWF OPERATING CO.  
 Facility Address : 110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 County : NAPA

Last Inspection Date : N/R  
 Registry ID : N/R  
 FIPS Code : N/R  
 EPA Region : 09  
 Inspection Count : 0  
 Last Inspection Days : N/R  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : 0  
 Programs IN SNC : 0  
 Current Compliance Status : No Violation Identified  
 Three-Year Compliance Status :  
 Collection Method : Zip Code Centroid  
 Reference Point : N/R  
 Accuracy Meters : 10000  
 Derived Tribes : N/R

Map Id: E27  
 Direction: N  
 Distance: 0.202 mi., 1069 ft.  
 Elevation: 27 ft.  
 Relative: Higher

**Site Name :** WWF OPERATING CO.  
 110 B MEZZETTA COURT  
 AMERICAN CANYON, CA 94503

**Database(s) :** [ECHO, FRS, HAZNET - CA, HWG - CA, RCRA\_NONGEN] (**cont.**)

EnviroSite ID: 1126116  
 EPA ID: N/R

ECHO (**cont.**)

Derived HUC :	N/R
Derived WBD :	N/R
Derived STCTY FIPS :	N/R
Derived Zip :	N/R
Derived CD113 :	N/R
Derived CB2010 :	N/R
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICs :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	56299 - All Other Waste Management Services
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	38.175095
Longitude :	-122.252743
Last Date in Agency List :	2019-07-15

Map Id: E27  
 Direction: N  
 Distance: 0.202 mi., 1069 ft.  
 Elevation: 27 ft.  
 Relative: Higher

**Site Name :** WWF OPERATING CO.  
 110 B MEZZETTA COURT  
 AMERICAN CANYON, CA 94503

**Database(s) :** [ECHO, FRS, HAZNET - CA, HWG - CA,  
 RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 1126116  
 EPA ID: N/R

ECHO **(cont.)**

Last Inspection Date :	N/R
Registry ID :	110070572124
FIPS Code :	N/R
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation Identified
Three-Year Compliance Status :	
Collection Method :	ADDRESS MATCHING (GEOCODING)
Reference Point :	N/R
Accuracy Meters :	N/R
Derived Tribes :	N/R
Derived HUC :	N/R
Derived WBD :	N/R
Derived STCTY FIPS :	N/R
Derived Zip :	N/R
Derived CD113 :	N/R
Derived CB2010 :	N/R
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICs :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	56299 - All Other Waste Management Services
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R

Map Id: E27  
 Direction: N  
 Distance: 0.202 mi., 1069 ft.  
 Elevation: 27 ft.  
 Relative: Higher

**Site Name :** WWF OPERATING CO.  
 110 B MEZZETTA COURT  
 AMERICAN CANYON, CA 94503

**Database(s) :** [ECHO, FRS, HAZNET - CA, HWG - CA,  
 RCRA\_NONGEN] **(cont.)**

**EnviroSite ID:** 1126116  
**EPA ID:** N/R

**ECHO (cont.)**

Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N
Latitude :	38.192923
Longitude :	-122.275312
Last Date in Agency List :	2022-03-29

**FRS**

Facility Name :	WWF OPERATING CO.
Facility Address :	110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503
County :	NAPA

**Site Details**

Registry ID :	110070572124
FRS Facility URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2022-05-11

**Source Description**

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

**FRS Environmental Interest**

Source and System ID :	RCRAINFO - CAC003006631
------------------------	-------------------------



Map Id: E27  
 Direction: N  
 Distance: 0.202 mi., 1069 ft.  
 Elevation: 27 ft.  
 Relative: Higher

**Site Name :** WWF OPERATING CO.  
 110 B MEZZETTA COURT  
 AMERICAN CANYON, CA 94503

**Database(s) :** [ECHO, FRS, HAZNET - CA, HWG - CA,  
 RCRA\_NONGEN] (**cont.**)

**Envirosite ID:** 1126116  
**EPA ID:** N/R

HAZNET - CA

Facility Name : WWF OPERATING CO.  
 Facility Address : 110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAC003006631  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : TEMPORARY  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 Latitude : 38.19197852  
 Longitude : -122.27569593  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

HWG - CA

Facility Name : WWF OPERATING CO.  
 Facility Address : 110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAC003006631  
 Status : Inactive  
 Category : STATE  
 Type : TEMPORARY  
 Facility Type : N/R  
 Mailing Address : 110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 Owner Name : WWF OPERATING CO.  
 Owner Address : 110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 Operator Name : CHRIS EUBANKS  
 Operator Address : 110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 Latitude : 38.191979  
 Longitude : -122.275696

RCRA\_NONGEN

Facility Name : WWF OPERATING CO.  
 Facility Address : 110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 County : NAPA

Date Form Received by Agency : 2019-03-21  
 EPA ID : CAC003006631  
 Mailing Address : 110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 Contact : CHRIS EUBANKS  
 Contact Address : 110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 Contact Country : N/R  
 Contact Telephone : 707-312-7306  
 Contact Email : CHRIS.EUBANKS@DANONE.COM  
 EPA Region : 09

Map Id: E27  
 Direction: N  
 Distance: 0.202 mi., 1069 ft.  
 Elevation: 27 ft.  
 Relative: Higher

**Site Name :** WWF OPERATING CO.  
 110 B MEZZETTA COURT  
 AMERICAN CANYON, CA 94503

**Database(s) :** [ECHO, FRS, HAZNET - CA, HWG - CA, RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 1126116  
 EPA ID: N/R

RCRA\_NONGEN **(cont.)**

Land Type :	Not Reported
Source Type :	Implementer
Classification :	Not a generator, verified
Description :	Not a generator, verified
Last Date in Agency List :	2022-04-27

Owner/Operator Summary

Owner/Operator Name :	CHRIS EUBANKS
Owner/Operator Address :	110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503
Owner/Operator Country :	N/R
Owner/Operator Telephone :	707-312-7306
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	WWF OPERATING CO.
Owner/Operator Address :	110 B MEZZETTA COURT, AMERICAN CANYON, CA 94503
Owner/Operator Country :	N/R
Owner/Operator Telephone :	707-553-1233
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	Y
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N
-----------------------	---

Map Id: D28  
 Direction: E  
 Distance: 0.203 mi., 1075 ft.  
 Elevation: 22 ft.  
 Relative: Higher

**Site Name :** CITY OF AMERICAN CANYON AQUATICS  
 100 BENTON WAY  
 AMERICAN CANYON, CA 94503  
**Database(s) :** [CALEPA SITES - CA, FRS]

**Envirosite ID:** 871748  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : CITY OF AMERICAN CANYON AQUATICS  
 Facility Address : 100 BENTON WAY, AMERICAN CANYON, 94503

Site ID : 19385  
 EI ID : 10170775  
 EI Description : Chemical Storage Facilities  
 Latitude : 38.172626  
 Longitude : -122.266548  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

FRS

Facility Name : CITY OF AMERICAN CANYON AQUATICS  
 Facility Address : 100 BENTON WAY, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Registry ID : 110059740053  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Source Description : The California Environmental Reporting System (CERS) is a statewide web-based user and information exchange system to support over 140,000 regulated businesses and over 130 local agencies in electronically collecting and reporting significant hazardous materials, hazardous waste and compliance and enforcement data as mandated by California law. Under oversight by Cal/EPA, certified local governing agencies (Unified Program Agencies - UPAs) consolidate, coordinate and provide consistent regulatory activities for six state and federal environmental programs.  
 The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

FRS Environmental Interest

Source and System ID : CA-CERS - 10170775  
 CA-ENVIROVIEW - 19385

Map Id: 29  
 Direction: ENE  
 Distance: 0.213 mi., 1124 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** BOB LINDSEY  
 40 MONTEREY DR  
 AMERICAN CANYON, CA 94503  
**Database(s) :** [HAZNET - CA, HWG - CA]

**EnviroSite ID:** 927117  
**EPA ID:** CAC002894520

HAZNET - CA

Facility Name : BOB LINDSEY  
 Facility Address : 40 MONTEREY DR, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAC002894520  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : TEMPORARY  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 40 MONTEREY DR, AMERICAN CANYON, CA 94503  
 Latitude : 38.17700020  
 Longitude : -122.26621561  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Waste Generator Details

State Waste : 2017: 151 - Asbestos containing waste, 3.45 tons to CAD982042475

HWG - CA

Facility Name : BOB LINDSEY  
 Facility Address : 40 MONTEREY DR, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAC002894520  
 Status : Inactive  
 Category : STATE  
 Type : TEMPORARY  
 Facility Type : N/R  
 Mailing Address : 40 MONTEREY DR, AMERICAN CANYON, CA 94503  
 Owner Name : BOB LINDSEY  
 Owner Address : 40 MONTEREY DR, AMERICAN CANYON, CA 94503  
 Operator Name : RICCI ARMIJO  
 Operator Address : 40 MONTEREY DR, AMERICAN CANYON, CA 94503  
 Latitude : -90.0  
 Longitude : 180.0

Map Id: E30  
 Direction: N  
 Distance: 0.215 mi., 1134 ft.  
 Elevation: 27 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA INC  
 105 MEZZETTA COURT  
 AMERICAN CANYON, CA 94589  
**Database(s) :** [EMI - CA, HAZNET - CA, HWG - CA]

**EnviroSite ID:** 797929  
**EPA ID:** N/R

EMI - CA

Facility Name : G L MEZZETTA INC  
 Facility Address : 105 MEZZETTA COURT, AMERICAN CANYON, 94589  
 County : Napa

Facility ID : 11102  
 Air Basin Code : San Francisco Bay Area  
 District : BAY AREA AQMD  
 County ID : NAP  
 SIC Code : 2033  
 CHAPIS : N/R  
 CERR Code : N/R  
 Last Date in Agency List : 2022-03-09

Additional Details

Year : 2018  
 Total Organic Gases (Tons/Year) : 2.674612382  
 Reactive Organic Gases (Tons/Year) : .95618309737  
 Carbon Monoxide (Tons/Year) : .501757958  
 Nitrogen Oxides (Tons/Year) : 2.879559297  
 Sulfur Oxides (Tons/Year) : .01605517  
 Particulate Matter (Tons/Year) : 1.240527867  
 Fine Particulate Matter (Tons/Year) : .893797947

HAZNET - CA

Facility Name : GL MEZZETTA INC  
 Facility Address : 105 MEZZETTA COURT, AMERICAN CANYON, CA 94589  
 County : NAPA

Site Details

Generator EPA ID : CAC002277241  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : TEMPORARY  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 105 MEZZETTA COURT, AMERICAN CANYON, CA 945890000  
 Latitude : 38.19213690  
 Longitude : -122.27580809  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Waste Generator Details

State Waste :  
 2000: 123 - Unspecified alkaline solution, 0.0041 tons to CAT080022148  
 2000: 791 - Liquids with pH <= 2, 0.0125 tons to CAT080022148  
 2000: 551 - Laboratory waste chemicals, 0.0529 tons to CAT080022148



Map Id: E30  
 Direction: N  
 Distance: 0.215 mi., 1134 ft.  
 Elevation: 27 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA INC  
 105 MEZZETTA COURT  
 AMERICAN CANYON, CA 94589

**Database(s) :** [EMI - CA, HAZNET - CA, HWG - CA]  
*(cont.)*

**Envirosite ID:** 797929  
**EPA ID:** N/R

HWG - CA

Facility Name :	GL MEZZETTA INC
Facility Address :	105 MEZZETTA COURT, AMERICAN CANYON, CA 94589
County :	NAPA
EPA ID :	CAC002277241
Status :	Inactive
Category :	STATE
Type :	TEMPORARY
Facility Type :	N/R
Mailing Address :	105 MEZZETTA COURT, AMERICAN CANYON, CA 945890000
Owner Name :	RON MEZZETTA
Owner Address :	105 MEZZETTA COURT, AMERICAN CANYON, CA 945890000
Operator Name :	WARREN STONE DIR OF OPRNS
Operator Address :	105 MEZZETTA COURT, AMERICAN CANYON, CA 945890000
Latitude :	38.192137
Longitude :	-122.275808

Map Id: 31  
 Direction: ENE  
 Distance: 0.233 mi., 1228 ft.  
 Elevation: 25 ft.  
 Relative: Higher

**Site Name :** PEARSON, CHARLES  
 242 LANDANA STREET  
 AMERICAN CANYON, CA 94503

**Database(s) :** [HAZNET - CA, HWG - CA]

**Envirosite ID:** 40998870  
**EPA ID:** CAC002942775

HAZNET - CA

Facility Name :	PEARSON, CHARLES
Facility Address :	242 LANDANA STREET, AMERICAN CANYON, CA 94503
County :	NAPA

Site Details

Generator EPA ID :	CAC002942775
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	TEMPORARY
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	242 LANDANA STREET, AMERICAN CANYON, CA 94503
Latitude :	38.17550208
Longitude :	-122.26546996
Agency Hyperlink :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2021-07-08

Map Id: 31  
 Direction: ENE  
 Distance: 0.233 mi., 1228 ft.  
 Elevation: 25 ft.  
 Relative: Higher

**Site Name :** PEARSON, CHARLES  
 242 LANDANA STREET  
 AMERICAN CANYON, CA 94503  
**Database(s) :** [HAZNET - CA, HWG - CA] **(cont.)**

**Envirosite ID:** 40998870  
**EPA ID:** CAC002942775

HAZNET - CA **(cont.)**

Waste Generator Details  
 State Waste : 2018: 151 - Asbestos containing waste, 0.46000 tons to CAD981382732

HWG - CA

Facility Name : PEARSON, CHARLES  
 Facility Address : 242 LANDANA STREET, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAC002942775  
 Status : Inactive  
 Category : STATE  
 Type : TEMPORARY  
 Facility Type : N/R  
 Mailing Address : 242 LANDANA STREET, AMERICAN CANYON, CA 94503  
 Owner Name : PEARSON, CHARLES  
 Owner Address : 242 LANDANA STREET, AMERICAN CANYON, CA 94503  
 Operator Name : PEARSON, CHARLES  
 Operator Address : 242 LANDANA STREET, AMERICAN CANYON, CA 94503  
 Latitude : 38.175502  
 Longitude : -122.26547

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER  
 WAREHOUSE | GL MEZZETTA PLANT  
 ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA  
 COURT | 105 MEZZETTA CT STE 100  
 AMERICAN CANYON | American Canyon,  
 CA  
**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 FRS, HAZNET - CA, HIST CHMIRS - CA,  
 HWG - CA, ICIS, INACTIVE PCS, NPDES -  
 CA, PCS FACILITY, RCRA\_NONGEN, RFR -  
 CA, STORMWATER]

**Envirosite ID:** 230614  
**EPA ID:** N/R

CALEPA SITES - CA

Facility Name : GL MEZZETTA  
 Facility Address : 105 MEZZETTA CT, AMERICAN CANYON, 94503

Site ID : 470102  
 EI ID : 227215  
 EI Description : Industrial Facility Storm Water  
 Latitude : 38.193870  
 Longitude : -122.275330  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

Envirosite ID: 230614  
 EPA ID: N/R

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

CALEPA SITES - CA **(cont.)**

Facility Name : G. L. MEZZETTA, INC.  
 Facility Address : 105 MEZZETTA CT, AMERICAN CANYON, 94503

Site ID : 393627  
 EI ID : 10171109  
 EI Description : Chemical Storage Facilities  
 Latitude : 38.192780  
 Longitude : -122.276970  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Site ID : 393627  
 EI ID : 10171109  
 EI Description : Hazardous Waste Generator  
 Latitude : 38.192780  
 Longitude : -122.276970  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

CIWQS - CA

Facility Name : GL MEZZETTA  
 Facility Address : 105 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S227215  
 Agency Name : GL MEZZETTA INC  
 Last Date in Agency List : 2022-03-22

Facility Name : GL MEZZETTA PLANT ADDITION  
 Facility Address : 105 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S228849  
 Agency Name : GL MEZZETTA INC  
 Last Date in Agency List : 2022-03-22

ECHO

Facility Name : GL MEZZETTA  
 Facility Address : 105 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

Envirosite ID: 230614  
 EPA ID: N/R

ECHO **(cont.)**

Last Inspection Date :	N/R
Registry ID :	110070087461
FIPS Code :	06055
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation Identified
Three-Year Compliance Status :	
Collection Method :	THE GEOGRAPHIC COORDINATE DETERMINATION METHOD BASED ON ADDRESS MATCHING
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	153
Derived Tribes :	Lytton Rancheria of California - 16.8 mile(s)
Derived HUC :	18050002
Derived WBD :	180500020401
Derived STCTY FIPS :	06055
Derived Zip :	94503
Derived CD113 :	05
Derived CB2010 :	060552010051065
MYRTK Universe :	NNN
NPDES IDs :	CAZ182447
CWA Permit Types :	Minor
CWA Compliance Tracking :	On
CWA NAICS :	N/R
CWA SICs :	2035
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	0
CWA Current Compliance Status :	No Violation Identified
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	
CWA 13 Quarters Effluent Exceedances:	N/R

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

Envirosite ID: 230614  
 EPA ID: N/R

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100  
 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

ECHO (cont.)

CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	2035
Facility NAICS :	311421 - Fruit and Vegetable Canning
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	Y
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	Y
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	Y
Latitude :	38.19278
Longitude :	-122.27697
Last Date in Agency List :	2022-03-29

FRS

Facility Name :	GL MEZZETTA
Facility Address :	105 MEZZETTA CT, AMERICAN CANYON, CA 94503
County :	NAPA

Site Details

Registry ID :	110070087461
FRS Facility URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2022-05-11



Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

EnviroSite ID: 230614  
 EPA ID: N/R

FRS (cont.)

Source Description

Source Description :

The California Environmental Reporting System (CERS) is a statewide web-based user and information exchange system to support over 140,000 regulated businesses and over 130 local agencies in electronically collecting and reporting significant hazardous materials, hazardous waste and compliance and enforcement data as mandated by California law. Under oversight by Cal/EPA, certified local governing agencies (Unified Program Agencies - UPAs) consolidate, coordinate and provide consistent regulatory activities for six state and federal environmental programs.

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

Source Description :

The Emission Inventory System (EIS) maintains an inventory of large stationary sources and voluntarily-reported smaller sources of air point pollution emitters. It contains information about facility sites and their physical location, emission units, emission processes, release points, control approaches, and regulations. Facility inventory data are kept separate from the emissions data and have stable identifiers to improve continuity from year to year and to help identify duplicate or missing facilities.

The 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.  
 OSHA-OIS

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

EnviroSite ID: 230614  
 EPA ID: N/R

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

FRS (cont.)

FRS Environmental Interest  
 Source and System ID :

CA-CERS - 10171109  
 CA-ENVIROVIEW - 118591  
 EIS - 1354811  
 ICIS - CAZ182447  
 OSHA-OIS - 341513653  
 OSHA-OIS - 341688752  
 RCRAINFO - CAL000145477

Facility Name :  
 Facility Address :  
 County :

G L MEZZETTA INC  
 105 MEZZETTA COURT, AMERICAN CANYON, CA 94503-9604  
 NAPA

Site Details

Registry ID :  
 FRS Facility URL :  
 Last Date in Agency List :

110013828527  
[Click here for hyperlink provided by the agency.](#)  
 2018-07-05

Source Description

Source Description :

The California Environmental Reporting System (CERS) is a statewide web-based user and information exchange system to support over 140,000 regulated businesses and over 130 local agencies in electronically collecting and reporting significant hazardous materials, hazardous waste and compliance and enforcement data as mandated by California law. Under oversight by Cal/EPA, certified local governing agencies (Unified Program Agencies - UPAs) consolidate, coordinate and provide consistent regulatory activities for six state and federal environmental programs.

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

Source Description :

The Emission Inventory System (EIS) maintains an inventory of large stationary sources and voluntarily-reported smaller sources of air point pollution emitters. It contains information about facility sites and their physical location, emission units, emission processes, release points, control approaches, and regulations. Facility inventory data are kept separate from the emissions data and have stable identifiers to improve continuity from year to year and to help identify duplicate or missing facilities.

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

Envirosite ID: 230614  
 EPA ID: N/R

FRS (cont.)

FRS Environmental Interest  
 Source and System ID :

CA-CERS - 10171109  
 CA-ENVIROVIEW - 118591  
 EIS - 1354811

Facility Name :  
 Facility Address :  
 County :

G. L. MEZZETTA, INC.  
 105 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 NAPA

Site Details

Registry ID :  
 FRS Facility URL :  
 Last Date in Agency List :

110055854204  
[Click here for hyperlink provided by the agency.](#)  
 2014-03-25

Source Description

Source Description :

The California Environmental Reporting System (CERS) is a statewide web-based user and information exchange system to support over 140,000 regulated businesses and over 130 local agencies in electronically collecting and reporting significant hazardous materials, hazardous waste and compliance and enforcement data as mandated by California law. Under oversight by Cal/EPA, certified local governing agencies (Unified Program Agencies - UPAs) consolidate, coordinate and provide consistent regulatory activities for six state and federal environmental programs.

FRS Environmental Interest  
 Source and System ID :

CA-CERS - 10171109

HAZNET - CA

Facility Name :  
 Facility Address :  
 County :

CRYSTAL GEYSER WAREHOUSE  
 105 MEZZETTA CT STE 100, AMERICAN CANYON, CA 94503  
 NAPA

Site Details

Generator EPA ID :  
 Active :  
 Category :  
 Facility Types :

CAL000314089  
 Inactive  
 STATE  
 N/R

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

Envirosite ID: 230614  
 EPA ID: N/R

HAZNET - CA **(cont.)**

Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 501 WASHINGTON ST, CALISTOGA, CA 94515  
 Latitude : 38.19213690  
 Longitude : -122.27580809  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Waste Generator Details  
 State Waste :

2008: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.), 0.05 tons to NVD980895338  
 2006: 221 - Waste oil and mixed oil, 0.133 tons to NVD980895338  
 2006: 343 - Unspecified organic liquid mixture, 0.15 tons to NVD980895338  
 2006: 331 - Off-specification, aged or surplus organics, 0.0495 tons to NVD980895338

Facility Name : GL MEZZETTA INC  
 Facility Address : 105 MEZZETTA CT, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAL000145477  
 Active : Active  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 105 MEZZETTA COURT, AMERICAN CANYON, CA 945039604  
 Latitude : 38.19213690  
 Longitude : -122.27580809  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Waste Generator Details  
 State Waste :

2017: 512 - Other empty containers 30 gallons or more, 0.075 tons to CAD059494310  
 2017: 222 - Oil/water separation sludge, 0.834 tons to CAD980887418  
 2016: 352 - Other organic solids, 0.05 tons to CAD059494310

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

Envirosite ID: 230614  
 EPA ID: N/R

HAZNET - CA **(cont.)**

2015: 222 - Oil/water separation sludge, 0.6255 tons to CAD980887418  
 2012: 214 - Unspecified solvent mixture, 0.22 tons to CAD980887418  
 2012: 331 - Off-specification, aged or surplus organics, 0.03 tons to CAD059494310  
 2011: 331 - Off-specification, aged or surplus organics, 0.03 tons to CAD059494310

HIST CHMIRS - CA

Facility Address : 105 Mezzetta Court, American Canyon, 94503  
 County : Napa County

Notified Date : 2008-06-09 14:37:00  
 Control Number : 08-4111  
 Substance 1 : Unspecified  
 Quantity 1 : Unknown  
 Measure 1 : Gal(s)  
 Type 1 : UNSPECIFIED  
 Pipeline 1 : N/R  
 Vessel 1 (300 Tons) : N/R  
 Substance 2 : N/R  
 Quantity 2 : N/R  
 Measure 2 : N/R  
 Type 2 : N/R  
 Pipeline 2 : N/R  
 Vessel 2 (300 Tons) : N/R  
 Substance 3 : N/R  
 Quantity 3 : N/R  
 Measure 3 : N/R  
 Type 3 : N/R  
 Pipeline 3 : N/R  
 Vessel 3 (300 Tons) : N/R

Description :

A breach in a secondary treatment pond is possibly the cause of this release, caller states the exact cause is still under investigation. Caller estimates a possible release of over 1000 gallons over an extended period of time. Caller states it looks like grey bio-waste. The source seems to originate in the incorporated area of the City of American Canyon, flowing into the Unincorporated area of Napa County. Caller states that as of today the release is secured.

Contained : Yes  
 Water? : Yes  
 Water Way : Creek - The Green Island Vineyard Creek  
 Incident Date : 2008-06-06  
 Time : 1500  
 Spill Site : Industrial Plant,Other



Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

Envirosite ID: 230614  
 EPA ID: N/R

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

HIST CHMIRS - CA **(cont.)**

Site :	Creek - The Green Island Vineyard Creek
Cause :	N/R
Other Causes :	N/R
Injuries (Y/N) :	N/R
Injuries Number :	0
Fatal (Y/N) :	N/R
Fatal Number :	0
Evacs (Y/N) :	N/R
Evacs Number :	0
Cleanup :	Responsible Party
Admin Agency :	N/R

HWG - CA

Facility Name :	CRYSTAL GEYSER WAREHOUSE
Facility Address :	105 MEZZETTA CT STE 100, AMERICAN CANYON, CA 94503
County :	NAPA
EPA ID :	CAL000314089
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	501 WASHINGTON ST, CALISTOGA, CA 94515
Owner Name :	CRYSTAL GEYSER WATER COMPANY
Owner Address :	501 WASHINGTON ST, CALISTOGA, CA 94515
Operator Name :	ERNESTO OLIVERAS
Operator Address :	105 MEZZETTA CT STE 100, AMERICAN CANYON, CA 945039604
Latitude :	38.193861
Longitude :	-122.275327

Facility Name :	GL MEZZETTA INC
Facility Address :	105 MEZZETTA CT, AMERICAN CANYON, CA 94503
County :	NAPA

EPA ID :	CAL000145477
Status :	Active
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	105 MEZZETTA COURT, AMERICAN CANYON, CA 945039604
Owner Name :	GL MEZZETTA INC
Owner Address :	105 MEZZETTA CT, AMERICAN CANYON, CA 945039604
Operator Name :	HAROLD YEE
Operator Address :	105 MEZZETTA COURT, AMERICAN CANYON, CA 94503

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

Envirosite ID: 230614  
 EPA ID: N/R

HWG - CA **(cont.)**

Latitude : 38.193861  
 Longitude : -122.275327

ICIS

Facility Name : GL MEZZETTA  
 Facility Address : 105 MEZZETTA CT, AMERICAN CANYON, CA 94503

Site Details

NPDES ID : CAZ182447  
 ICIS Facility Interest ID : 3600722559  
 Facility UIN : 110070087461  
 Facility Type Code : Privately Owned Facility  
 Impaired Waters : 303(D) Listed  
 Latitude : 38.19387  
 Longitude : -122.27533  
 Last Date in Agency List : 2022-05-02

Facility SIC

SIC Code : 2035  
 SIC Description : Pickles, Sauces, And Salad Dressings

INACTIVE PCS

Issue Date : 2015-07-01  
 Original Issue Date : 2015-07-01  
 Effective Date : 2015-07-01  
 Expiration Date : 2020-06-30  
 Retirement Date : N/R  
 Termination Date : N/R  
 Issuing Agency : CA Waterboards  
 Agency Type : State  
 Activity ID : 3601101909  
 External Permit Number : CAZ182447  
 Facility Type Indicator : NON-POTW  
 Permit Type : General Permit Covered Facility-NPDES)  
 Major Minor Status : N  
 Permit Status : Expired  
 Total Design Flow Number : N/R  
 Actual Average Flow Number : N/R  
 State Water Body : N/R  
 State Water Body Name : N/R  
 Permit Name : GL Mezzeta Inc  
 Permit Comp Status : Y

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

Envirosite ID: 230614  
 EPA ID: N/R

INACTIVE PCS **(cont.)**

RNC Tracking : Y  
 Master External Permit Number : CAS000001  
 TMDL Interface : N/R  
 EDMR Authorization : N  
 Pretreatment Indicator : N/R  
 Last Date in Agency List : 2022-01-14

NPDES - CA

Facility Name : GL Mezzetta  
 Facility Address : 105 Mezzetta Ct, American Canyon, 94503  
 County : Napa

Effective Date : 1998-01-28  
 Adoption Date : N/R  
 Expiration Date : N/R  
 Termination Date : N/R  
 Order Number : 97-03-DWQ  
 NPDES Number : CAS000001  
 WDID : 2 28I013731  
 RM Status : Active  
 Reg Meas ID : 182447  
 Reg Meas Type : Enrollee  
 Program : Industrial  
 Facility Place ID : N/R  
 Region Code : 2  
 Discharger ID : 0  
 Discharger : GL Mezzetta Inc  
 Discharger Address : 105 Mezzetta Ct, American Canyon, California 94503  
 Last Date in Agency List : 2022-05-17

PCS FACILITY

Issue Date : 2015-07-01  
 Original Issue Date : 2015-07-01  
 Effective Date : 2015-07-01  
 Expiration Date : 2020-06-30  
 Retirement Date : N/R  
 Termination Date : N/R  
 Issuing Agency : CA Waterboards  
 Agency Type : State  
 Activity ID : 3601101909  
 External Permit Number : CAZ182447  
 Facility Type Indicator : NON-POTW  
 Permit Type : General Permit Covered Facility-NPDES)  
 Major Minor Status : N  
 Permit Status : Effective

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

Envirosite ID: 230614  
 EPA ID: N/R

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

PCS FACILITY **(cont.)**

Total Design Flow Number : N/R  
 Actual Average Flow Number : N/R  
 State Water Body : N/R  
 State Water Body Name : N/R  
 Permit Name : GL Mezzeta Inc  
 Permit Comp Status : Y  
 RNC Tracking : Y  
 Master External Permit Number : CAS000001  
 TMDL Interface : N/R  
 EDMR Authorization : N  
 Pretreatment Indicator : N/R  
 Last Date in Agency List : 2020-02-11

RCRA\_NONGEN

Facility Name : GL MEZZETTA INC  
 Facility Address : 105 MEZZETTA CT, AMERICAN CANYON, CA 94503-9604  
 County : NAPA

Date Form Received by Agency : 1997-05-05  
 EPA ID : CAL000145477  
 Mailing Address : 105 MEZZETTA CT, AMERICAN CANYON, CA 94503-9604  
 Contact : HAROLD YEE  
 Contact Address : 105 MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 Contact Country : N/R  
 Contact Telephone : 707-648-1050  
 Contact Email : HYEE@MEZZETTA.COM  
 EPA Region : 09  
 Land Type : Not Reported  
 Source Type : Implementer  
 Classification : Not a generator, verified  
 Description : Not a generator, verified  
 Last Date in Agency List : 2022-04-27

Owner/Operator Summary

Owner/Operator Name : GL MEZZETTA INC  
 Owner/Operator Address : 105 MEZZETTA CT, AMERICAN CANYON, CA 94503-9604  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 707-648-1050  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Owner  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100  
 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

Envirosite ID: 230614  
 EPA ID: N/R

RCRA\_NONGEN **(cont.)**

Owner/Operator Name : HAROLD YEE  
 Owner/Operator Address : 105 MEZZETTA COURT, AMERICAN CANYON, CA 94503  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 707-648-1050  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Operator  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste : N  
 Mixed Waste (Haz. and Radioactive) : N  
 Recycler of Hazardous Waste : N  
 Transporter of Hazardous Waste : N  
 Treater, Storer or Disposer of HW : N  
 Underground Injection Activity : N  
 On-site Burner Exemption : N  
 Furnace Exemption : N  
 Used Oil Fuel Burner : N  
 Used Oil Processor : N  
 Used Oil Refiner : N  
 Used Oil Fuel Marketer to Burner : N  
 Used Oil Specification Marketer : N  
 Used Oil Transfer Facility : N  
 Used Oil Transporter : N

Notices of Violations Summary

Regulation Violated : N

RFR - CA

Facility Name : GL Mezzetta  
 Facility Address : 105 Mezzetta Ct, American Canyon, CA 94503  
 County : Napa

Effective Date : 1998-01-28  
 Adoption Date : N/R  
 Termination Date : N/R  
 Expiration/Review Date : N/R  
 NPDES Number : CAS000001  
 Order Number : 2014-0057-DWQ



Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

Envirosite ID: 230614  
 EPA ID: N/R

RFR - CA **(cont.)**

WDID :	2 28I013731
SIC/NAICS :	2035
Program :	INDSTW
Regulatory Measure Status :	Active
Regulatory Measure Type :	Storm water industrial
Place/Project Type :	Industrial - Pickled Fruits and Vegetables, Vegetable Sauces and Seasonings, and Salad Dressings
Region :	2
Design Flow :	N/R
Major/Minor :	N/R
Complexity :	N/R
TTWQ :	N/R
Number of Enforcement Actions within Five Years:	N/R
Number of Violations within Five Years:	N/R
Agency :	GL Mezzeta Inc
Agency Address :	105 Mezzetta Ct, American Canyon, CA 94503
Latitude :	38.19387
Longitude :	-122.27533
Last Date in Agency List :	2022-03-07

STORMWATER

Facility Name :	GL MEZZETTA
Facility Address :	105 MEZZETTA CT, AMERICAN CANYON, CA 94503
NPDES ID :	CAZ182447
Permittee Name :	GL Mezzeta Inc
Permit Status :	Expired
Permit Issuing Name :	State
Issued Date :	2015-07-01
Effective Date :	2015-07-01
Termination Date :	N/R
Expiration Date :	2020-06-30
EPA Region :	09
SIC Code :	2035
NAICS Code :	N/R
EJ Indexes Above 80th Percentile :	1
Significant Noncompliance Status :	N/R
Quarters with Noncompliance :	0
Industrial Stormwater Formal Enforcement Actions:	N/R
Facility Map Flag :	Y
DRF URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Latitude :	38.19278

Map Id: E32  
 Direction: N  
 Distance: 0.234 mi., 1235 ft.  
 Elevation: 26 ft.  
 Relative: Higher

**Site Name :** GL MEZZETTA | CRYSTAL GEYSER WAREHOUSE | GL MEZZETTA PLANT ADDITION  
 105 MEZZETTA CT | 105 MEZZETTA COURT | 105 MEZZETTA CT STE 100 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 230614  
**EPA ID:** N/R

STORMWATER **(cont.)**

Longitude : -122.27697  
 Last Date in Agency List : 2022-03-21

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER]

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

CALEPA SITES - CA

Facility Name : BARRY CALLEBAUT  
 Facility Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, 94503

Site ID : 579239  
 EI ID : 873391  
 EI Description : Industrial Facility Storm Water  
 Latitude : 38.190200  
 Longitude : -122.272110  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Facility Name : BARRY CALLEBAUT USA, LLC  
 Facility Address : 1175 COMMERCE BLVD D, AMERICAN CANYON, 94503

Site ID : 97409  
 EI ID : 10170427  
 EI Description : Hazardous Waste Generator

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

CALEPA SITES - CA **(cont.)**

Latitude : 38.190170  
 Longitude : -122.272640  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Site ID : 97409  
 EI ID : 10170427  
 EI Description : Chemical Storage Facilities  
 Latitude : 38.190170  
 Longitude : -122.272640  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

CIWQS - CA

Facility Name : BARRY CALLEBAUT  
 Facility Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S873391  
 Agency Name : BARRY CALLEBAUT  
 Last Date in Agency List : 2022-03-22

Facility Name : BARRY CALLEBAUT AMERICAN CANYON  
 Facility Address : 1175 COMMERCE BLVD, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S853905  
 Agency Name : BARRY CALLEBAUT USA LLC  
 Last Date in Agency List : 2022-03-22

Facility Name : COMMERCE BLVD 201  
 Facility Address : 1175 COMMERCE BLVD, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S218125  
 Agency Name : SDG COMMERCE 201 LLC  
 Last Date in Agency List : 2022-03-22

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

ECHO

Facility Name : BARRY CALLEBAUT  
 Facility Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 County : N/R

Last Inspection Date : 2019-06-07  
 Registry ID : N/R  
 FIPS Code : N/R  
 EPA Region : 09  
 Inspection Count : 1  
 Last Inspection Days : 247  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : 0  
 Programs IN SNC : 0  
 Current Compliance Status : No Violation Identified  
 Three-Year Compliance Status : \_\_\_\_\_  
 Collection Method : N/R  
 Reference Point : N/R  
 Accuracy Meters : N/R  
 Derived Tribes : N/R  
 Derived HUC : N/R  
 Derived WBD : N/R  
 Derived STCTY FIPS : N/R  
 Derived Zip : N/R  
 Derived CD113 : N/R  
 Derived CB2010 : N/R  
 MYRTK Universe : NNN  
 NPDES IDs : CAZ509762  
 CWA Permit Types : Minor  
 CWA Compliance Tracking : On  
 CWA NAICS : N/R  
 CWA SICS : 2066  
 CWA Inspection Count : 1  
 CWA Last Inspection Days : 247  
 CWA Informal Count : N/R  
 CWA Formal Action Count : N/R  
 CWA Last Formal Action Date : N/R  
 CWA Penalties : N/R  
 CWA Last Penalty Date : N/R

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

ECHO (cont.)

CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	0
CWA Current Compliance Status :	No Violation Identified
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	2066
Facility NAICS :	N/R
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	2019-06-07
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	Y
SDWIS Flag :	N
RCRA Flag :	N
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	38.1902
Longitude :	-122.27211
Last Date in Agency List :	2020-02-10

Facility Name :	BARRY CALLEBAUT USA LLC
Facility Address :	1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503
County :	NAPA

Last Inspection Date :	N/R
Registry ID :	N/R
FIPS Code :	N/R



Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT  
 USA, LLC | GOLDEN STATE VINTNERS  
 CORPORATION  
 1175 COMMERCE BLVD STE D | 1175  
 COMMERCE BLVD | 1175 COMMERCE  
 BLVD D  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 FRS, HAZNET - CA, HIST CHMIRS - CA,  
 HWG - CA, ICIS, INACTIVE PCS, MANIFEST  
 EPA, NPDES - CA, PCS ENF, PCS FACILITY,  
 RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

ECHO (cont.)

EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation Identified
Three-Year Compliance Status :	
Collection Method :	Zip Code Centroid
Reference Point :	N/R
Accuracy Meters :	10000
Derived Tribes :	N/R
Derived HUC :	N/R
Derived WBD :	N/R
Derived STCTY FIPS :	N/R
Derived Zip :	N/R
Derived CD113 :	N/R
Derived CB2010 :	N/R
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICs :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

ECHO (cont.)

Facility SIC :	N/R
Facility NAICS :	N/R
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	N/R
NAA Flag :	N
Latitude :	38.175095
Longitude :	-122.252743
Last Date in Agency List :	2021-10-15

Facility Name :	BARRY CALLEBAUT USANA LLC
Facility Address :	1175 COMMERCE BLVD D, AMERICAN CANYON, CA 94503
County :	NAPA

Last Inspection Date :	2019-06-07
Registry ID :	110066221494
FIPS Code :	06055
EPA Region :	09
Inspection Count :	1
Last Inspection Days :	1017
Informal Count :	1
Last Informal Action Date :	2020-07-21
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

ECHO (cont.)

Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	7
Programs IN SNC :	0
Current Compliance Status :	Violation Identified
Three-Year Compliance Status :	____VVVVVV
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	Lytton Rancheria of California - 16.7 mile(s)
Derived HUC :	18050002
Derived WBD :	180500020401
Derived STCTY FIPS :	06055
Derived Zip :	94503
Derived CD113 :	05
Derived CB2010 :	060552010051081
MYRTK Universe :	NNN
NPDES IDs :	CAZ509762
CWA Permit Types :	Minor
CWA Compliance Tracking :	On
CWA NAICS :	N/R
CWA SICS :	2066
CWA Inspection Count :	1
CWA Last Inspection Days :	1016
CWA Informal Count :	1
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	7
CWA Current Compliance Status :	Violation Identified
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	____VVVVVV
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	2066
Facility NAICS :	N/R
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	2019-06-07
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	2020-07-21

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

ECHO **(cont.)**

Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	Y
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	Y
Latitude :	38.19017
Longitude :	-122.27264
Last Date in Agency List :	2022-03-29

FRS

Facility Name :	BARRY CALLEBAUT USA LLC
Facility Address :	1175 COMMERCE BLVD, #D, AMERICAN CANYON, CA 94503
County :	N/R

Site Details

Registry ID :	110070309504
FRS Facility URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2019-08-12

Source Description

Source Description :	N/R
----------------------	-----

FRS Environmental Interest

Source and System ID :	N/R - N/R
------------------------	-----------

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

**FRS (cont.)**

Facility Name : BARRY CALLEBAUT USANA LLC  
 Facility Address : 1175 COMMERCE BLVD D, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Registry ID : 110066221494  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Source Description : The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).  
 The 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.  
 OSHA-OIS

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest

Source and System ID : CA-ENVIROVIEW - 97409  
 ICIS - CAZ509762  
 OSHA-OIS - 315831420



Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

FRS (cont.)

OSHA-OIS - 342782323  
 RCRAINFO - CAL000350300

HAZNET - CA

Facility Name : BARRY CALLEBAUT  
 Facility Address : 1175 COMMERCE BLVD, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAC002596435  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : TEMPORARY  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 945039626  
 Latitude : 38.19125160  
 Longitude : -122.27160849  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Facility Name : BARRY CALLEBAUT  
 Facility Address : 1175 COMMERCE BLVD STE C-7, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAL000308891  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 945039626  
 Latitude : 38.19125160  
 Longitude : -122.27160849  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

HAZNET - CA **(cont.)**

Waste Generator Details  
 State Waste :

2014: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.), 0.25 tons to UTD981552177  
 2011: 121 - Alkaline solution (pH >= 12.5) with metals, 0.96 tons to NVT330010000  
 2011: 343 - Unspecified organic liquid mixture, 0.2 tons to CAT000613893  
 2011: 214 - Unspecified solvent mixture, 1 tons to TXD077603371

Facility Name :  
 Facility Address :  
 County :

BARRY CALLEBAUT USA LLC  
 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 NAPA

Site Details

Generator EPA ID :  
 Active :  
 Category :  
 Facility Types :  
 Type :  
 Contact Name :  
 Contact Phone :  
 Facility Mailing Address :  
 Latitude :  
 Longitude :  
 Agency Hyperlink :  
 Last Date in Agency List :

CAL000350300  
 Inactive  
 STATE  
 N/R  
 PERMANENT  
 N/R  
 N/R  
 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 945039626  
 38.19056400  
 -122.27208750  
[Click here for hyperlink provided by the agency.](#)  
 2021-07-08

Waste Generator Details  
 State Waste :

2017: 352 - Other organic solids, 0.15 tons to CAD059494310  
 2016: 214 - Unspecified solvent mixture, 0.05 tons to CAD059494310  
 2016: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.), 0.15 tons to UTD981552177  
 2015: 214 - Unspecified solvent mixture, 0.5 tons to CAD059494310

Facility Name :  
 Facility Address :  
 County :

GOLDEN STATE VINTNERS  
 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 NAPA

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

HAZNET - CA **(cont.)**

Site Details

Generator EPA ID :	CAL000289026
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	PO BOX 39, CUTLER, CA 936150000
Latitude :	38.19125160
Longitude :	-122.27160849
Agency Hyperlink :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2021-07-08

Facility Name :	GOLDEN STATE VINTNERS CORPORATION
Facility Address :	1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503
County :	NAPA

Site Details

Generator EPA ID :	CAL000255389
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503
Latitude :	38.19125160
Longitude :	-122.27160849
Agency Hyperlink :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2021-07-08

HIST CHMIRS - CA

Facility Address :	1175 Commerce Blvd, American Canyon
County :	Napa County

Notified Date :	2001-12-28 10:50:35
Control Number :	01-7489
Substance 1 :	sewage;;;
Quantity 1 :	1240
Measure 1 :	N/R

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

EnviroSite ID: 726077  
 EPA ID: CAC002596435

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT  
 USA, LLC | GOLDEN STATE VINTNERS  
 CORPORATION  
 1175 COMMERCE BLVD STE D | 1175  
 COMMERCE BLVD | 1175 COMMERCE  
 BLVD D  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 FRS, HAZNET - CA, HIST CHMIRS - CA,  
 HWG - CA, ICIS, INACTIVE PCS, MANIFEST  
 EPA, NPDES - CA, PCS ENF, PCS FACILITY,  
 RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

HIST CHMIRS - CA (cont.)

Type 1 :	N/R
Pipeline 1 :	N/R
Vessel 1 (300 Tons) :	N/R
Substance 2 :	N/R
Quantity 2 :	N/R
Measure 2 :	N/R
Type 2 :	N/R
Pipeline 2 :	N/R
Vessel 2 (300 Tons) :	N/R
Substance 3 :	N/R
Quantity 3 :	N/R
Measure 3 :	N/R
Type 3 :	N/R
Pipeline 3 :	N/R
Vessel 3 (300 Tons) :	N/R
Description :	Per caller, during an excavation project a sewer main was broken.
Contained :	Yes
Water? :	No
Water Way :	N/R
Incident Date :	2001-12-27
Time :	N/R
Spill Site :	Road
Site :	N/R
Cause :	N/R
Other Causes :	N/R
Injuries (Y/N) :	N/R
Injuries Number :	0
Fatal (Y/N) :	N/R
Fatal Number :	0
Evacs (Y/N) :	N/R
Evacs Number :	0
Cleanup :	Responsible Party
Admin Agency :	Napa County Dept. Environmental Mgmt

HWG - CA

Facility Name :	BARRY CALLEBAUT
Facility Address :	1175 COMMERCE BLVD, AMERICAN CANYON, CA 94503
County :	NAPA
EPA ID :	CAC002596435
Status :	Inactive
Category :	STATE
Type :	TEMPORARY
Facility Type :	N/R

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

HWG - CA (cont.)

Mailing Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 945039626  
 Owner Name : BARRY CALLEBAUT  
 Owner Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 945039626  
 Operator Name : OSCAR CAMACHO  
 Operator Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 945039626  
 Latitude : 38.192902  
 Longitude : -122.272417

Facility Name : BARRY CALLEBAUT  
 Facility Address : 1175 COMMERCE BLVD STE C-7, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAL000308891  
 Status : Inactive  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 945039626  
 Owner Name : BARRY CALLEBAUT  
 Owner Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 945039626  
 Operator Name : BARRY HUMPHRIES  
 Operator Address : 1175 COMMERCE BLVD SUITE C, AMERICAN CANYON, CA 94503  
 Latitude : 38.191315  
 Longitude : -122.271607

Facility Name : BARRY CALLEBAUT USA LLC  
 Facility Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAL000350300  
 Status : Active  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 945039626  
 Owner Name : BARRY CALLEBAUT USA HOLDING INC  
 Owner Address : 600 W CHICAGO AVE STE 860, CHICAGO, IL 606542822  
 Operator Name : MIGUEL ORTEGA  
 Operator Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 Latitude : 38.191315  
 Longitude : -122.271607



Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

EnviroSite ID: 726077  
 EPA ID: CAC002596435

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

HWG - CA (cont.)

Facility Name : GOLDEN STATE VINTNERS  
 Facility Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAL000289026  
 Status : Inactive  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : PO BOX 39, CUTLER, CA 936150000  
 Owner Name : THE WINE GROUP LLC  
 Owner Address : 4596 S TRACY BLVD, TRACY, CA 95377  
 Operator Name : MIKE BLOM  
 Operator Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 Latitude : 38.192902  
 Longitude : -122.272417

Facility Name : GOLDEN STATE VINTNERS CORPORATION  
 Facility Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAL000255389  
 Status : Inactive  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 Owner Name : GOLDEN STATE VINTNERS CORPORATION  
 Owner Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 Operator Name : JON POWELL/ROBERT WALLACE BOTTLING  
 Operator Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 Latitude : 38.192902  
 Longitude : -122.272417

ICIS

Facility Name : BARRY CALLEBAUT  
 Facility Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

ICIS **(cont.)**

Site Details

NPDES ID : CAW509762  
 ICIS Facility Interest ID : 3601087247  
 Facility UIN : 110066221494  
 Facility Type Code : N/R  
 Impaired Waters : N/R  
 Latitude : 38.19017  
 Longitude : -122.27264  
 Last Date in Agency List : 2019-12-01

NPDES ID : CAZ509762  
 ICIS Facility Interest ID : 3601165766  
 Facility UIN : 110066221494  
 Facility Type Code : Privately Owned Facility  
 Impaired Waters : N/R  
 Latitude : 38.1902  
 Longitude : -122.27211  
 Last Date in Agency List : 2022-05-02

Facility SIC

SIC Code : 2066  
 SIC Description : Chocolate And Cocoa Products

INACTIVE PCS

Issue Date : 2020-02-05  
 Original Issue Date : 2020-02-05  
 Effective Date : 2020-02-05  
 Expiration Date : 2020-06-30  
 Retirement Date : N/R  
 Termination Date : N/R  
 Issuing Agency : CA Waterboards  
 Agency Type : State  
 Activity ID : 3602106040  
 External Permit Number : CAZ509762  
 Facility Type Indicator : NON-POTW  
 Permit Type : General Permit Covered Facility-NPDES)  
 Major Minor Status : N  
 Permit Status : Expired  
 Total Design Flow Number : N/R  
 Actual Average Flow Number : N/R  
 State Water Body : N/R  
 State Water Body Name : N/R

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

INACTIVE PCS **(cont.)**

Permit Name :	Barry Callebaut
Permit Comp Status :	Y
RNC Tracking :	Y
Master External Permit Number :	CAS000001
TMDL Interface :	N/R
EDMR Authorization :	N
Pretreatment Indicator :	N/R
Last Date in Agency List :	2022-01-14

MANIFEST EPA

Manifest Details

Manifest Number :	008024139SKS
Shipped Date :	2021-07-26
Updated Date :	2021-09-26
Received Date :	2021-09-03
Status :	Signed
Generator ID :	CAL000350300
Generator Name :	Barry Callebaut
Generator Address :	1175 Commerce Blvd Ste D, AMERICAN CANYON, CA 94503
Generator Mailing :	1175 Commerce Blvd Ste D, American Canyon, CA 94503
Generator Contact :	Barry Callebaut
Destination ID :	CAD059494310
Destination Name :	Clean Harbors San Jose LLC
Destination Mailing :	1021 Berryessa Road, San Jose, CA 95133
Destination Address :	1021 Berryessa Road, San Jose, CA 95133
Destination Contact :	N/R
Submission Type :	DataImage5Copy
Origin Type :	Service
Manifest Residue :	N
Rejection :	N
Last Date in Agency List :	2022-03-20

Waste Details

Waste Line Number :	1
Is DOT Hazardous :	N
DOT ID Number :	N/R
DOT Information :	N/R
Non Waste Description :	NONE, NONE, NON RCRA HAZARDOUS WASTE LIQUIDS , ), N/ (OIL W/ LESS THAN 10% WATER), N/A, NONE
Quantity :	2000 Pounds
Quantity Tons, Acute, Non-Acute :	1, 0, 1

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT  
 USA, LLC | GOLDEN STATE VINTNERS  
 CORPORATION  
 1175 COMMERCE BLVD STE D | 1175  
 COMMERCE BLVD | 1175 COMMERCE  
 BLVD D  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 FRS, HAZNET - CA, HIST CHMIRS - CA,  
 HWG - CA, ICIS, INACTIVE PCS, MANIFEST  
 EPA, NPDES - CA, PCS ENF, PCS FACILITY,  
 RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

MANIFEST EPA **(cont.)**

Quantity Kg, Acute, Non-Acute : 0, 907.03  
 Management Method : H141 - STORAGE, BULKING AND/OR TRANSFER OFF SITE  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 221

Manifest Details

Manifest Number : 008024140SKS  
 Shipped Date : 2021-07-26  
 Updated Date : 2021-09-21  
 Received Date : 2021-08-25  
 Status : Signed  
 Generator ID : CAL000350300  
 Generator Name : Barry Callebaut  
 Generator Address : 1175 Commerce Blvd Ste D, AMERICAN CANYON, CA 94503  
 Generator Mailing : 1175 Commerce Blvd Ste D, American Canyon, CA 94503  
 Generator Contact : Barry Callebaut  
 Destination ID : UTD991301748  
 Destination Name : Clean Harbors Grassy Mountain LLC  
 Destination Mailing : PO Box 22750, Salt Lake City, UT 84122  
 Destination Address : 3 Miles East 7 Miles North of Knolls Exit 41 off I-80, Grantsville, UT 84029  
 Destination Contact : N/R  
 Submission Type : DataImage5Copy  
 Origin Type : Service  
 Manifest Residue : N  
 Rejection : N  
 Last Date in Agency List : 2022-03-20

Waste Details

Waste Line Number : 1  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R

Non Waste Description : NONE, NON-RCRA HAZARDOUS WASTE, SOLIDS, N/A, NONE, ( ABSORBENTS CONTAMINATED WITH OIL )

Quantity : 400 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.2, 0, 0.2  
 Quantity Kg, Acute, Non-Acute : 0, 181.406  
 Management Method : H132 - LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)  
 Is EPA Waste : N

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

MANIFEST EPA **(cont.)**

Federal Code : N/R  
 State Code : CA - 352

Manifest Details

Manifest Number : 007300013SKS  
 Shipped Date : 2020-01-23  
 Updated Date : 2020-03-02  
 Received Date : 2020-02-10  
 Status : Signed  
 Generator ID : CAL000350300  
 Generator Name : Barry Callebaut  
 Generator Address : 1175 Commerce Blvd Ste D, AMERICAN CANYON, CA 94503  
 Generator Mailing : 1175 Commerce Blvd Ste D, American Canyon, CA 94503  
 Generator Contact : Barry Callebaut  
 Destination ID : CAD059494310  
 Destination Name : Clean Harbors San Jose LLC  
 Destination Mailing : 1021 Berryessa Road, San Jose, CA 95133  
 Destination Address : 1021 Berryessa Road, San Jose, CA 95133  
 Destination Contact : N/R  
 Submission Type : DataImage5Copy  
 Origin Type : Service  
 Manifest Residue : N  
 Rejection : N  
 Last Date in Agency List : 2022-03-20

Waste Details

Waste Line Number : 1  
 Is DOT Hazardous : N  
 DOT ID Number : N/R  
 DOT Information : N/R

Non Waste Description : NONE, NON RCRA HAZARDOUS WASTE SOLIDS, (DIRT , SAND, SOIL, ABSORBENT AND OIL), N/A, NONE

Quantity : 150 Pounds  
 Quantity Tons, Acute, Non-Acute : 0.075, 0, 0.075  
 Quantity Kg, Acute, Non-Acute : 0, 68.02725  
 Management Method : H141 - STORAGE, BULKING AND/OR TRANSFER OFF SITE  
 Is EPA Waste : N  
 Federal Code : N/R  
 State Code : CA - 352



Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT  
 USA, LLC | GOLDEN STATE VINTNERS  
 CORPORATION  
 1175 COMMERCE BLVD STE D | 1175  
 COMMERCE BLVD | 1175 COMMERCE  
 BLVD D  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 FRS, HAZNET - CA, HIST CHMIRS - CA,  
 HWG - CA, ICIS, INACTIVE PCS, MANIFEST  
 EPA, NPDES - CA, PCS ENF, PCS FACILITY,  
 RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**Envirosite ID:** 726077  
**EPA ID:** CAC002596435

MANIFEST EPA **(cont.)**

Manifest Details

Manifest Number :	007300014SKS
Shipped Date :	2020-01-23
Updated Date :	2020-03-13
Received Date :	2020-02-13
Status :	Signed
Generator ID :	CAL000350300
Generator Name :	Barry Callebaut
Generator Address :	1175 Commerce Blvd Ste D, AMERICAN CANYON, CA 94503
Generator Mailing :	1175 Commerce Blvd Ste D, American Canyon, CA 94503
Generator Contact :	Barry Callebaut
Destination ID :	CAD980675276
Destination Name :	Clean Harbors Buttonwillow LLC
Destination Mailing :	PO Box 787, Buttonwillow, CA 93206
Destination Address :	PO Box 787, Buttonwillow, CA 93206
Destination Contact :	N/R
Submission Type :	DataImage5Copy
Origin Type :	Service
Manifest Residue :	N
Rejection :	N
Last Date in Agency List :	2022-03-20

Waste Details

Waste Line Number :	1
Is DOT Hazardous :	Y
DOT ID Number :	UN3266
DOT Information :	UN3266, WASTE UN3266, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., ), 8, PG I (SODIUM HYDROXIDE, POTASSIUM HYDROXIDE), 8, PG II
Non Waste Description :	N/R
Quantity :	400 Pounds
Quantity Tons, Acute, Non-Acute :	0.2, 0, 0.2
Quantity Kg, Acute, Non-Acute :	0, 181.406
Management Method :	H132 - LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
Is EPA Waste :	Y
Federal Code :	D002, D006, D007, D008
State Code :	CA - 121

NPDES - CA

Facility Name :	Barry Callebaut
Facility Address :	1175 Commerce Blvd Ste D, American Canyon, 94503

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

NPDES - CA **(cont.)**

County :	Napa
Effective Date :	2020-02-05
Adoption Date :	N/R
Expiration Date :	N/R
Termination Date :	N/R
Order Number :	97-03-DWQ
NPDES Number :	CAS000001
WDID :	2 28I028519
RM Status :	Active
Reg Meas ID :	509762
Reg Meas Type :	Enrollee
Program :	Industrial
Facility Place ID :	N/R
Region Code :	2
Discharger ID :	0
Discharger :	Barry Callebaut
Discharger Address :	1175 Commerce Blvd Ste D, American Canyon, California 94503
Last Date in Agency List :	2022-05-17

PCS ENF

Site Details

NPDES ID :	CAZ509762
Last Date in Agency List :	2022-04-06

Formal Enforcement Actions

Settlement Entered Date :	N/R
ENF Identifier :	N/R
Activity ID :	N/R
Activity Type :	N/R
ENF Type :	N/R
Agency :	N/R
Fed Penalty Assessed Amount :	N/R
State Local Penalty Amount :	N/R

Informal Enforcement Actions

Achieved Date :	2020-07-21
Registry ID :	110066221494
ENF Identifier :	CA-ZIEA438059
Activity ID :	3602308241

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

PCS ENF (cont.)

Activity Type : Administrative - Informal  
 ENF Type : Notice of Noncompliance Issued  
 Agency : State

PCS FACILITY

Issue Date : 2020-02-05  
 Original Issue Date : 2020-02-05  
 Effective Date : 2020-02-05  
 Expiration Date : 2020-06-30  
 Retirement Date : N/R  
 Termination Date : N/R  
 Issuing Agency : CA Waterboards  
 Agency Type : State  
 Activity ID : 3602106040  
 External Permit Number : CAZ509762  
 Facility Type Indicator : NON-POTW  
 Permit Type : General Permit Covered Facility-NPDES)  
 Major Minor Status : N  
 Permit Status : Effective  
 Total Design Flow Number : N/R  
 Actual Average Flow Number : N/R  
 State Water Body : N/R  
 State Water Body Name : N/R  
 Permit Name : Barry Callebaut  
 Permit Comp Status : Y  
 RNC Tracking : Y  
 Master External Permit Number : CAS000001  
 TMDL Interface : N/R  
 EDMR Authorization : N  
 Pretreatment Indicator : N/R  
 Last Date in Agency List : 2020-02-11

RCRA\_NONGEN

Facility Name : BARRY CALLEBAUT USA LLC  
 Facility Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 County : NAPA

Date Form Received by Agency : 2021-06-15  
 EPA ID : CAL000350300  
 Mailing Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 Contact : MIGUEL ORTEGA  
 Contact Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503  
 Contact Country : US

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

RCRA\_NONGEN **(cont.)**

Contact Telephone :	707-666-5735
Contact Email :	MIGUEL_ORTEGA@BARRY-CALLEBAUT.COM
EPA Region :	09
Land Type :	Not Reported
Source Type :	Implementer
Classification :	Not a generator, verified
Description :	Not a generator, verified
Last Date in Agency List :	2022-04-27

Owner/Operator Summary

Owner/Operator Name :	BARRY CALLEBAUT USA HOLDING INC
Owner/Operator Address :	600 W CHICAGO AVE STE 860, CHICAGO, IL 60654
Owner/Operator Country :	US
Owner/Operator Telephone :	321-496-7300
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N/R
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT USA, LLC | GOLDEN STATE VINTNERS CORPORATION  
 1175 COMMERCE BLVD STE D | 1175 COMMERCE BLVD | 1175 COMMERCE BLVD D  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, FRS, HAZNET - CA, HIST CHMIRS - CA, HWG - CA, ICIS, INACTIVE PCS, MANIFEST EPA, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

RCRA\_NONGEN **(cont.)**

Notices of Violations Summary  
 Regulation Violated :

N

RFR - CA

Facility Name : Barry Callebaut  
 Facility Address : 1175 Commerce Blvd Ste D, American Canyon, CA 94503  
 County : Napa

Effective Date : 2020-02-05  
 Adoption Date : N/R  
 Termination Date : N/R  
 Expiration/Review Date : N/R  
 NPDES Number : CAS000001  
 Order Number : 2014-0057-DWQ  
 WDID : 2 28I028519  
 SIC/NAICS : 2066  
 Program : INDSTW  
 Regulatory Measure Status : Active  
 Regulatory Measure Type : Storm water industrial  
 Place/Project Type : Industrial - Chocolate and Cocoa Products  
 Region : 2  
 Design Flow : N/R  
 Major/Minor : N/R  
 Complexity : N/R  
 TTWQ : N/R  
 Number of Enforcement Actions within Five Years: 1  
 Number of Violations within Five Years: 1  
 Agency : Barry Callebaut  
 Agency Address : 1175 Commerce Blvd Ste D, American Canyon , CA 94503  
 Latitude : 38.1902  
 Longitude : -122.27211  
 Last Date in Agency List : 2022-03-07

STORMWATER

Facility Name : BARRY CALLEBAUT  
 Facility Address : 1175 COMMERCE BLVD STE D, AMERICAN CANYON, CA 94503

NPDES ID : CAZ509762  
 Permittee Name : Barry Callebaut  
 Permit Status : Expired  
 Permit Issuing Name : State

Map Id: 33  
 Direction: NNE  
 Distance: 0.240 mi., 1267 ft.  
 Elevation: 23 ft.  
 Relative: Higher

**Site Name :** BARRY CALLEBAUT | BARRY CALLEBAUT  
 USA, LLC | GOLDEN STATE VINTNERS  
 CORPORATION  
 1175 COMMERCE BLVD STE D | 1175  
 COMMERCE BLVD | 1175 COMMERCE  
 BLVD D  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 FRS, HAZNET - CA, HIST CHMIRS - CA,  
 HWG - CA, ICIS, INACTIVE PCS, MANIFEST  
 EPA, NPDES - CA, PCS ENF, PCS FACILITY,  
 RCRA\_NONGEN, RFR - CA, STORMWATER]  
**(cont.)**

**EnviroSite ID:** 726077  
**EPA ID:** CAC002596435

STORMWATER (cont.)

Issued Date :	2020-02-05
Effective Date :	2020-02-05
Termination Date :	N/R
Expiration Date :	2020-06-30
EPA Region :	09
SIC Code :	2066
NAICS Code :	N/R
EJ Indexes Above 80th Percentile :	1
Significant Noncompliance Status :	N/R
Quarters with Noncompliance :	7
Industrial Stormwater Formal Enforcement Actions:	N/R
Facility Map Flag :	Y
DRF URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Latitude :	38.19017
Longitude :	-122.27264
Last Date in Agency List :	2022-03-21

Map Id: 34  
 Direction: NNE  
 Distance: 0.333 mi., 1756 ft.  
 Elevation: N/R  
 Relative: N/R

**Site Name :** West Napa fault  
 38.188699, -122.263799  
 CA

**Database(s) :** [SEISMIC - CA]

**EnviroSite ID:** 48641122  
**EPA ID:** N/R

SEISMIC - CA

Fault ID :	36
Fault Age :	HOL
Fault Source :	Bryant (1982g)
Zone Name :	West Napa fault zone
Line Type :	solid
Line Value :	1
JEN ID :	152
Section Number :	36b
Section Name :	Napa County Airport section
Date :	N/R
Rule ID :	7
Shape Length :	852.775812195



Map Id: 35  
Direction: NE  
Distance: 0.434 mi., 2294 ft.  
Elevation: N/R  
Relative: N/R

**Site Name :** West Napa fault  
38.183783, -122.258961  
CA  
**Database(s) :** [SEISMIC - CA]

**Envirosite ID:** 48672878  
**EPA ID:** N/R

SEISMIC - CA

Fault ID : 36  
Fault Age : HOL  
Fault Source : Bryant (1982g)  
Zone Name : West Napa fault zone  
Line Type : dotted  
Line Value : 3  
JEN ID : 152  
Section Number : 36b  
Section Name : Napa County Airport section  
Date : N/R  
Rule ID : 8  
Shape Length : 672.765672339

Map Id: 36  
Direction: NNE  
Distance: 0.478 mi., 2526 ft.  
Elevation: N/R  
Relative: N/R

**Site Name :** West Napa fault  
38.194855, -122.270409  
CA  
**Database(s) :** [SEISMIC - CA]

**Envirosite ID:** 48670494  
**EPA ID:** N/R

SEISMIC - CA

Fault ID : 36  
Fault Age : HOL  
Fault Source : Bryant (1982g)  
Zone Name : West Napa fault zone  
Line Type : solid  
Line Value : 1  
JEN ID : 152  
Section Number : 36b  
Section Name : Napa County Airport section  
Date : N/R  
Rule ID : 35  
Shape Length : 753.891785247

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER]

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

CALEPA SITES - CA

Facility Name : 1111 GREEN ISLAND ROAD  
 Facility Address : 1111 GREEN ISLAND ROAD, AMERICAN CANYON, 94503

Site ID : 519428  
 EI ID : T10000012793  
 EI Description : Cleanup Program Site  
 Latitude : 38.195970  
 Longitude : -122.275750  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

Facility Name : NAPA VALLEY CAST STONE  
 Facility Address : 1111 GREEN ISLAND ROAD, AMERICAN CANYON, 94503-9639

Site ID : 482475  
 EI ID : 110037975224  
 EI Description : US EPA Air Emission Inventory System (EIS)  
 Latitude : 38.196090  
 Longitude : -122.275280  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

CIWQS - CA

Facility Name : CALIFORNIA STONECRAFT LLC  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S876602  
 Agency Name : CALIFORNIA STONECRAFT LLC  
 Last Date in Agency List : 2022-03-22

Facility Name : NAPA VALLEY CAST STONE  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S616784  
 Agency Name : NAPA VALLEY CAST STONE  
 Last Date in Agency List : 2022-03-22

ECHO

Facility Name : BREF2 1111 GREEN ISLAND, LLC

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111  
 GREEN ISLAND LLC | HATCH AND KIRK  
 1111 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 EMI - CA, FRS, HAZNET - CA, HIST  
 HAZNET - CA, HWG - CA, ICIS, INACTIVE  
 PCS, NPDES - CA, PCS ENF, PCS FACILITY,  
 RCRA\_LQG, RCRA\_NONGEN, RFR - CA,  
 SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

ECHO **(cont.)**

Facility Address : 1111 GREEN ISLAND RD., AMERICAN CANYON, CA 94503  
 County : NAPA

Last Inspection Date : N/R  
 Registry ID : 110071212013  
 FIPS Code : N/R  
 EPA Region : 09  
 Inspection Count : 0  
 Last Inspection Days : N/R  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : 0  
 Programs IN SNC : 0  
 Current Compliance Status : No Violation Identified  
 Three-Year Compliance Status :  
 Collection Method : Zip Code Centroid  
 Reference Point : N/R  
 Accuracy Meters : 10000  
 Derived Tribes : N/R  
 Derived HUC : N/R  
 Derived WBD : N/R  
 Derived STCTY FIPS : N/R  
 Derived Zip : N/R  
 Derived CD113 : N/R  
 Derived CB2010 : N/R  
 MYRTK Universe : NNY  
 NPDES IDs : N/R  
 CWA Permit Types : N/R  
 CWA Compliance Tracking : N/R  
 CWA NAICS : N/R  
 CWA SICS : N/R  
 CWA Inspection Count : N/R  
 CWA Last Inspection Days : N/R  
 CWA Informal Count : N/R  
 CWA Formal Action Count : N/R  
 CWA Last Formal Action Date : N/R  
 CWA Penalties : N/R  
 CWA Last Penalty Date : N/R  
 CWA Last Penalty Amount : N/R  
 CWA Quarters IN NC : N/R  
 CWA Current Compliance Status : N/R  
 CWA Current SNC Flag : N

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111  
 GREEN ISLAND LLC | HATCH AND KIRK  
 1111 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 EMI - CA, FRS, HAZNET - CA, HIST  
 HAZNET - CA, HWG - CA, ICIS, INACTIVE  
 PCS, NPDES - CA, PCS ENF, PCS FACILITY,  
 RCRA\_LQG, RCRA\_NONGEN, RFR - CA,  
 SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

**ECHO (cont.)**

CWA 13 Quarters Compliance Status : N/R  
 CWA 13 Quarters Effluent Exceedances: N/R  
 CWA Three-Year QNCR Codes : N/R  
 DFR URL : [Click here for hyperlink provided by the agency.](#)  
 Facility SIC : N/R

Facility NAICS : 327991 - Cut Stone and Stone Product Manufacturing, 56299 - All Other Waste Management Services

Facility Last Inspection EPA Date : N/R  
 Facility Last Inspection State Date : N/R  
 Facility Last Formal Act EPA Date : N/R  
 Facility Last Formal Act State Date : N/R  
 Facility Last Informal Act EPA Date : N/R  
 Facility Last Informal Act State Date: N/R  
 Facility Federal Agency : N/R  
 TRI Reporter : N/R  
 Facility Imp Water Flag : N/R  
 Current SNC Flag : N  
 Indian County Flag : N  
 Federal Flag : N/R  
 US Mexico Border Flag : N/R  
 Chesapeake Bay Flag : N/R  
 AIR Flag : N  
 NPDES Flag : N  
 SDWIS Flag : N  
 RCRA Flag : Y  
 TRI Flag : N  
 GHG Flag : N  
 Major Flag : N/R  
 Active Flag : Y  
 NAA Flag : N  
 Latitude : 38.175095  
 Longitude : -122.252743  
 Last Date in Agency List : 2022-03-29

Facility Name : NAPA VALLEY CAST STONE  
 Facility Address : 1111 GREEN ISLAND ROAD, AMERICAN CANYON, CA 94503  
 County : NAPA

Last Inspection Date : 2019-03-20  
 Registry ID : 110037975224  
 FIPS Code : 06055  
 EPA Region : 09  
 Inspection Count : 1  
 Last Inspection Days : 1096  
 Informal Count : 0

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111  
 GREEN ISLAND LLC | HATCH AND KIRK  
 1111 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 EMI - CA, FRS, HAZNET - CA, HIST  
 HAZNET - CA, HWG - CA, ICIS, INACTIVE  
 PCS, NPDES - CA, PCS ENF, PCS FACILITY,  
 RCRA\_LQG, RCRA\_NONGEN, RFR - CA,  
 SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

ECHO **(cont.)**

Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	N/R
Three-Year Compliance Status :	N/R
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	Lytton Rancheria of California - 17 mile(s)
Derived HUC :	18050002
Derived WBD :	180500020401
Derived STCTY FIPS :	06055
Derived Zip :	94503
Derived CD113 :	05
Derived CB2010 :	060552010051068
MYRTK Universe :	NNN
NPDES IDs :	CAZ276868
CWA Permit Types :	Minor
CWA Compliance Tracking :	Off
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	1
CWA Last Inspection Days :	1095
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	0
CWA Current Compliance Status :	Terminated Permit
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	U
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	327332 - Concrete Pipe Manufacturing
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	2019-03-20
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

**ECHO (cont.)**

Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	Y
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	Y
SDWIS Flag :	N
RCRA Flag :	N
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	N/R
NAA Flag :	Y
Latitude :	38.19609
Longitude :	-122.27528
Last Date in Agency List :	2022-03-29

**EMI - CA**

Facility Name :	CALIFORNIA STONECRAFT
Facility Address :	1111 GREEN ISLAND ROAD, AMERICAN CANYON, 94503
County :	Napa

Facility ID :	24284
Air Basin Code :	San Francisco Bay Area
District :	BAY AREA AQMD
County ID :	NAP
SIC Code :	3272
CHAPIS :	N/R
CERR Code :	N/R
Last Date in Agency List :	2021-04-02

**Additional Details**

Year :	2018
Total Organic Gases (Tons/Year) :	.156596665
Reactive Organic Gases (Tons/Year) :	.1529349131376
Carbon Monoxide (Tons/Year) :	N/R
Nitrogen Oxides (Tons/Year) :	N/R
Sulfur Oxides (Tons/Year) :	N/R
Particulate Matter (Tons/Year) :	N/R
Fine Particulate Matter (Tons/Year) :	N/R



Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

EMI - CA **(cont.)**

Facility Name :	NAPA VALLEY CAST STONE
Facility Address :	1111 GREEN ISLAND ROAD, AMERICAN CANYON, 94503
County :	Napa
Facility ID :	16231
Air Basin Code :	San Francisco Bay Area
District :	BAY AREA AQMD
County ID :	NAP
SIC Code :	3272
CHAPIS :	N/R
CERR Code :	N/R
Last Date in Agency List :	2019-07-08

Additional Details

Year :	2017
Total Organic Gases (Tons/Year) :	.156492822
Reactive Organic Gases (Tons/Year) :	.1528334983186
Carbon Monoxide (Tons/Year) :	N/R
Nitrogen Oxides (Tons/Year) :	N/R
Sulfur Oxides (Tons/Year) :	N/R
Particulate Matter (Tons/Year) :	N/R
Fine Particulate Matter (Tons/Year) :	N/R

FRS

Facility Name :	BREF2 1111 GREEN ISLAND, LLC
Facility Address :	1111 GREEN ISLAND ROAD, AMERICAN CANYON, CA 94503
County :	NAPA

Site Details

Registry ID :	110071212013
FRS Facility URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2022-05-11

Source Description

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

**FRS (cont.)**

Source Description :

RCRAInfo is EPA’s comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest

Source and System ID :

RCRAINFO - CAC003157586  
 RCRAINFO - CAP000333377

Facility Name :  
 Facility Address :  
 County :

NAPA VALLEY CAST STONE  
 1111 GREEN ISLAND ROAD, AMERICAN CANYON, CA 94503-9639  
 NAPA

Site Details

Registry ID :  
 FRS Facility URL :  
 Last Date in Agency List :

110037975224  
[Click here for hyperlink provided by the agency.](#)  
 2022-05-11

Source Description

Source Description :

The Emission Inventory System (EIS) maintains an inventory of large stationary sources and voluntarily-reported smaller sources of air point pollution emitters. It contains information about facility sites and their physical location, emission units, emission processes, release points, control approaches, and regulations. Facility inventory data are kept separate from the emissions data and have stable identifiers to improve continuity from year to year and to help identify duplicate or missing facilities.

The 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.

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

**FRS (cont.)**

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

FRS Environmental Interest

Source and System ID : CA-ENVIROVIEW - 137188  
 EIS - 10146011  
 ICIS - CAZ276868

HAZNET - CA

Facility Name : BACCHUS CONSTRUCTION  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAL000183448  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 1370 TRANCAS ST STE 334, NAPA, CA 945580000  
 Latitude : 38.19551398  
 Longitude : -122.27535225  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Waste Generator Details

State Waste : 2006: 141 - Off-specification, aged or surplus inorganics, 1.02165 tons to CAD028409019

Facility Name : C-LINE EXPRESS  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

HAZNET - CA **(cont.)**

Site Details

Generator EPA ID : CAL000191639  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : PO BOX 540, NAPA, CA 945590000  
 Latitude : 38.19551398  
 Longitude : -122.27535225  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Waste Generator Details

State Waste :  
 2004: 223 - Unspecified oil-containing waste, 0.0417 tons to CAD093459485  
 2004: 221 - Waste oil and mixed oil, 2.28 tons to CAD980887418  
 2002: 221 - Waste oil and mixed oil, 5.149 tons to CAD980887418  
 2000: 352 - Other organic solids, 0.5 tons to CAD059494310  
 2000: 221 - Waste oil and mixed oil, 2.831 tons to CAD980887418

Facility Name : HATCH AND KIRK  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAD982345233  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945039639  
 Latitude : 38.19551398  
 Longitude : -122.27535225  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

HAZNET - CA **(cont.)**

Waste Generator Details  
 State Waste :

2003: 741 - Liquids with halogenated organic compounds >= 1,000 Mg. /L, 0.07089 tons to CAT000613943  
 2002: 741 - Liquids with halogenated organic compounds >= 1,000 Mg. /L, 0.26266 tons to CAT000613943  
 2002: 741 - Liquids with halogenated organic compounds >= 1,000 Mg. /L, 0.12927 tons to CA0000084517  
 2001: 741 - Liquids with halogenated organic compounds >= 1,000 Mg. /L, 0.1917 tons to CAT000613943  
 2001: 134 - Aqueous solution with total organic residues less than 10 percent, 0.0714 tons to CA0000084517  
 2001: 741 - Liquids with halogenated organic compounds >= 1,000 Mg. /L, 0.3 tons to CA0000084517  
 2001: 741 - Liquids with halogenated organic compounds >= 1,000 Mg. /L, 0.0667 tons to CAT000613943  
 2000: 741 - Liquids with halogenated organic compounds >= 1,000 Mg. /L, 0.075 tons to CA0000084517  
 2000: 741 - Liquids with halogenated organic compounds >= 1,000 Mg. /L, 0.1584 tons to CA0000084517  
 2000: 741 - Liquids with halogenated organic compounds >= 1,000 Mg. /L, 0.1 tons to CAT000613943  
 2000: 134 - Aqueous solution with total organic residues less than 10 percent, 0.2898 tons to CA0000084517  
 1999: 134 - Aqueous solution with total organic residues less than 10 percent, 0.0588 tons to CAD093459485  
 1999: 134 - Aqueous solution with total organic residues less than 10 percent, 0.0966 tons to CA0000084517  
 1999: 741 - Liquids with halogenated organic compounds >= 1,000 Mg. /L, 0.1042 tons to CA0000084517

Facility Name :  
 Facility Address :  
 County :

HATCH AND KIRK  
 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94589  
 NAPA

Site Details

Generator EPA ID :  
 Active :  
 Category :  
 Facility Types :  
 Type :  
 Contact Name :  
 Contact Phone :  
 Facility Mailing Address :  
 Latitude :  
 Longitude :  
 Agency Hyperlink :

CAL000002364  
 Inactive  
 STATE  
 N/R  
 PERMANENT  
 N/R  
 N/R  
 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945890000  
 38.19551398  
 -122.27535225  
[Click here for hyperlink provided by the agency.](#)

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

HAZNET - CA **(cont.)**

Last Date in Agency List : 2021-07-08

Facility Name : HATCH & KIRK INC  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94589  
 County : NAPA

Site Details

Generator EPA ID : CAL000033967  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945890000  
 Latitude : 38.19551398  
 Longitude : -122.27535225  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Facility Name : NAPA VALLEY CAST STONE LLC  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAL000326691  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945039639  
 Latitude : 38.19551398  
 Longitude : -122.27535225  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Waste Generator Details



Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

HAZNET - CA **(cont.)**

State Waste : 2007: 141 - Off-specification, aged or surplus inorganics, 0.6255 tons to CAD028409019

Facility Name : N V CAST STONE LLC/NAPA VALLEY CAST STONE  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAC002575344  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : TEMPORARY  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945039639  
 Latitude : 38.19551398  
 Longitude : -122.27535225  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Facility Name : UNDERGROUND STORAGE SYSTEM  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94589  
 County : NAPA

Site Details

Generator EPA ID : CAL000262731  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 1370 TRANCAS ST # 334, NAPA, CA 944558  
 Latitude : 38.19551398  
 Longitude : -122.27535225  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

HIST HAZNET - CA

Facility Name : N V CAST STONE LLC/NAPA VALLEY CAST STONE  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, 94503-9639

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

HIST HAZNET - CA **(cont.)**

ID Number : CAC002575344  
 Last Date in Agency List : 2014-11-17

HWG - CA

Facility Name : BACCHUS CONSTRUCTION  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAL000183448  
 Status : Inactive  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 1370 TRANCAS ST STE 334, NAPA, CA 945580000  
 Owner Name : HARRISON WESTERN CONSTRUCTION  
 Owner Address : 1208 QUAIL ST, LAKEWOOD, CO 802150000  
 Operator Name : CECIL CONER-FORD  
 Operator Address : 1370 TRANCAS ST STE 334, NAPA, CA 945580000  
 Latitude : 38.197005  
 Longitude : -122.275614

Facility Name : BREF2 1111 GREEN ISLAND LLC  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAP000333377  
 Status : Active  
 Category : FEDERAL  
 Type : TEMPORARY  
 Facility Type : N/R  
 Mailing Address : 2175 N CALIFORNIA BLVD STE 415, WALNUT CREEK, CA 94596  
 Owner Name : BREF2 1111 GREEN ISLAND LLC  
 Owner Address : 2175 N CALIFORNIA BLVD STE 415, WALNUT CREEK, CA 94596  
 Operator Name : JENNIFER MOON  
 Operator Address : 2175 N CALIFORNIA BLVD STE 415, WALNUT CREEK, CA 94596  
 Latitude : 38.195313  
 Longitude : -122.274269

Facility Name : BREF2 1111 GREEN ISLAND, LLC  
 Facility Address : 1111 GREEN ISLAND RD., AMERICAN CANYON, CA 94503  
 County : NAPA

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

HWG - CA **(cont.)**

EPA ID : CAC003157586  
 Status : Active  
 Category : STATE  
 Type : TEMPORARY  
 Facility Type : N/R  
 Mailing Address : 2175 N. CALIFORNIA BLVD., SUITE 415, WALNUT CREEK, CA 94596  
 Owner Name : BREF2 1111 GREEN ISLAND, LLC  
 Owner Address : 2175 N. CALIFORNIA BLVD., SUITE 415, WALNUT CREEK, CA 94596  
 Operator Name : BREF2 1111 GREEN ISLAND, LLC  
 Operator Address : 2175 N. CALIFORNIA BLVD., SUITE 415, WALNUT CREEK, CA 94596  
 Latitude : 38.196033  
 Longitude : -122.2757

Facility Name : C-LINE EXPRESS  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAL000191639  
 Status : Inactive  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : PO BOX 540, NAPA, CA 945590000  
 Owner Name : C-LINE EXPRESS  
 Owner Address : PO BOX 540, NAPA, CA 945590000  
 Operator Name : TODD WALKER/VP,SEC,TREAS  
 Operator Address : PO BOX 540, NAPA, CA 945590000  
 Latitude : 38.195313  
 Longitude : -122.274269

Facility Name : HATCH AND KIRK  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAD982345233  
 Status : Inactive  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945039639  
 Owner Name : HATCH & KIRK  
 Owner Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945039639  
 Operator Name : BILL FARRELL SHOP FORMAN  
 Operator Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945039639  
 Latitude : 38.195313

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

EnviroSite ID: 253956  
 EPA ID: CAL000183448

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

HWG - CA (cont.)

Longitude : -122.274269

Facility Name : HATCH AND KIRK  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94589  
 County : NAPA

EPA ID : CAL000002364  
 Status : Inactive  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945890000  
 Owner Name : HATCH & KIRK INC  
 Owner Address : N/A  
 Operator Name : CANCELLED PER SURVEY 3-95 JV  
 Operator Address : N/A  
 Latitude : 38.208708  
 Longitude : -122.30561

Facility Name : HATCH & KIRK INC  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94589  
 County : NAPA

EPA ID : CAL000033967  
 Status : Inactive  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945890000  
 Owner Name : MARSHALL HATCH/JACK/K  
 Owner Address : N/A  
 Operator Name : INACTIVE PER SURVEY 1/95 HN  
 Operator Address : N/A  
 Latitude : 38.208708  
 Longitude : -122.30561

Facility Name : NAPA VALLEY CAST STONE LLC  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAL000326691  
 Status : Inactive  
 Category : STATE

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

HWG - CA **(cont.)**

Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945039639  
 Owner Name : NAPA VALLEY CAST STONE LLC  
 Owner Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945039639  
 Operator Name : MARK AKEY  
 Operator Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945039639  
 Latitude : 38.197005  
 Longitude : -122.275614

Facility Name : N V CAST STONE LLC/NAPA VALLEY CAST STONE  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAC002575344  
 Status : Inactive  
 Category : STATE  
 Type : TEMPORARY  
 Facility Type : N/R  
 Mailing Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945039639  
 Owner Name : N V CAST STONE LLC  
 Owner Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945039639  
 Operator Name : BILL TOUGH/PRES  
 Operator Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 945039639  
 Latitude : 38.195313  
 Longitude : -122.274269

Facility Name : UNDERGROUND STORAGE SYSTEM  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94589  
 County : NAPA

EPA ID : CAL000262731  
 Status : Inactive  
 Category : STATE  
 Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 1370 TRANCAS ST # 334, NAPA, CA 944558  
 Owner Name : DAVID PROVOST  
 Owner Address : 1370 TRANCAS ST # 334, NAPA, CA 944558  
 Operator Name : DAVID PROVOST  
 Operator Address : 1370 TRANCAS ST # 334, NAPA, CA 944558  
 Latitude : 38.208708  
 Longitude : -122.30561

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

ICIS

Facility Name : NAPA VALLEY CAST STONE  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503

Site Details

NPDES ID : CAZ276868  
 ICIS Facility Interest ID : 3600726476  
 Facility UIN : 110037975224  
 Facility Type Code : Privately Owned Facility  
 Impaired Waters : 303(D) Listed  
 Latitude : 38.197  
 Longitude : -122.27558  
 Last Date in Agency List : 2022-05-02

INACTIVE PCS

Issue Date : 2015-07-01  
 Original Issue Date : 2015-07-01  
 Effective Date : 2015-07-01  
 Expiration Date : 2020-06-30  
 Retirement Date : N/R  
 Termination Date : 2019-01-11  
 Issuing Agency : CA Waterboards  
 Agency Type : State  
 Activity ID : 3601105835  
 External Permit Number : CAZ276868  
 Facility Type Indicator : NON-POTW  
 Permit Type : General Permit Covered Facility-NPDES)  
 Major Minor Status : N  
 Permit Status : Terminated  
 Total Design Flow Number : N/R  
 Actual Average Flow Number : N/R  
 State Water Body : N/R  
 State Water Body Name : N/R  
 Permit Name : Napa Valley Cast Stone  
 Permit Comp Status : Y  
 RNC Tracking : Y  
 Master External Permit Number : CAS000001  
 TMDL Interface : N/R  
 EDMR Authorization : N  
 Pretreatment Indicator : N/R  
 Last Date in Agency List : 2022-01-14

NPDES - CA

Facility Name : Napa Valley Cast Stone  
 Facility Address : 1111 Green Island Rd, American Canyon, 94503  
 County : Napa



Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

NPDES - CA **(cont.)**

Effective Date :	2004-12-30
Adoption Date :	N/R
Expiration Date :	N/R
Termination Date :	2019-01-11
Order Number :	97-03-DWQ
NPDES Number :	CAS000001
WDID :	2 28I019243
RM Status :	Terminated
Reg Meas ID :	276868
Reg Meas Type :	Enrollee
Program :	Industrial
Facility Place ID :	N/R
Region Code :	2
Discharger ID :	0
Discharger :	Napa Valley Cast Stone
Discharger Address :	1111 Green Island Rd, American Canyon, California 94503
Last Date in Agency List :	2021-12-07

PCS ENF

Site Details

NPDES ID :	CAZ276868
Last Date in Agency List :	2022-04-06

Formal Enforcement Actions

Settlement Entered Date :	N/R
ENF Identifier :	N/R
Activity ID :	N/R
Activity Type :	N/R
ENF Type :	N/R
Agency :	N/R
Fed Penalty Assessed Amount :	N/R
State Local Penalty Amount :	N/R

Informal Enforcement Actions

Achieved Date :	2019-01-11
Registry ID :	110037975224
ENF Identifier :	CA-ZIEA433335
Activity ID :	3601878003
Activity Type :	Administrative - Informal
ENF Type :	Information Request Letter
Agency :	State

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

PCS FACILITY

Issue Date : 2015-07-01  
 Original Issue Date : 2015-07-01  
 Effective Date : 2015-07-01  
 Expiration Date : 2020-06-30  
 Retirement Date : N/R  
 Termination Date : N/R  
 Issuing Agency : CA Waterboards  
 Agency Type : State  
 Activity ID : 3601105835  
 External Permit Number : CAZ276868  
 Facility Type Indicator : NON-POTW  
 Permit Type : General Permit Covered Facility-NPDES)  
 Major Minor Status : N  
 Permit Status : Effective  
 Total Design Flow Number : N/R  
 Actual Average Flow Number : N/R  
 State Water Body : N/R  
 State Water Body Name : N/R  
 Permit Name : Napa Valley Cast Stone  
 Permit Comp Status : Y  
 RNC Tracking : Y  
 Master External Permit Number : CAS000001  
 TMDL Interface : N/R  
 EDMR Authorization : N  
 Pretreatment Indicator : N/R  
 Last Date in Agency List : 2018-12-18

RCRA\_LQG

Facility Name : BREF2 1111 GREEN ISLAND, LLC  
 Facility Address : 1111 GREEN ISLAND ROAD, AMERICAN CANYON, CA 94503  
 County : NAPA

Date Form Received by Agency : 2022-01-18  
 EPA ID : CAP000333377  
 Mailing Address : 2175 N. CALIFORNIA BLVD., SUITE 415, WALNUT CREEK, CA 94596  
 Contact : JENNIFER MOON  
 Contact Address : 2175 N. CALIFORNIA BLVD., SUITE 415, WALNUT CREEK, CA 94596  
 Contact Country : US  
 Contact Telephone : 925-357-2086  
 Contact Email : N/R  
 EPA Region : 09  
 Land Type : Private  
 Source Type : Notification  
 Classification : Large Quantity Generator

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

**RCRA\_LQG (cont.)**

Description :

Handlers that generate 1,000 kg or more of hazardous waste during any calendar month; or generate more than 1 kg of acutely hazardous waste during any calendar month; or generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1 kg of acutely hazardous waste at any time; or generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.

Last Date in Agency List : 2022-04-27

Owner/Operator Summary

Owner/Operator Name : BREF2 1111 GREEN ISLAND, LLC  
 Owner/Operator Address : 2175 N. CALIFORNIA BLVD., SUITE 415, WALNUT CREEK, CA 94596  
 Owner/Operator Country : US  
 Owner/Operator Telephone : 925-357-2086  
 Owner/Operator Email : JENNIFER.MOON@TRANSWESTERN.COM  
 Owner/Operator Fax : N/R  
 Legal Status : Private  
 Owner/Operator Type : Owner  
 Owner/Operator Start Date : 2021-04-16  
 Owner/Operator End Date : N/R

Owner/Operator Name : BREF2 1111 GREEN ISLAND, LLC  
 Owner/Operator Address : 2175 N. CALIFORNIA BLVD., SUITE 415, WALNUT CREEK, CA 94596  
 Owner/Operator Country : US  
 Owner/Operator Telephone : 925-357-2086  
 Owner/Operator Email : JENNIFER.MOON@TRANSWESTERN.COM  
 Owner/Operator Fax : N/R  
 Legal Status : Private  
 Owner/Operator Type : Operator  
 Owner/Operator Start Date : 2021-04-16  
 Owner/Operator End Date : N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste : N  
 Mixed Waste (Haz. and Radioactive) : N/R  
 Recycler of Hazardous Waste : N  
 Transporter of Hazardous Waste : N  
 Treater, Storer or Disposer of HW : N  
 Underground Injection Activity : N  
 On-site Burner Exemption : N

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

RCRA\_LQG (cont.)

Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Hazardous Waste Summary  
 Waste Code / Name :

135 - Unspecified aqueous solution  
 D002 - CORROSIVE WASTE  
 D007 - CHROMIUM

Notices of Violations Summary  
 Regulation Violated :

N

RCRA\_NONGEN

Facility Name :	BREF2 1111 GREEN ISLAND, LLC
Facility Address :	1111 GREEN ISLAND RD., AMERICAN CANYON, CA 94503
County :	NAPA

Date Form Received by Agency :	2022-01-19
EPA ID :	CAC003157586
Mailing Address :	2175 N. CALIFORNIA BLVD., SUITE 415, WALNUT CREEK, CA 94596
Contact :	BREF2 1111 GREEN ISLAND, LLC
Contact Address :	2175 N. CALIFORNIA BLVD., SUITE 415, WALNUT CREEK, CA 94596
Contact Country :	N/R
Contact Telephone :	925-357-2086
Contact Email :	ADAM@COSTERAENV.COM
EPA Region :	09
Land Type :	Not Reported
Source Type :	Implementer
Classification :	Not a generator, verified
Description :	Not a generator, verified
Last Date in Agency List :	2022-04-27

Owner/Operator Summary

Owner/Operator Name :	BREF2 1111 GREEN ISLAND, LLC
Owner/Operator Address :	2175 N. CALIFORNIA BLVD., SUITE 415, WALNUT CREEK, CA 94596
Owner/Operator Country :	N/R

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

RCRA\_NONGEN **(cont.)**

Owner/Operator Telephone : 925-357-2086  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Operator  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Owner/Operator Name : BREF2 1111 GREEN ISLAND, LLC  
 Owner/Operator Address : 2175 N. CALIFORNIA BLVD., SUITE 415, WALNUT CREEK, CA 94596  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 925-357-2086  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Owner  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste : N  
 Mixed Waste (Haz. and Radioactive) : N/R  
 Recycler of Hazardous Waste : N  
 Transporter of Hazardous Waste : N  
 Treater, Storer or Disposer of HW : N  
 Underground Injection Activity : N  
 On-site Burner Exemption : N  
 Furnace Exemption : N  
 Used Oil Fuel Burner : N  
 Used Oil Processor : N  
 Used Oil Refiner : N  
 Used Oil Fuel Marketer to Burner : N  
 Used Oil Specification Marketer : N  
 Used Oil Transfer Facility : N  
 Used Oil Transporter : N

Notices of Violations Summary

Regulation Violated : N

RFR - CA

Facility Name : Napa Valley Cast Stone  
 Facility Address : 1111 Green Island Rd, American Canyon, CA 94503  
 County : Napa

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111 GREEN ISLAND LLC | HATCH AND KIRK 1111 GREEN ISLAND RD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO, EMI - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, INACTIVE PCS, NPDES - CA, PCS ENF, PCS FACILITY, RCRA\_LQG, RCRA\_NONGEN, RFR - CA, SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

RFR - CA **(cont.)**

Effective Date :	2004-12-30
Adoption Date :	N/R
Termination Date :	N/R
Expiration/Review Date :	N/R
NPDES Number :	CAS000001
Order Number :	2014-0057-DWQ
WDID :	2 28I019243
SIC/NAICS :	Multiple
Program :	INDSTW
Regulatory Measure Status :	Active
Regulatory Measure Type :	Storm water industrial
Place/Project Type :	Industrial - Concrete Block and Brick
Region :	2
Design Flow :	N/R
Major/Minor :	N/R
Complexity :	N/R
TTWQ :	N/R
Number of Enforcement Actions within Five Years:	N/R
Number of Violations within Five Years:	N/R
Agency :	Napa Valley Cast Stone
Agency Address :	1111 Green Island Rd, American Canyon, CA 94503
Latitude :	38.197
Longitude :	-122.27558
Last Date in Agency List :	2019-02-11

SLIC REG 2 - CA

Facility Name :	1111 Green Island Road
Facility Address :	1111 Green Island Road, American Canyon, CA 94503
County :	Napa

Site Details

Status Date :	2020-02-21
Status :	Completed - Case Closed
Begin Date :	2019-02-25
Global ID :	T10000012793
Region :	REGION 2



Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111  
 GREEN ISLAND LLC | HATCH AND KIRK  
 1111 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 EMI - CA, FRS, HAZNET - CA, HIST  
 HAZNET - CA, HWG - CA, ICIS, INACTIVE  
 PCS, NPDES - CA, PCS ENF, PCS FACILITY,  
 RCRA\_LQG, RCRA\_NONGEN, RFR - CA,  
 SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

SLIC REG 2 - CA **(cont.)**

Site History :

RP (NV Caststone, LLC) requested agency oversight to facilitate site closure. Site recently used to manufacture architectural cast stone (concrete products). Former industrial uses included diesel engine repair and parts cleaning (1984-2003?). Environmental impacts appear to be associated with past use of an underground oil/water separator collecting wastewater from a wash pad. 2011 data reported groundwater COCs exceeding 2019 ESLs included Petroleum - diesel and select metals (As, Ba, Cd, Cr, Pb and Hg); soil impacts were limited to low concentrations of As and Pb (at or below background limits). Groundwater plume confined to northeast corner of the site, not fully delineated. Soil vapor data not previously collected for the site.

RB Case Number : 28S0071  
 Potential Media Affected : Other Groundwater (uses other than drinking water), Soil Vapor

Potential Contaminants of Concern : Arsenic, Chromium, Lead, Mercury (elemental), Other Metal, Total Petroleum Hydrocarbons (TPH)

Local Agency : N/R  
 Local Case Number : N/R  
 Lead Agency : SAN FRANCISCO BAY RWQCB (REGION 2)  
 File Location : All Files are on GeoTracker or in the Local Agency Database  
 CUF Case : NO  
 Caseworker : PF  
 Case Type : Cleanup Program Site  
 How Discovered : N/R  
 How Discovered Description : N/R  
 Stop Method : N/R  
 Stop Description : N/R  
 Calwater Watershed Name : San Pablo - Napa River (206.50)  
 DWR Groundwater Subbasin Name : Napa-Sonoma Valley - Napa-Sonoma Lowlands (2-002.03)  
 Disadvantaged Community : N/R  
 Latitude : 38.19597  
 Longitude : -122.27575  
 Agency URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-05

Contacts Summary

Global ID : T10000012793  
 Contact Name : PHYLLIS FLACK  
 Contact Type : Regional Board Caseworker  
 Organization Name : SAN FRANCISCO BAY RWQCB (REGION 2)  
 Address : 1515 CLAY ST SUITE 1400  
 City : OAKLAND  
 Phone Number : N/R  
 Email : phyllis.flack@waterboards.ca.gov

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111  
 GREEN ISLAND LLC | HATCH AND KIRK  
 1111 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 EMI - CA, FRS, HAZNET - CA, HIST  
 HAZNET - CA, HWG - CA, ICIS, INACTIVE  
 PCS, NPDES - CA, PCS ENF, PCS FACILITY,  
 RCRA\_LQG, RCRA\_NONGEN, RFR - CA,  
 SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

SLIC REG 2 - CA **(cont.)**

Regulatory Activities

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your EnviroSite account representative for a complimentary site report containing all of the details available.

Date : 2020-02-21  
 Global ID : T10000012793  
 Action Type : ENFORCEMENT  
 Action : Closure/No Further Action Letter - #28S0071

Date : 2019-12-30  
 Global ID : T10000012793  
 Action Type : ENFORCEMENT  
 Action : Notification - Preclosure - #28S0071

Date : 2019-11-30  
 Global ID : T10000012793  
 Action Type : RESPONSE  
 Action : Site Investigation

Date : 2019-08-12  
 Global ID : T10000012793  
 Action Type : ENFORCEMENT  
 Action : 13267 Requirement - #28S0071

Date : 2019-06-28  
 Global ID : T10000012793  
 Action Type : ENFORCEMENT  
 Action : Annual Estimation Letter - #28S0071

Status History

Status Date : 2020-02-21  
 Global ID : T10000012793  
 Status : Completed - Case Closed

Status Date : 2019-05-28  
 Global ID : T10000012793  
 Status : Open - Site Assessment

Map Id: 37  
 Direction: N  
 Distance: 0.492 mi., 2598 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** NAPA VALLEY CAST STONE | BREF2 1111  
 GREEN ISLAND LLC | HATCH AND KIRK  
 1111 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, ECHO,  
 EMI - CA, FRS, HAZNET - CA, HIST  
 HAZNET - CA, HWG - CA, ICIS, INACTIVE  
 PCS, NPDES - CA, PCS ENF, PCS FACILITY,  
 RCRA\_LQG, RCRA\_NONGEN, RFR - CA,  
 SLIC REG 2 - CA, STORMWATER] **(cont.)**

**EnviroSite ID:** 253956  
**EPA ID:** CAL000183448

SLIC REG 2 - CA **(cont.)**

Status Date : 2019-03-12  
 Global ID : T10000012793  
 Status : Open - Site Assessment

Status Date : 2019-02-25  
 Global ID : T10000012793  
 Status : Open - Case Begin Date

STORMWATER

Facility Name : NAPA VALLEY CAST STONE  
 Facility Address : 1111 GREEN ISLAND RD, AMERICAN CANYON, CA 94503

NPDES ID : CAZ276868  
 Permittee Name : Napa Valley Cast Stone  
 Permit Status : Terminated  
 Permit Issuing Name : State  
 Issued Date : 2015-07-01  
 Effective Date : 2015-07-01  
 Termination Date : 2019-01-11  
 Expiration Date : 2020-06-30  
 EPA Region : 09  
 SIC Code : N/R  
 NAICS Code : N/R  
 EJ Indexes Above 80th Percentile : 1  
 Significant Noncompliance Status : N/R  
 Quarters with Noncompliance : 0  
 Industrial Stormwater Formal  
 Enforcement Actions: N/R  
 Facility Map Flag : Y  
 DRF URL : [Click here for hyperlink provided by the agency.](#)  
 Latitude : 38.19609  
 Longitude : -122.27528  
 Last Date in Agency List : 2022-03-21

Map Id: 38  
 Direction: NNE  
 Distance: 0.564 mi., 2976 ft.  
 Elevation: 39 ft.  
 Relative: Higher

**Site Name :** POLYVINYL CHEMICAL INDUSTRIES, INC |  
 PCI-NAPA  
 501 GREEN ISLAND ROAD  
 VALLEJO, CA 94589

**Database(s) :** [CS\_NAPA COUNTY - CA, ENVIROSTOR -  
 CA, HIST UST - CA]

**Envirosite ID:** 342910  
**EPA ID:** N/R

CS\_NAPA COUNTY - CA

Facility Name : POLYVINYL CHEMICAL INDUSTRIES, INC  
 Facility Address : 501 GREEN ISLAND ROAD, VALLEJO, 94589  
 County : NAPA

Status Date : 2008-06-05  
 Status : NO ACTION REQUIRED  
 Envirostor ID : 28510002  
 Program Type : EVALUATION  
 Site Code : N/R  
 CalEnviroScreen Score : 60-65%  
 Latitude : 38.1945691521118  
 Longitude : -122.265441575033  
 Last Date in Agency List : 2022-04-26

ENVIROSTOR - CA

Facility Name : POLYVINYL CHEMICAL INDUSTRIES, INC  
 Facility Address : 501 GREEN ISLAND ROAD, VALLEJO, CA 94589  
 County : NAPA

Site Details

Cleanup Date : 2008-06-05  
 Cleanup Status : No Action Required  
 Site Type : Evaluation  
 Site Type Detailed : Evaluation  
 Acreage : 0.5  
 APN : 057160002000  
 National Priorities List : NO  
 Regulatory Agencies Involved : RWQCB 2 - San Francisco Bay  
 Lead Agency : RWQCB 2 - San Francisco Bay  
 Project Manager : N/R  
 Supervisor : Karen Toth  
 Office : Cleanup Berkeley  
 Envirostor ID : 28510002  
 Site Code : N/R  
 Assembly : 04  
 Senate : 03  
 Congressional District : 05  
 Special Program : EPA - PASI  
 Past Uses : UNKNOWN  
 Potential COC : \* HYDROCARBON SOLVENTS; \* LATEX WASTE; \* UNSPECIFIED ALKALINE SOLUTIONS  
 Confirmed COC : N/R  
 Potential Media Affected : Under Investigation  
 Restricted Use : NO  
 Site Management Req : N/R  
 Funding : EPA Grant  
 Latitude : 38.194569  
 Longitude : -122.265442  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-03-21

Map Id: 38  
 Direction: NNE  
 Distance: 0.564 mi., 2976 ft.  
 Elevation: 39 ft.  
 Relative: Higher

**Site Name :** POLYVINYL CHEMICAL INDUSTRIES, INC |  
 PCI-NAPA  
 501 GREEN ISLAND ROAD  
 VALLEJO, CA 94589

**Database(s) :** [CS\_NAPA COUNTY - CA, ENVIROSTOR -  
 CA, HIST UST - CA] **(cont.)**

**Envirosite ID:** 342910  
**EPA ID:** N/R

**ENVIROSTOR - CA (cont.)**

Alias : APN - 057160002000  
 Alternate Name - CALIFORNIA RESINS (NAME CHANGE 11/17/82)  
 Alternate Name - PCI  
 EPA Identification Number - CAD061163325  
 Envirostor ID Number - 28510002  
 GeoTracker Global ID - SL0605547879

**Completed Activities**

Completed Date : 2014-05-01  
 Area Name : PROJECT WIDE  
 Sub Area Name : N/R  
 Document Type : Preliminary Assessment Report

Comments : DTSC conducted a reassessment of sites in EPA's CERCLIS database on EPA's behalf. The regional waterboard had reviewed past soil and groundwater investigations and determined that no further action was required. Based on this information and available sampling data, DTSC recommended no further federal assessment under CERCLA.

Completed Date : 2008-05-28  
 Area Name : PROJECT WIDE  
 Sub Area Name : N/R  
 Document Type : Site Screening

Comments : The Triage recommended No Further Action. A Sensitive Receptor Survey and Risk Based Corrective Action Assessment submitted to the SF Water Board indicate that the contaminant residuals present at the site do not pose a significant health risk to current or future occupants of the site. Based on this Report, a No Further Action Letter was issued by the SF Board dated November 20, 2000.

Completed Date : 1990-03-29  
 Area Name : PROJECT WIDE  
 Sub Area Name : N/R  
 Document Type : Preliminary Assessment Report

Comments : PRELIM ASSESS DONE ECOLOGY AND ENVIRONMENT PRELIMINARY ASSESSMENT 2/12/90. SITE POSES A HIGH POTENTIAL OF RELEASE TO SURFACE WATER. EPA RECOMMENDATION-MEDIUM PRIORITY SSI.

Completed Date : 1988-02-05  
 Area Name : PROJECT WIDE  
 Sub Area Name : N/R  
 Document Type : Site Screening  
 Comments : N/R

Completed Date : 1988-02-05  
 Area Name : PROJECT WIDE  
 Sub Area Name : N/R

Map Id: 38  
 Direction: NNE  
 Distance: 0.564 mi., 2976 ft.  
 Elevation: 39 ft.  
 Relative: Higher

**Site Name :** POLYVINYL CHEMICAL INDUSTRIES, INC |  
 PCI-NAPA  
 501 GREEN ISLAND ROAD  
 VALLEJO, CA 94589

**Database(s) :** [CS\_NAPA COUNTY - CA, ENVIROSTOR -  
 CA, HIST UST - CA] **(cont.)**

**EnviroSite ID:** 342910  
**EPA ID:** N/R

ENVIROSTOR - CA **(cont.)**

Document Type :	* Discovery
Comments :	FACILITY IDENTIFIED DHS DRIVE-BY. PHOTOS TAKEN SITE SCREENING DONE PAH REQ BASED ON NAPA CO ENVR HLTH FILE
Completed Date :	1988-01-12
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	* Discovery
Comments :	FACILITY IDENTIFIED ENVR HLTH NAPA KNOWN CONTAMINATED SITE
Completed Date :	1987-11-16
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	Site Screening
Comments :	SITE SCREENING DONE MANUFACTURER OF ACRYLIC EMULSIONS CHEMS. ORGANIC CHEMICALS FOUND IN SOIL AND GROUNDWATER AROUND PIT. PCI WAS PART OF BEATRICE CHEMICAL DIVISION OF BEATRICE FOODS. THE DIVISION WAS SOLD TO IMPERIAL CHEMICAL INDUSTRIES 03/01/85.

HIST UST - CA

Facility Name :	PCI-NAPA
Facility Address :	501 GREEN ISLAND RD., VALLEJO, 94589
County :	N/R
PDF Link :	<a href="#">Click here for hyperlink provided by the agency.</a>



Map Id: 39  
 Direction: N  
 Distance: 0.573 mi., 3028 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** COPARTS | SUNRISE AUTO INC | FORMER SUNSHINE AUTO SALVAGE  
 1578 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CIWQS - CA, CIWQS 2 - CA, CS\_NAPA COUNTY - CA, ECHO, ENVIROSTOR - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, MANIFEST EPA, RCRA\_NONGEN]

Envirosite ID: 342913  
 EPA ID: N/R

CIWQS - CA

Facility Name : COPARTS  
 Facility Address : 1578 GREEN ISLAND DRIVE, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S863238  
 Agency Name : COPARTS  
 Last Date in Agency List : 2022-03-22

Facility Name : FORMER SUNSHINE AUTO SALVAGE  
 Facility Address : 1578 GREEN ISLAND, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : 226276  
 Agency Name : CALIFORNIA AUTO DISMANTLING INC  
 Last Date in Agency List : 2022-03-22

CIWQS 2 - CA

Facility Name : Former Sunshine Auto Salvage  
 Facility Address : 1578 Green Island, American Canyon, 94503  
 County : Napa

Facility ID : 226276  
 WDID : N/R  
 Facility Type : All other facilities  
 Region : 2  
 Place Type : Facility  
 Place Subtype : N/R  
 Agency Name : N/R  
 Agency Type : N/R  
 Number of Agencies : N/R  
 Status Date : N/R  
 Status : N/R  
 Status Enrollee : N/R  
 Individual/General : N/R  
 Fee Code : N/R  
 Staff Assigned : N/R  
 Number of Staff Assigned : N/R  
 Supervisor : N/R  
 Number of Supervisor : N/R  
 Number of Amendments : 0  
 Number of Reg Measures : N/R  
 Baseline Flow : N/R  
 Population (MS4)/Acres : N/R  
 Reclamation : N/R  
 CAFO Type : N/R

Map Id: 39  
 Direction: N  
 Distance: 0.573 mi., 3028 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** COPARTS | SUNRISE AUTO INC | FORMER  
 SUNSHINE AUTO SALVAGE  
 1578 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CIWQS - CA, CIWQS 2 - CA, CS\_NAPA  
 COUNTY - CA, ECHO, ENVIROSTOR - CA,  
 FRS, HAZNET - CA, HIST HAZNET - CA,  
 HWG - CA, ICIS, MANIFEST EPA,  
 RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 342913  
 EPA ID: N/R

CIWQS 2 - CA **(cont.)**

CAFO Subtype :	N/R
CAFO Population :	N/R
Onsite :	N/R
Quality Assurance :	N/R
RCRA Flag :	N/R
Total MMP Violations Number :	0
Total Number of Violations :	1
Total Number of Inspections :	0
Date of Most Recent Completed Inspection:	N/R
Date of Most Recent Received Report :	N/R
Total Number of Final (A+H) Enforcement Actions:	4
Most Recent Effective Date of Enf Action (A+H):	2001-10-22
Program :	UNREGS
Program Category :	UNREGS
Number of Programs :	N/R
Complexity :	N/R
Pretreatment :	N/R
Facility Waste Type :	N/R
Reg Measure ID :	N/R
Reg Measure Type :	N/R
Reg Measure Title :	N/R
Reg Measure Description :	N/R
SIC 1 :	-
SIC 2 :	-
SIC 3 :	-
Latitude :	38.197004
Longitude :	-122.283653
Last Date in Agency List :	2022-05-06

CS\_NAPA COUNTY - CA

Facility Name :	SUNSHINE AUTO SALVAGE
Facility Address :	1578 GREEN ISLAND ROAD, AMERICAN CANYON, 94589
County :	NAPA
Status Date :	2001-01-10
Status :	REFER: RWQCB
Envirostor ID :	28500004
Program Type :	EVALUATION
Site Code :	N/R
CalEnviroScreen Score :	60-65%
Latitude :	38.1987381452343
Longitude :	-122.282244869123
Last Date in Agency List :	2022-04-26

Map Id: 39  
 Direction: N  
 Distance: 0.573 mi., 3028 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** COPARTS | SUNRISE AUTO INC | FORMER  
 SUNSHINE AUTO SALVAGE  
 1578 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CIWQS - CA, CIWQS 2 - CA, CS\_NAPA  
 COUNTY - CA, ECHO, ENVIROSTOR - CA,  
 FRS, HAZNET - CA, HIST HAZNET - CA,  
 HWG - CA, ICIS, MANIFEST EPA,  
 RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 342913  
 EPA ID: N/R

ECHO

Facility Name : COPARTS  
 Facility Address : 1578 GREEN ISLAND DRIVE, AMERICAN CANYON, CA 94503  
 County : NAPA COUNTY

Last Inspection Date : 2019-04-30  
 Registry ID : 110070230574  
 FIPS Code : N/R  
 EPA Region : 09  
 Inspection Count : 2  
 Last Inspection Days : 1055  
 Informal Count : 0  
 Last Informal Action Date : N/R  
 Formal Action Count : 0  
 Last Formal Action Date : N/R  
 Total Penalties : 0  
 Penalty Count : N/R  
 Last Penalty Date : N/R  
 Last Penalty Amount : N/R  
 QTRS IN NC : 0  
 Programs IN SNC : 0  
 Current Compliance Status : N/R  
 Three-Year Compliance Status : N/R  
 Collection Method : Zip Code Centroid  
 Reference Point : N/R  
 Accuracy Meters : 10000  
 Derived Tribes : N/R  
 Derived HUC : N/R  
 Derived WBD : N/R  
 Derived STCTY FIPS : N/R  
 Derived Zip : N/R  
 Derived CD113 : N/R  
 Derived CB2010 : N/R  
 MYRTK Universe : NNN  
 NPDES IDs : CAW496680 CAW497179  
 CWA Permit Types : Minor  
 CWA Compliance Tracking : N/R  
 CWA NAICS : N/R  
 CWA SICS : N/R  
 CWA Inspection Count : 2  
 CWA Last Inspection Days : 1437  
 CWA Informal Count : N/R  
 CWA Formal Action Count : N/R  
 CWA Last Formal Action Date : N/R  
 CWA Penalties : N/R  
 CWA Last Penalty Date : N/R  
 CWA Last Penalty Amount : N/R  
 CWA Quarters IN NC : 0  
 CWA Current Compliance Status : Not Applicable  
 CWA Current SNC Flag : N

Map Id: 39  
 Direction: N  
 Distance: 0.573 mi., 3028 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** COPARTS | SUNRISE AUTO INC | FORMER  
 SUNSHINE AUTO SALVAGE  
 1578 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CIWQS - CA, CIWQS 2 - CA, CS\_NAPA  
 COUNTY - CA, ECHO, ENVIROSTOR - CA,  
 FRS, HAZNET - CA, HIST HAZNET - CA,  
 HWG - CA, ICIS, MANIFEST EPA,  
 RCRA\_NONGEN] **(cont.)**

**Envirosite ID:** 342913  
**EPA ID:** N/R

**ECHO (cont.)**

CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	<a href="#">Click here for hyperlink provided by the agency.</a>
Facility SIC :	N/R
Facility NAICS :	N/R
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	2019-04-30
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeake Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	Y
SDWIS Flag :	N
RCRA Flag :	N
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	N/R
NAA Flag :	N
Latitude :	38.175095
Longitude :	-122.252743
Last Date in Agency List :	2022-03-29

**ENVIROSTOR - CA**

Facility Name :	SUNSHINE AUTO SALVAGE
Facility Address :	1578 GREEN ISLAND ROAD, AMERICAN CANYON, CA 94589
County :	NAPA

**Site Details**

Cleanup Date :	2001-01-10
Cleanup Status :	Refer: RWQCB
Site Type :	Evaluation
Site Type Detailed :	Evaluation
Acreage :	5
APN :	058070020000
National Priorities List :	NO
Regulatory Agencies Involved :	RWQCB 2 - San Francisco Bay

Map Id: 39  
 Direction: N  
 Distance: 0.573 mi., 3028 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** COPARTS | SUNRISE AUTO INC | FORMER SUNSHINE AUTO SALVAGE  
 1578 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CIWQS - CA, CIWQS 2 - CA, CS\_NAPA COUNTY - CA, ECHO, ENVIROSTOR - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

**Envirosite ID:** 342913  
**EPA ID:** N/R

**ENVIROSTOR - CA (cont.)**

Lead Agency : RWQCB 2 - San Francisco Bay  
 Project Manager : N/R  
 Supervisor : Karen Toth  
 Office : Cleanup Berkeley  
 Envirostor ID : 28500004  
 Site Code : N/R  
 Assembly : 04  
 Senate : 03  
 Congressional District : 05  
 Special Program : EPA - PASI  
 Past Uses : BATTERY RECLAMATION, RECYCLING - SCRAP METAL  
 Potential COC : 1,2,4-Trimethylbenzene; TPH-diesel; Lead  
 Confirmed COC : TPH-diesel-NO; 1,2,4-Trimethylbenzene; Lead  
 Potential Media Affected : Soil  
 Restricted Use : NO  
 Site Management Req : N/R  
 Funding : N/R  
 Latitude : 38.198738  
 Longitude : -122.282245  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-03-21

Alias : APN - 058070020000  
 Alternate Name - CALIFORNIA AUTO DISMANTLING  
 Envirostor ID Number - 28500004

**Completed Activities**

Completed Date : 2002-04-11  
 Area Name : PROJECT WIDE  
 Sub Area Name : N/R  
 Document Type : Preliminary Endangerment Assessment Report

Comments : PA/SI completed. The site was recommended for no further CERCLA remedial site assessment.

Completed Date : 2001-01-10  
 Area Name : PROJECT WIDE  
 Sub Area Name : N/R  
 Document Type : Site Screening  
 Comments : N/R

Completed Date : 1988-01-22  
 Area Name : PROJECT WIDE  
 Sub Area Name : N/R  
 Document Type : \* Discovery

Map Id: 39  
 Direction: N  
 Distance: 0.573 mi., 3028 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** COPARTS | SUNRISE AUTO INC | FORMER  
 SUNSHINE AUTO SALVAGE  
 1578 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CIWQS - CA, CIWQS 2 - CA, CS\_NAPA  
 COUNTY - CA, ECHO, ENVIROSTOR - CA,  
 FRS, HAZNET - CA, HIST HAZNET - CA,  
 HWG - CA, ICIS, MANIFEST EPA,  
 RCRA\_NONGEN] **(cont.)**

**EnviroSite ID:** 342913  
**EPA ID:** N/R

ENVIROSTOR - CA **(cont.)**

Comments : N/R

FRS

Facility Name : COPARTS  
 Facility Address : 1578 GREEN ISLAND DRIVE, AMERICAN CANYON, CA 94503  
 County : NAPA COUNTY

Site Details

Registry ID : 110070230574  
 FRS Facility URL : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-05-11

Source Description

Source Description :

The 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.

FRS Environmental Interest

Source and System ID : ICIS - CAW496680  
 ICIS - CAW497179

HAZNET - CA

Facility Name : CALIFORNIA AUTO DISMANTLING INC  
 Facility Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, CA 94589  
 County : NAPA

Site Details

Generator EPA ID : CAL000244543  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : PERMANENT  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 2600 GREEN ISLAND RD, AMERICAN CANYON, CA 945030000



Map Id: 39  
 Direction: N  
 Distance: 0.573 mi., 3028 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** COPARTS | SUNRISE AUTO INC | FORMER SUNSHINE AUTO SALVAGE  
 1578 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon, CA

**Database(s) :** [CIWQS - CA, CIWQS 2 - CA, CS\_NAPA COUNTY - CA, ECHO, ENVIROSTOR - CA, FRS, HAZNET - CA, HIST HAZNET - CA, HWG - CA, ICIS, MANIFEST EPA, RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 342913  
 EPA ID: N/R

HAZNET - CA **(cont.)**

Latitude : 38.19712573  
 Longitude : -122.28217306  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Facility Name : SUNRISE AUTO INC  
 Facility Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, CA 94589  
 County : NAPA

Site Details

Generator EPA ID : CAC002209009  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : TEMPORARY  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, CA 945890000  
 Latitude : 38.19712573  
 Longitude : -122.28217306  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

Waste Generator Details

State Waste : 2000: 221 - Waste oil and mixed oil, 0.95 tons to CAD099452708

HIST HAZNET - CA

Facility Name : SUNRISE AUTO INC  
 Facility Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, 94589

ID Number : CAC002209009  
 Last Date in Agency List : 2014-11-17

HWG - CA

Facility Name : CALIFORNIA AUTO DISMANTLING INC  
 Facility Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, CA 94589  
 County : NAPA

EPA ID : CAL000244543  
 Status : Inactive  
 Category : STATE

Map Id: 39  
 Direction: N  
 Distance: 0.573 mi., 3028 ft.  
 Elevation: 30 ft.  
 Relative: Higher

Envirosite ID: 342913  
 EPA ID: N/R

**Site Name :** COPARTS | SUNRISE AUTO INC | FORMER  
 SUNSHINE AUTO SALVAGE  
 1578 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CIWQS - CA, CIWQS 2 - CA, CS\_NAPA  
 COUNTY - CA, ECHO, ENVIROSTOR - CA,  
 FRS, HAZNET - CA, HIST HAZNET - CA,  
 HWG - CA, ICIS, MANIFEST EPA,  
 RCRA\_NONGEN] **(cont.)**

HWG - CA **(cont.)**

Type : PERMANENT  
 Facility Type : N/R  
 Mailing Address : 2600 GREEN ISLAND RD, AMERICAN CANYON, CA 945030000  
 Owner Name : FAHIM NOOZAY  
 Owner Address : 2600 GREEN ISLAND RD, AMERICAN CANYON, CA 945030000  
 Operator Name : FAHIM NOOZAY  
 Operator Address : 2600 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 Latitude : 38.208708  
 Longitude : -122.30561

Facility Name : SUNRISE AUTO INC  
 Facility Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, CA 94589  
 County : NAPA

EPA ID : CAC002209009  
 Status : Inactive  
 Category : STATE  
 Type : TEMPORARY  
 Facility Type : N/R  
 Mailing Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, CA 945890000  
 Owner Name : SUNRISE AUTO INC  
 Owner Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, CA 945890000  
 Operator Name : PAUL WINDERS  
 Operator Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, CA 945890000  
 Latitude : 38.208708  
 Longitude : -122.30561

ICIS

Facility Name : COPARTS  
 Facility Address : 1578 GREEN ISLAND DRIVE, AMERICAN CANYON, CA 94503

Site Details

NPDES ID : CAW496680  
 ICIS Facility Interest ID : 3600869304  
 Facility UIN : 110070230574  
 Facility Type Code : N/R  
 Impaired Waters : N/R  
 Latitude : N/R  
 Longitude : N/R  
 Last Date in Agency List : 2022-05-02

MANIFEST EPA

Manifest Details

Manifest Number : 016051292JJK

Map Id: 39  
 Direction: N  
 Distance: 0.573 mi., 3028 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** COPARTS | SUNRISE AUTO INC | FORMER  
 SUNSHINE AUTO SALVAGE  
 1578 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CIWQS - CA, CIWQS 2 - CA, CS\_NAPA  
 COUNTY - CA, ECHO, ENVIROSTOR - CA,  
 FRS, HAZNET - CA, HIST HAZNET - CA,  
 HWG - CA, ICIS, MANIFEST EPA,  
 RCRA\_NONGEN] **(cont.)**

**Envirosite ID:** 342913  
**EPA ID:** N/R

MANIFEST EPA **(cont.)**

Shipped Date : 2018-12-19  
 Updated Date : 2020-04-23  
 Received Date : 2019-01-14  
 Status : Signed  
 Generator ID : CAL000244543  
 Generator Name : California Auto Dismantling  
 Generator Address : 1578 Green Island Road, American Canyon, CA 94589  
 Generator Mailing : 2600 Green Island Road, American Canyon, CA 94503  
 Generator Contact : N/R  
 Destination ID : CAD980884183  
 Destination Name : GEM Rancho Cordova LLC  
 Destination Mailing : 11855 White Rock Road, Rancho Cordova, CA 95742  
 Destination Address : 11855 White Rock Road, Rancho Cordova, CA 95742  
 Destination Contact : N/R  
 Submission Type : DataImage5Copy  
 Origin Type : Service  
 Manifest Residue : N  
 Rejection : N  
 Last Date in Agency List : 2022-03-20

Waste Details

Waste Line Number : 1  
 Is DOT Hazardous : Y  
 DOT ID Number : UN1203  
 DOT Information : UN1203 WASTE GASOLINE II 3 D001-100 LBS  
 Non Waste Description : N/R  
 Quantity : 110 Gallons  
 Quantity Tons, Acute, Non-Acute : 0.4587156, 0, 0.4587156  
 Quantity Kg, Acute, Non-Acute : 0, 416.06882  
 Management Method : H141 - STORAGE, BULKING AND/OR TRANSFER OFF SITE  
 Is EPA Waste : Y  
 Federal Code : D001, D018  
 State Code : CA - 331

RCRA\_NONGEN

Facility Name : CALIFORNIA AUTO DISMANTLING INC  
 Facility Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, CA 94589-0000  
 County : NAPA

Date Form Received by Agency : 2002-01-10  
 EPA ID : CAL000244543  
 Mailing Address : 2600 GREEN ISLAND RD, AMERICAN CANYON, CA 94503-0000  
 Contact : FAHIM NOOZAY  
 Contact Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 Contact Country : N/R  
 Contact Telephone : 510-719-7618

Map Id: 39  
 Direction: N  
 Distance: 0.573 mi., 3028 ft.  
 Elevation: 30 ft.  
 Relative: Higher

**Site Name :** COPARTS | SUNRISE AUTO INC | FORMER  
 SUNSHINE AUTO SALVAGE  
 1578 GREEN ISLAND RD  
 AMERICAN CANYON | American Canyon,  
 CA

**Database(s) :** [CIWQS - CA, CIWQS 2 - CA, CS\_NAPA  
 COUNTY - CA, ECHO, ENVIROSTOR - CA,  
 FRS, HAZNET - CA, HIST HAZNET - CA,  
 HWG - CA, ICIS, MANIFEST EPA,  
 RCRA\_NONGEN] **(cont.)**

EnviroSite ID: 342913  
 EPA ID: N/R

RCRA\_NONGEN **(cont.)**

Contact Email : FAHIMNOORZAY@GMAIL.COM  
 EPA Region : 09  
 Land Type : Not Reported  
 Source Type : Implementer  
 Classification : Not a generator, verified  
 Description : Not a generator, verified  
 Last Date in Agency List : 2022-04-27

Owner/Operator Summary

Owner/Operator Name : FAHIM NOOZAY  
 Owner/Operator Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, CA 94503-0000  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 510-719-7618  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Owner  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Owner/Operator Name : FAHIM NOOZAY  
 Owner/Operator Address : 1578 GREEN ISLAND RD, AMERICAN CANYON, CA 94503  
 Owner/Operator Country : N/R  
 Owner/Operator Telephone : 510-719-7618  
 Owner/Operator Email : N/R  
 Owner/Operator Fax : N/R  
 Legal Status : Other land type  
 Owner/Operator Type : Operator  
 Owner/Operator Start Date : N/R  
 Owner/Operator End Date : N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste : N  
 Mixed Waste (Haz. and Radioactive) : N  
 Recycler of Hazardous Waste : N  
 Transporter of Hazardous Waste : N  
 Treater, Storer or Disposer of HW : N  
 Underground Injection Activity : N  
 On-site Burner Exemption : N  
 Furnace Exemption : N  
 Used Oil Fuel Burner : N  
 Used Oil Processor : N  
 Used Oil Refiner : N  
 Used Oil Fuel Marketer to Burner : N  
 Used Oil Specification Marketer : N

Map Id: 39  
Direction: N  
Distance: 0.573 mi., 3028 ft.  
Elevation: 30 ft.  
Relative: Higher

**Site Name :** COPARTS | SUNRISE AUTO INC | FORMER  
SUNSHINE AUTO SALVAGE  
1578 GREEN ISLAND RD  
AMERICAN CANYON | American Canyon,  
CA  
**Database(s) :** [CIWQS - CA, CIWQS 2 - CA, CS\_NAPA  
COUNTY - CA, ECHO, ENVIROSTOR - CA,  
FRS, HAZNET - CA, HIST HAZNET - CA,  
HWG - CA, ICIS, MANIFEST EPA,  
RCRA\_NONGEN] **(cont.)**

**Envirosite ID:** 342913  
**EPA ID:** N/R

RCRA\_NONGEN **(cont.)**

Used Oil Transfer Facility : N  
Used Oil Transporter : N

Notices of Violations Summary  
Regulation Violated : N

Map Id: 40  
Direction: ENE  
Distance: 0.672 mi., 3550 ft.  
Elevation: N/R  
Relative: N/R

**Site Name :** West Napa fault  
38.166546, -122.25141  
CA  
**Database(s) :** [SEISMIC - CA]

**Envirosite ID:** 48670146  
**EPA ID:** N/R

SEISMIC - CA

Fault ID : 36  
Fault Age : HOL  
Fault Source : Bryant (1982g)  
Zone Name : West Napa fault zone  
Line Type : solid  
Line Value : 1  
JEN ID : 152  
Section Number : 36b  
Section Name : Napa County Airport section  
Date : N/R  
Rule ID : 7  
Shape Length : 1571.17022897

Map Id: 41  
Direction: ENE  
Distance: 0.732 mi., 3865 ft.  
Elevation: N/R  
Relative: N/R

**Site Name :** West Napa fault  
38.179393, -122.254949  
CA  
**Database(s) :** [SEISMIC - CA]

**Envirosite ID:** 48650250  
**EPA ID:** N/R

SEISMIC - CA

Fault ID : 36

Map Id: 41  
Direction: ENE  
Distance: 0.732 mi., 3865 ft.  
Elevation: N/R  
Relative: N/R

**Site Name :** West Napa fault  
38.179393, -122.254949  
CA  
**Database(s) :** [SEISMIC - CA] **(cont.)**

**Envirosite ID:** 48650250  
**EPA ID:** N/R

SEISMIC - CA **(cont.)**

Fault Age : HOL  
Fault Source : Bryant (1982g)  
Zone Name : West Napa fault zone  
Line Type : solid  
Line Value : 1  
JEN ID : 152  
Section Number : 36b  
Section Name : Napa County Airport section  
Date : N/R  
Rule ID : 7  
Shape Length : 589.055532649

Map Id: 42  
Direction: N  
Distance: 0.849 mi., 4485 ft.  
Elevation: N/R  
Relative: N/R

**Site Name :** West Napa fault  
38.201236, -122.273872  
CA  
**Database(s) :** [SEISMIC - CA]

**Envirosite ID:** 48672965  
**EPA ID:** N/R

SEISMIC - CA

Fault ID : 36  
Fault Age : HOL  
Fault Source : Bryant (1982g)  
Zone Name : West Napa fault zone  
Line Type : solid  
Line Value : 1  
JEN ID : 152  
Section Number : 36b  
Section Name : Napa County Airport section  
Date : N/R  
Rule ID : 7  
Shape Length : 427.390195186



Map Id: 43  
 Direction: ENE  
 Distance: 0.876 mi., 4628 ft.  
 Elevation: 58 ft.  
 Relative: Higher

**Site Name :** NAPA JUNCTION ELEMENTARY SCHOOL | PAINT BALL JUNGLE | COUCH PROPERTY  
 2 EUCALYPTUS DRIVE  
 AMERICAN CANYON | American Canyon, CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, CS\_NAPA COUNTY - CA, ENVIROSTOR - CA, HAZNET - CA, HIST HAZNET - CA, HWG - CA, NFA - CA, NPDES - CA, SCH - CA]

**EnviroSite ID:** 910471  
**EPA ID:** CAC002611534

CALEPA SITES - CA

Facility Name : NAPA JUNCTION ELEMEN  
 Facility Address : 2 EUCALYPTUS DRIVE, AMERICAN CANYON, 94503

Site ID : 608769  
 EI ID : 60002662  
 EI Description : School Investigation  
 Latitude : 38.182075  
 Longitude : -122.270405  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-04-07

CIWQS - CA

Facility Name : COUCH PROPERTY  
 Facility Address : 2 EUCALYPTUS DRIVE, AMERICAN CANYON, CA 94503  
 County : NAPA

Place ID : S813024  
 Agency Name : AMERICAN CANYON FLAT LAND COMPANY INC  
 Last Date in Agency List : 2022-03-22

CS\_NAPA COUNTY - CA

Facility Name : NAPA JUNCTION ELEMENTARY SCHOOL  
 Facility Address : 2 EUCALYPTUS DRIVE, AMERICAN CANYON, 94503  
 County : NAPA

Status Date : 2019-03-27  
 Status : NO FURTHER ACTION  
 Envirostor ID : 60002662  
 Program Type : SCHOOL INVESTIGATION  
 Site Code : 204302  
 CalEnviroScreen Score : 60-65%  
 Latitude : 38.182075  
 Longitude : -122.270405  
 Last Date in Agency List : 2022-04-26

ENVIROSTOR - CA

Facility Name : Napa Junction Elementary School  
 Facility Address : 2 Eucalyptus Drive, American Canyon, CA 94503  
 County : NAPA

Map Id: 43  
 Direction: ENE  
 Distance: 0.876 mi., 4628 ft.  
 Elevation: 58 ft.  
 Relative: Higher

**Site Name :** NAPA JUNCTION ELEMENTARY SCHOOL | PAINT BALL JUNGLE | COUCH PROPERTY  
 2 EUCALYPTUS DRIVE  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA, CS\_NAPA COUNTY - CA, ENVIROSTOR - CA, HAZNET - CA, HIST HAZNET - CA, HWG - CA, NFA - CA, NPDES - CA, SCH - CA] **(cont.)**

**EnviroSite ID:** 910471  
**EPA ID:** CAC002611534

ENVIROSTOR - CA **(cont.)**

Site Details

Cleanup Date :	2019-03-27
Cleanup Status :	No Further Action
Site Type :	School Investigation
Site Type Detailed :	School
Acreage :	15.11
APN :	058-030-067
National Priorities List :	NO
Regulatory Agencies Involved :	DTSC - Site Cleanup Program
Lead Agency :	DTSC - Site Cleanup Program
Project Manager :	Elizabeth Tisdale
Supervisor :	Jose Salcedo
Office :	Northern California Schools & Santa Susana
Envirostor ID :	60002662
Site Code :	204302
Assembly :	04
Senate :	03
Congressional District :	05
Special Program :	N/R
Past Uses :	NONE SPECIFIED
Potential COC :	N/R
Confirmed COC :	N/R
Potential Media Affected :	N/R
Restricted Use :	NO
Site Management Req :	N/R
Funding :	School District
Latitude :	38.182075
Longitude :	-122.270405
Agency Hyperlink :	<a href="#">Click here for hyperlink provided by the agency.</a>
Last Date in Agency List :	2022-03-21

Alias : APN - 058-030-067  
 Envirostor ID Number - 60002662  
 Project Code (Site Code) - 204302

Completed Activities

Completed Date :	2019-03-27
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	Preliminary Endangerment Assessment Report

Comments : DTSC approved the PEA Report with a No Further Action determination in a letter dated 27 March 2019.

Completed Date :	2018-11-07
Area Name :	PROJECT WIDE

Map Id: 43  
 Direction: ENE  
 Distance: 0.876 mi., 4628 ft.  
 Elevation: 58 ft.  
 Relative: Higher

**Site Name :** NAPA JUNCTION ELEMENTARY SCHOOL |  
 PAINT BALL JUNGLE | COUCH PROPERTY  
 2 EUCALYPTUS DRIVE  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA,  
 CS\_NAPA COUNTY - CA, ENVIROSTOR -  
 CA, HAZNET - CA, HIST HAZNET - CA,  
 HWG - CA, NFA - CA, NPDES - CA, SCH -  
 CA] **(cont.)**

**EnviroSite ID:** 910471  
**EPA ID:** CAC002611534

ENVIROSTOR - CA **(cont.)**

Sub Area Name : Document Type : Comments :	N/R Fieldwork DTSC conducted oversight of PEA sampling on 7 November 2018.
Completed Date : Area Name : Sub Area Name : Document Type : Comments :	2018-10-31 PROJECT WIDE N/R Preliminary Endangerment Assessment Workplan DTSC approved the PEA Workplan in a letter dated 31 October 2018 which was emailed on 1 November 2018.
Completed Date : Area Name : Sub Area Name : Document Type : Comments :	2018-08-23 PROJECT WIDE N/R Correspondence PEA scoping meeting held.
Completed Date : Area Name : Sub Area Name : Document Type : Comments :	2018-08-20 PROJECT WIDE N/R Environmental Oversight Agreement Fully executed EOA mailed to District.
Completed Date : Area Name : Sub Area Name : Document Type : Comments :	2018-08-02 PROJECT WIDE N/R Site Inspections/Visit (Non LUR) N/R
Completed Date : Area Name : Sub Area Name : Document Type : Comments :	2018-07-19 PROJECT WIDE N/R Environmental Oversight Agreement Application Consultant, Chris Heiny, submitted EOP Application (via email) on behalf of District on 7/19/18.
Completed Date : Area Name : Sub Area Name : Document Type : Comments :	2018-06-07 PROJECT WIDE N/R Phase 1 N/R

Map Id: 43  
 Direction: ENE  
 Distance: 0.876 mi., 4628 ft.  
 Elevation: 58 ft.  
 Relative: Higher

**Site Name :** NAPA JUNCTION ELEMENTARY SCHOOL |  
 PAINT BALL JUNGLE | COUCH PROPERTY  
 2 EUCALYPTUS DRIVE  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA,  
 CS\_NAPA COUNTY - CA, ENVIROSTOR -  
 CA, HAZNET - CA, HIST HAZNET - CA,  
 HWG - CA, NFA - CA, NPDES - CA, SCH -  
 CA] **(cont.)**

**EnviroSite ID:** 910471  
**EPA ID:** CAC002611534

HAZNET - CA

Facility Name : PAINT BALL JUNGLE  
 Facility Address : 2 EUCALYPTUS DR, AMERICAN CANYON, CA 94503  
 County : NAPA

Site Details

Generator EPA ID : CAC002611534  
 Active : Inactive  
 Category : STATE  
 Facility Types : N/R  
 Type : TEMPORARY  
 Contact Name : N/R  
 Contact Phone : N/R  
 Facility Mailing Address : 516 TEMPLE WAY, VALLEJO, CA 94591  
 Latitude : 38.17917650  
 Longitude : -122.25528606  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2021-07-08

HIST HAZNET - CA

Facility Name : PAINT BALL JUNGLE  
 Facility Address : 2 EUCALYPTUS DR, AMERICAN CANYON, 94503

ID Number : CAC002611534  
 Last Date in Agency List : 2014-11-17

HWG - CA

Facility Name : PAINT BALL JUNGLE  
 Facility Address : 2 EUCALYPTUS DR, AMERICAN CANYON, CA 94503  
 County : NAPA

EPA ID : CAC002611534  
 Status : Inactive  
 Category : STATE  
 Type : TEMPORARY  
 Facility Type : N/R  
 Mailing Address : 516 TEMPLE WAY, VALLEJO, CA 94591  
 Owner Name : PAINT BALL SPORTSMAN CORP  
 Owner Address : 516 TEMPLE WAY, VALLEJO, CA 94591  
 Operator Name : KAREN KAZMAN/MGR  
 Operator Address : 2 EUCALYPTUS DR, AMERICAN CANYON, CA 94503  
 Latitude : 38.181034  
 Longitude : -122.2753

Map Id: 43  
 Direction: ENE  
 Distance: 0.876 mi., 4628 ft.  
 Elevation: 58 ft.  
 Relative: Higher

**Site Name :** NAPA JUNCTION ELEMENTARY SCHOOL |  
 PAINT BALL JUNGLE | COUCH PROPERTY  
 2 EUCALYPTUS DRIVE  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA,  
 CS\_NAPA COUNTY - CA, ENVIROSTOR -  
 CA, HAZNET - CA, HIST HAZNET - CA,  
 HWG - CA, NFA - CA, NPDES - CA, SCH -  
 CA] **(cont.)**

**EnviroSite ID:** 910471  
**EPA ID:** CAC002611534

NFA - CA

Facility Name : Napa Junction Elementary School  
 Facility Address : 2 Eucalyptus Drive, American Canyon, CA 94503  
 County : NAPA

Cleanup Date : 2019-03-27  
 Cleanup Status : No Further Action  
 Site Type : School Investigation  
 Site Type Detailed : School  
 Acreage : 15.11  
 APN : 058-030-067  
 National Priorities List : NO  
 Regulatory Agencies Involved : DTSC - Site Cleanup Program  
 Lead Agency : DTSC - Site Cleanup Program  
 Project Manager : Elizabeth Tisdale  
 Supervisor : Jose Salcedo  
 Office : Northern California Schools & Santa Susana  
 Envirostor ID : 60002662  
 Site Code : 204302  
 Assembly : 04  
 Senate : 03  
 Congressional District : 05  
 Special Program : N/R  
 Past Uses : NONE SPECIFIED  
 Potential COC : N/R  
 Confirmed COC : N/R  
 Potential Media Affected : N/R  
 Restricted Use : NO  
 Site Management Req : N/R  
 Funding : School District  
 Latitude : 38.182075  
 Longitude : -122.270405  
 Agency Hyperlink : [Click here for hyperlink provided by the agency.](#)  
 Last Date in Agency List : 2022-03-21

NPDES - CA

Facility Name : Couch Property  
 Facility Address : 2 Eucalyptus Drive, American Canyon, 94503  
 County : Napa

Effective Date : 2011-10-28  
 Adoption Date : N/R  
 Expiration Date : N/R  
 Termination Date : 2012-11-28  
 Order Number : 2009-0009-DWQ  
 NPDES Number : CAS000002  
 WDID : 2 28C362311  
 RM Status : Terminated

Map Id: 43  
 Direction: ENE  
 Distance: 0.876 mi., 4628 ft.  
 Elevation: 58 ft.  
 Relative: Higher

**Site Name :** NAPA JUNCTION ELEMENTARY SCHOOL |  
 PAINT BALL JUNGLE | COUCH PROPERTY  
 2 EUCALYPTUS DRIVE  
 AMERICAN CANYON | American Canyon,  
 CA 94503

**Database(s) :** [CALEPA SITES - CA, CIWQS - CA,  
 CS\_NAPA COUNTY - CA, ENVIROSTOR -  
 CA, HAZNET - CA, HIST HAZNET - CA,  
 HWG - CA, NFA - CA, NPDES - CA, SCH -  
 CA] **(cont.)**

**EnviroSite ID:** 910471  
**EPA ID:** CAC002611534

NPDES - CA **(cont.)**

Reg Meas ID : 420898  
 Reg Meas Type : Enrollee  
 Program : Construction  
 Facility Place ID : N/R  
 Region Code : 2  
 Discharger ID : 0  
 Discharger : AMERICAN CANYON FLAT LAND COMPANY INC  
 Discharger Address : 111 East Seventh Street, Hanford, California 93230  
 Last Date in Agency List : 2015-10-08

SCH - CA

Facility Name : NAPA JUNCTION ELEMENTARY SCHOOL  
 Facility Address : 2 EUCALYPTUS DRIVE, AMERICAN CANYON, 94503  
 County : NAPA

Status Date : 2019-03-27  
 Status : NO FURTHER ACTION  
 Envirostor ID : 60002662  
 School District : NAPA VALLEY UNIFIED  
 Program Type : SCHOOL INVESTIGATION  
 Site Code : 204302  
 CalEnviroScreen Score : 60-65%  
 Latitude : 38.182075  
 Longitude : -122.270405  
 Last Date in Agency List : 2022-04-26

Map Id: 44  
 Direction: N  
 Distance: 0.902 mi., 4766 ft.  
 Elevation: N/R  
 Relative: N/R

**Site Name :** West Napa fault  
 38.201949, -122.273337  
 CA

**Database(s) :** [SEISMIC - CA]

**EnviroSite ID:** 48655148  
**EPA ID:** N/R

SEISMIC - CA

Fault ID : 36  
 Fault Age : HOL  
 Fault Source : Bryant (1982g)  
 Zone Name : West Napa fault zone  
 Line Type : solid  
 Line Value : 1  
 JEN ID : 152  
 Section Number : 36b



Map Id: 44  
Direction: N  
Distance: 0.902 mi., 4766 ft.  
Elevation: N/R  
Relative: N/R

**Site Name :** West Napa fault  
38.201949, -122.273337  
CA  
**Database(s) :** [SEISMIC - CA] **(cont.)**

**Envirosite ID:** 48655148  
**EPA ID:** N/R

SEISMIC - CA **(cont.)**

Section Name : Napa County Airport section  
Date : N/R  
Rule ID : 7  
Shape Length : 294.529583742

Map Id: 45  
Direction: ESE  
Distance: 0.921 mi., 4864 ft.  
Elevation: N/R  
Relative: N/R

**Site Name :** West Napa fault  
38.165879, -122.250932  
CA  
**Database(s) :** [SEISMIC - CA]

**Envirosite ID:** 31198830  
**EPA ID:** N/R

SEISMIC - CA

Fault ID : 36  
Fault Age : HOL  
Fault Source : Bryant (1982g)  
Zone Name : West Napa fault zone  
Line Type : solid  
Line Value : 1  
JEN ID : 152  
Section Number : 36b  
Section Name : Napa County Airport section  
Date : N/R  
Rule ID : 7  
Shape Length : 348.146057997

<u>ENVIROSITE ID</u>	<u>NAME</u>	<u>ADDRESS</u>	<u>CITY</u>	<u>ZIP</u>	<u>DATABASE(S)</u>
<u>36609301</u>	American Canyon	N/R			MINES
<u>8656726</u>	American Canyon Storm Wat...	N/R			CIWQS - CA, CIWQS 2 ...
<u>8277678</u>	LAKE BERRYESSA ESTATES IL...	EAST OF DEPUTY DRIVE AND ...	NOT APPLICABLE		ODI
<u>9998499</u>	N/R	WETLANDS EDGE RD	AMERICAN CANYON		CHMIRS - CA
<u>9015495</u>	RED ELEPHANT MINE	NW 1/4 SEC 3,T11N,R5W			HIST LDS - CA, LDS - CA
<u>44260291</u>	SITE IN AMERICAN CANYON	N/R	AMERICAN CANYON	94503	CIWQS - CA
<u>41460049</u>	VALLEJO OFFICE PARK	NORTH OF SERENO BETWEEN B...	VALLEJO	94589	CERCLIS-HIST, SEMS_8...

**FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST**

ARCHIVED RCRA TSD: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 03/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 215-814-2469
Planned Next Contact: 06/22/2022	Most Recent Contact: 03/28/2022

RCRA\_TSD: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 03/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 215-814-2469
Planned Next Contact: 06/22/2022	Most Recent Contact: 03/28/2022

**FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS**

AST PBS: Bulk petroleum terminals with a total bulk storage capacity of 50,000 barrels or more.

Agency Version Date: 05/17/2022	Agency: Department of Homeland Security
Agency Update Frequency: Quarterly	Agency Contact: 202-853-5361
Planned Next Contact: 08/11/2022	Most Recent Contact: 05/17/2022

EPA UST: Facilities listed in the EPA UST Finder database

Agency Version Date: 04/28/2022	Agency: EPA
Agency Update Frequency: Quarterly	Agency Contact: (202) 566-1667
Planned Next Contact: 07/25/2022	Most Recent Contact: 04/28/2022

FEMA UST: FEMA underground storage tank listing

Agency Version Date: 10/08/2021	Agency: FEMA
Agency Update Frequency: Varies	Agency Contact: 202-212-5283
Planned Next Contact: 06/27/2022	Most Recent Contact: 04/01/2022

HIST INDIAN UST R6: Historical Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 12/03/2021	Agency: U.S. Environmental Protection Agency Region 6
Agency Update Frequency: Semi Annually	Agency Contact: 855-246-3642
Planned Next Contact: 08/22/2022	Most Recent Contact: 05/26/2022

HIST INDIAN UST R7: Historical Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 08/10/2021	Agency: U.S. Environmental Protection Agency Region 7
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 08/08/2022	Most Recent Contact: 05/12/2022

INDIAN UST R1: Underground Storage Tanks on Indian Land in EPA Region 1

Agency Version Date: 04/15/2022	Agency: U.S. Environmental Protection Agency Region 1
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/14/2022	Most Recent Contact: 04/15/2022

INDIAN UST R10: Underground Storage Tanks on Indian Land in EPA Region 10

Agency Version Date: 05/12/2022	Agency: U.S. Environmental Protection Agency Region 10
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 08/08/2022	Most Recent Contact: 05/12/2022

**FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)**

INDIAN UST R2: Underground Storage Tanks on Indian Land in EPA Region 2

Agency Version Date: 12/07/2016	Agency: U.S. Environmental Protection Agency Region 2
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

INDIAN UST R4: Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 05/12/2022	Agency: U.S. Environmental Protection Agency Region 4
Agency Update Frequency: Semi Annually	Agency Contact: 855-246-3642
Planned Next Contact: 08/08/2022	Most Recent Contact: 05/12/2022

INDIAN UST R5: Underground Storage Tanks on Indian Land in EPA Region 5

Agency Version Date: 04/28/2022	Agency: U.S. Environmental Protection Agency Region 5
Agency Update Frequency: Varies	Agency Contact: 855-246-3642
Planned Next Contact: 07/25/2022	Most Recent Contact: 04/28/2022

INDIAN UST R6: Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 03/01/2022	Agency: U.S. Environmental Protection Agency Region 6
Agency Update Frequency: Semi Annually	Agency Contact: 855-246-3642
Planned Next Contact: 05/27/2022	Most Recent Contact: 03/01/2022

INDIAN UST R7: Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 04/28/2022	Agency: U.S. Environmental Protection Agency Region 7
Agency Update Frequency: Varies	Agency Contact: 855-246-3642
Planned Next Contact: 07/25/2022	Most Recent Contact: 04/28/2022

INDIAN UST R8: Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 04/14/2022	Agency: U.S. Environmental Protection Agency Region 8
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/11/2022	Most Recent Contact: 04/14/2022

INDIAN UST R9: Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 04/14/2022	Agency: U.S. Environmental Protection Agency Region 9
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/11/2022	Most Recent Contact: 04/14/2022

AST - CA: Listing of tank facilities that are subject to the California Aboveground Petroleum Storage Act

Agency Version Date: 03/28/2022	Agency: California Environmental Protection Agency Unified Program
Agency Update Frequency: No update	Section
Planned Next Contact: 06/23/2022	Agency Contact: 916-327-5092
	Most Recent Contact: 03/28/2022

AST\_KERN COUNTY - CA: Kern County aboveground storage tank sites

Agency Version Date: 03/15/2022	Agency: Kern County Environment Health Division
Agency Update Frequency: Quarterly	Agency Contact: 661-862-8774
Planned Next Contact: 06/13/2022	Most Recent Contact: 03/15/2022

AST\_ORANGE COUNTY - CA: Orange county aboveground storage tanks

Agency Version Date: 05/17/2022	Agency: Orange County Health Care Agency
Agency Update Frequency: Quarterly	Agency Contact: 714-433-6000
Planned Next Contact: 08/11/2022	Most Recent Contact: 05/17/2022

**FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)**

AST\_PLACER COUNTY - CA: Placer county aboveground storage tank sites

Agency Version Date: 04/20/2022	Agency: Placer County Environmental Health
Agency Update Frequency: Semi Annually	Agency Contact: 530-745-2350
Planned Next Contact: 07/18/2022	Most Recent Contact: 04/20/2022

AST\_YOLO COUNTY - CA: Yolo county above ground storage tank sites listing

Agency Version Date: 04/27/2022	Agency: Yolo County Environmental Health
Agency Update Frequency: Annually	Agency Contact: 530-666-8646
Planned Next Contact: 07/25/2022	Most Recent Contact: 04/27/2022

CLOSED UST\_VENTURA COUNTY - CA: Ventura County closed underground storage tank site listing

Agency Version Date: 04/29/2022	Agency: Environmental Health Division
Agency Update Frequency: Varies	Agency Contact: 805-654-2815
Planned Next Contact: 07/28/2022	Most Recent Contact: 04/29/2022

FID UST - CA: The State Water Resource Control Board's Facility Inventory Database underground storage tank locations listing

Agency Version Date: 03/10/2022	Agency: California Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 916-341-5791
Planned Next Contact: 06/06/2022	Most Recent Contact: 03/10/2022

HIST AST - CA: Historical listing of tank facilities that are subject to the California Aboveground Petroleum Storage Act

Agency Version Date: 07/09/2019	Agency: California Environmental Protection Agency Unified Program Section
Agency Update Frequency: Quarterly	Agency Contact: 916-327-5092
Planned Next Contact: 06/30/2022	Most Recent Contact: 04/06/2022

HIST UST - CA: Historical UST listing

Agency Version Date: 09/24/2021	Agency: State Water Resources Control Board
Agency Update Frequency: Varies	Agency Contact: 916-341-5791
Planned Next Contact: 06/16/2022	Most Recent Contact: 03/21/2022

HIST UST\_EL SEGUNDO CITY - CA: List of City of El Segundo Underground Storage Tanks that are no longer in current agency list.

Agency Version Date: 01/29/2018	Agency: City of El Segundo Fire Department
Agency Update Frequency: Annually	Agency Contact: 310-524-2242
Planned Next Contact: 06/17/2022	Most Recent Contact: 03/22/2022

HIST UST\_KERN COUNTY - CA: List of Kern County underground storage tank records that is no longer in current agency list.

Agency Version Date: 11/28/2018	Agency: Kern County Environment Health Division
Agency Update Frequency: Annually	Agency Contact: 661-862-8774
Planned Next Contact: 05/31/2022	Most Recent Contact: 03/04/2022

HIST UST\_SUTTER COUNTY - CA: List of Sutter County Underground Storage Tank records that are no longer in current agency list.

Agency Version Date: 10/22/2018	Agency: Sutter County Department of Agriculture
Agency Update Frequency: Annually	Agency Contact: 530-822-7400
Planned Next Contact: 06/30/2022	Most Recent Contact: 04/06/2022

**FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)**

TANKS\_CONTRA COSTA COUNTY - CA: Listing of aboveground storage tanks in Contra Costa County

Agency Version Date: 05/03/2022	Agency: Contra Costa Health Services Department
Agency Update Frequency: Varies	Agency Contact: 925-335-3200
Planned Next Contact: 08/01/2022	Most Recent Contact: 05/03/2022

UST - CA: Listing of active underground storage tank facilities

Agency Version Date: 03/03/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Quarterly	Agency Contact: N/R
Planned Next Contact: 05/30/2022	Most Recent Contact: 03/03/2022

UST\_ALAMEDA COUNTY - CA: Alameda County Underground Storage Tank sites

Agency Version Date: 03/03/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Varies	Agency Contact: 916-341-5791
Planned Next Contact: 05/30/2022	Most Recent Contact: 03/03/2022

UST\_CITY OF LONG BEACH - CA: City of Long Beach underground storage tank sites

Agency Version Date: 06/29/2021	Agency: City of Long Beach Fire Department
Agency Update Frequency: Quarterly	Agency Contact: 562-570-6782
Planned Next Contact: 08/03/2022	Most Recent Contact: 05/05/2022

UST\_CITY OF TORRANCE - CA: City of Torrance underground storage tank sites

Agency Version Date: 04/22/2022	Agency: City of Torrance Fire Department
Agency Update Frequency: Quarterly	Agency Contact: 310-618-2872
Planned Next Contact: 07/20/2022	Most Recent Contact: 04/22/2022

UST\_EL SEGUNDO CITY - CA: City of El Segundo Underground Storage Tanks

Agency Version Date: 01/29/2018	Agency: City of El Segundo Fire Department
Agency Update Frequency: Annually	Agency Contact: 310-524-2242
Planned Next Contact: 06/27/2022	Most Recent Contact: 03/31/2022

UST\_KERN COUNTY - CA: Kern County underground storage tank sites

Agency Version Date: 03/15/2022	Agency: Kern County Environment Health Division
Agency Update Frequency: Quarterly	Agency Contact: 661-862-8774
Planned Next Contact: 06/13/2022	Most Recent Contact: 03/15/2022

UST\_MARIN COUNTY - CA: Marin county underground storage tank sites

Agency Version Date: 08/04/2018	Agency: Marin County Department of Public Works
Agency Update Frequency: Semi Annually	Agency Contact: 415-473-5051
Planned Next Contact: 07/29/2022	Most Recent Contact: 05/02/2022

UST\_MENDOCINO COUNTY - CA: A listing of underground storage tank locations in Mendocino County

Agency Version Date: 03/03/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Varies	Agency Contact: 916-341-5791
Planned Next Contact: 05/30/2022	Most Recent Contact: 03/03/2022

UST\_NAPA COUNTY - CA: Underground storage tank sites located in Napa county.

Agency Version Date: 03/03/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Varies	Agency Contact: 916-341-5791
Planned Next Contact: 05/30/2022	Most Recent Contact: 03/03/2022



**FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)**

UST\_ORANGE COUNTY - CA: Orange county underground storage tanks

Agency Version Date: 05/10/2022	Agency: Orange County Health Care Agency
Agency Update Frequency: Quarterly	Agency Contact: 714-433-6000
Planned Next Contact: 08/05/2022	Most Recent Contact: 05/10/2022

UST\_PLACER COUNTY - CA: Placer county underground storage tank sites

Agency Version Date: 04/20/2022	Agency: Placer County Environmental Health
Agency Update Frequency: Semi Annually	Agency Contact: 530-745-2350
Planned Next Contact: 07/18/2022	Most Recent Contact: 04/20/2022

UST\_RIVERSIDE COUNTY - CA: Riverside county underground storage tank sites

Agency Version Date: 03/03/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Quarterly	Agency Contact: N/R
Planned Next Contact: 05/30/2022	Most Recent Contact: 03/03/2022

UST\_SAN FRANCISCO COUNTY - CA: San Francisco county Underground storage tank sites listing

Agency Version Date: 02/25/2022	Agency: San Francisco Department of Public Health
Agency Update Frequency: Quarterly	Agency Contact: N/R
Planned Next Contact: 08/19/2022	Most Recent Contact: 05/23/2022

UST\_SAN JOAQUIN COUNTY - CA: San Joaquin County Underground storage tank sites listing

Agency Version Date: 03/03/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Semi Annually	Agency Contact: 916-341-5791
Planned Next Contact: 05/30/2022	Most Recent Contact: 03/03/2022

UST\_SOLANO COUNTY - CA: Solano county underground storage tank listing

Agency Version Date: 03/03/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Quarterly	Agency Contact: N/R
Planned Next Contact: 05/30/2022	Most Recent Contact: 03/03/2022

UST\_SUTTER COUNTY - CA: Sutter county underground storage tank listing

Agency Version Date: 04/19/2022	Agency: Sutter County Department of Agriculture
Agency Update Frequency: Semi Annually	Agency Contact: 530-822-7400
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

UST\_YOLO COUNTY - CA: Yolo county underground storage tank sites listing

Agency Version Date: 05/02/2022	Agency: Yolo County Environmental Health
Agency Update Frequency: Annually	Agency Contact: 530-666-8646
Planned Next Contact: 07/29/2022	Most Recent Contact: 05/02/2022

**FEDERAL CERCLIS LIST**

CERCLIS NFRAP: The CERCLIS sites with No Further Remedial Action Planned from the CERCLIS program database. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 800-424-9346
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

**FEDERAL CERCLIS LIST (cont.)**

CERCLIS-HIST: The CERCLIS program database contains information on the assessment and remediation of federal hazardous waste sites. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 800-424-9346
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

EPA SAA: Listing of Sites with Superfund Alternative Approach Agreements.

Agency Version Date: 11/01/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 800-424-9346
Planned Next Contact: 07/21/2022	Most Recent Contact: 04/25/2022

FEDERAL FACILITY: Sites where Federal Facilities Restoration and Reuse Office (FFRRO) arranged cleanup for Base Closure and Property Transfer at Federal Facilities

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 703-603-8712
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

SEMS\_8R\_ACTIVE SITES: The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. NPL sites include latitude and longitude information. For non-NPL sites, a brief site status is provided.

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

SEMS\_8R\_ARCHIVED SITES: The Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

**FEDERAL RCRA CORRACTS FACILITIES LIST**

CORRACTS: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases

Agency Version Date: 03/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 202-566-1667
Planned Next Contact: 06/22/2022	Most Recent Contact: 03/28/2022

HIST CORRACTS 2: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases that are no longer in current agency list.

Agency Version Date: 10/12/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: 202-566-1667
Planned Next Contact: 08/17/2022	Most Recent Contact: 05/23/2022

**FEDERAL DELISTED NPL SITE LIST**

DELISTED NPL: National Priority List of sites that were delisted and no longer require action

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

**FEDERAL DELISTED NPL SITE LIST (cont.)**

DELISTED PROPOSED NPL: Sites that have been delisted from the proposed National Priority List

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

SEMS\_DELETED NPL: All Deleted National Priority List Sites

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

**FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS**

EPA LF MOP: Sites in the EPA Landfill Methane Outreach Program

Agency Version Date: 03/25/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 06/21/2022	Most Recent Contact: 03/25/2022

**FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS**

EPA LUST: Releases listed in the EPA UST Finder database

Agency Version Date: 04/28/2022	Agency: EPA
Agency Update Frequency: Quarterly	Agency Contact: (202) 566-1667
Planned Next Contact: 07/25/2022	Most Recent Contact: 04/28/2022

HIST INDIAN LUST R4: Historical Leaking Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 08/23/2021	Agency: U.S. Environmental Protection Agency Region 4
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 08/08/2022	Most Recent Contact: 05/12/2022

HIST INDIAN LUST R8: Historical Leaking Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 08/16/2021	Agency: U.S. Environmental Protection Agency Region 8
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/29/2022	Most Recent Contact: 05/04/2022

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land in EPA Region 1

Agency Version Date: 04/15/2022	Agency: U.S. Environmental Protection Agency Region 1
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/14/2022	Most Recent Contact: 04/15/2022

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land in EPA Region 10

Agency Version Date: 05/12/2022	Agency: U.S. Environmental Protection Agency Region 10
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 08/08/2022	Most Recent Contact: 05/12/2022

INDIAN LUST R2: Leaking Underground Storage Tanks on Indian Land in EPA Region 2

Agency Version Date: 12/07/2016	Agency: U.S. Environmental Protection Agency Region 2
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

**FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)**

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 05/12/2022	Agency: U.S. Environmental Protection Agency Region 4
Agency Update Frequency: Semi Annually	Agency Contact: 855-246-3642
Planned Next Contact: 08/08/2022	Most Recent Contact: 05/12/2022

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land in EPA Region 5

Agency Version Date: 04/28/2022	Agency: U.S. Environmental Protection Agency Region 5
Agency Update Frequency: Varies	Agency Contact: 855-246-3642
Planned Next Contact: 07/25/2022	Most Recent Contact: 04/28/2022

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 05/02/2022	Agency: U.S. Environmental Protection Agency Region 6
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/28/2022	Most Recent Contact: 05/02/2022

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 08/10/2021	Agency: U.S. Environmental Protection Agency Region 7
Agency Update Frequency: Varies	Agency Contact: 855-246-3642
Planned Next Contact: 07/25/2022	Most Recent Contact: 04/28/2022

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 05/03/2022	Agency: U.S. Environmental Protection Agency Region 8
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/29/2022	Most Recent Contact: 05/03/2022

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 04/14/2022	Agency: U.S. Environmental Protection Agency Region 9
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/11/2022	Most Recent Contact: 04/14/2022

HIST LUST\_SONOMA COUNTY - CA: List of Sonoma County leaking underground storage tank sites that is no longer in current agency list.

Agency Version Date: 08/23/2018	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Annually	Agency Contact: 916-341-5791
Planned Next Contact: 06/27/2022	Most Recent Contact: 03/31/2022

LUFT\_ALAMEDA COUNTY - CA: Listing of Alameda County leaking underground fuel tank sites

Agency Version Date: 11/18/2018	Agency: Alameda County Environmental Health Services
Agency Update Frequency: No Longer Maintained	Agency Contact: 510-567-6721
Planned Next Contact: 08/11/2022	Most Recent Contact: 05/16/2022

LUST ORANGE COUNTY - CA: Orange county leaking underground storage tanks

Agency Version Date: 07/29/2021	Agency: Orange County Health Care Agency
Agency Update Frequency: Quarterly	Agency Contact: 714-433-6000
Planned Next Contact: 07/14/2022	Most Recent Contact: 04/18/2022

**FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)**

LUST REG 1 - CA: Leaking underground storage tanks in Region 1: Del Norte Glenn Humboldt Lake Marin Mendocino Modoc Siskiyou Sonoma and Trinity counties.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

LUST REG 2 - CA: Leaking underground storage tanks in Region 2: Alameda Contra Costa San Francisco Santa Clara (north of Morgan Hill) San Mateo Marin Sonoma Napa Solano counties

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

LUST REG 3 - CA: Leaking underground storage tanks in Region 3: Santa Clara (south of Morgan Hill) San Mateo (southern part) Santa Cruz San Benito Monterey Kern (some parts) San Luis Obispo Santa Barbara Ventura (northern part) counties

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

LUST REG 4 - CA: Leaking underground storage tanks in Region 4: Los Angeles Ventura counties (Small parts of Kern and Santa Barbara counties).

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

LUST REG 5 - CA: Leaking underground storage tanks in Region 5: Modoc Shasta Lassen Plumas Butte Glen Colusa Lake Sutter Yuba Sierra Nevada Placer Yolo Napa (Northeast) Solano (West) Sacramento El Dorado Amador Calaveras San Joaquin Contra Costa (East) Stanislaus Toulumne Merced Mariposa Madera Kings Fresno Tulare Kern (Very small portions of San Benito and San Luis Obispo) counties

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

LUST REG 6 - CA: Leaking underground storage tanks in Region 6: Modoc (East) Lassen (East side and Eagle Lake) Sierra Nevada Placer El Dorado Alpine Mono Inyo Kern (East) San Bernardino Los Angeles (Northeast corner) counties

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

LUST REG 7 - CA: Leaking underground storage tanks in Region 7: Imperial San Bernardino Riverside and San Diego counties.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

LUST REG 8 - CA: Leaking underground storage tanks in Region 8: Orange Riverside San Bernardino counties.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

**FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)**

LUST REG 9 - CA: Leaking underground storage tanks in Region 9: San Diego Imperial Riverside counties.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

LUST\_HAZMAT\_YOLO COUNTY - CA: Yolo county leaking underground storage tank sites listing

Agency Version Date: 01/21/2022	Agency: Yolo County Environmental Health
Agency Update Frequency: Varies	Agency Contact: 530-666-8646
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

LUST\_KERN COUNTY - CA: Kern County leaking underground tank sites

Agency Version Date: 04/19/2022	Agency: CA Gov geotracker state water resources control bo
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

LUST\_RIVERSIDE COUNTY - CA: Riverside county leaking underground storage tank sites

Agency Version Date: 04/19/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

LUST\_SAN FRANCISCO COUNTY - CA: A listing of leaking underground storage tank sites located in San Francisco county.

Agency Version Date: 04/19/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

LUST\_SAN MATEO COUNTY - CA: San Mateo county leaking underground storage tank listing

Agency Version Date: 04/19/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

LUST\_SOLANO COUNTY - CA: Solano county leaking underground storage tank listing

Agency Version Date: 04/19/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

LUST\_SONOMA COUNTY - CA: Sonoma county leaking underground storage tank sites listing

Agency Version Date: 04/19/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

LUST\_SUTTER COUNTY - CA: Sutter County Leaking Underground Storage Tanks

Agency Version Date: 04/19/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

LUST\_VENTURA COUNTY - CA: Ventura County leaking underground storage tank site listing

Agency Version Date: 04/19/2022	Agency: CA Gov geotracker state water resources control board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022



**FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)**

SLIC REG 1 - CA: List of Region 1 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

SLIC REG 2 - CA: List of Region 2 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

SLIC REG 3 - CA: List of Region 3 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

SLIC REG 4 - CA: List of Region 4 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

SLIC REG 5 - CA: List of Region 5 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

SLIC REG 6 - CA: List of Region 6 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database that is no longer in current agency list.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

SLIC REG 7 - CA: List of Region 7 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

SLIC REG 8 - CA: List of Region 8 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

SLIC REG 9 - CA: List of Region 9 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database that is no longer in current agency list.

Agency Version Date: 04/22/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

**FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)**

SLIC\_ALAMEDA COUNTY - CA: Listing of spills leaks investigation & cleanup sites

Agency Version Date: 01/16/2019	Agency: Alameda County Environmental Health Services
Agency Update Frequency: Quarterly	Agency Contact: 510-567-6721
Planned Next Contact: 07/27/2022	Most Recent Contact: 05/02/2022

**FEDERAL ERNS LIST**

ERNS: Emergency Response Notification System records of reported spills

Agency Version Date: 04/19/2022	Agency: National Response Center United States Coast Guard
Agency Update Frequency: Annually	Agency Contact: N/R
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

**FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES**

FED E C: Federal listing of remediation sites with engineering controls

Agency Version Date: 05/20/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 800-424-9346
Planned Next Contact: 08/16/2022	Most Recent Contact: 05/20/2022

FED I C: Federal listing of remediation sites with institutional controls

Agency Version Date: 05/20/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 800-424-9346
Planned Next Contact: 08/16/2022	Most Recent Contact: 05/20/2022

RCRA IC\_EC: Sites with institutional or engineering controls related to Resource Conservation and Recovery Act

Agency Version Date: 05/03/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 215-814-2469
Planned Next Contact: 07/29/2022	Most Recent Contact: 05/03/2022

**FEDERAL RCRA GENERATORS LIST**

HIST RCRA\_CESQG: List of Resource Conservation and Recovery Act licensed conditionally exempt small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: 215-814-2469
Planned Next Contact: 08/17/2022	Most Recent Contact: 05/23/2022

HIST RCRA\_LQG: List of Resource Conservation and Recovery Act licensed large quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: 215-814-2469
Planned Next Contact: 08/17/2022	Most Recent Contact: 05/23/2022

HIST RCRA\_NONGEN: List of Resource Conservation and Recovery Act licensed non-generators that are no longer in current agency list.

Agency Version Date: 10/12/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: 215-814-2469
Planned Next Contact: 08/17/2022	Most Recent Contact: 05/23/2022

**FEDERAL RCRA GENERATORS LIST (cont.)**

HIST RCRA\_SQG: List of Resource Conservation and Recovery Act licensed small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: 215-814-2469
Planned Next Contact: 08/17/2022	Most Recent Contact: 05/23/2022

RCRA\_LQG: Resource Conservation and Recovery Act listing of licensed large quantity generators

Agency Version Date: 03/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 215-814-2469
Planned Next Contact: 06/22/2022	Most Recent Contact: 03/28/2022

RCRA\_NONGEN: Resource Conservation and Recovery Act listing of licensed non-generators

Agency Version Date: 03/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 215-814-2469
Planned Next Contact: 06/22/2022	Most Recent Contact: 03/28/2022

RCRA\_SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators

Agency Version Date: 03/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 215-814-2469
Planned Next Contact: 06/22/2022	Most Recent Contact: 03/28/2022

RCRA\_VSQG: Resource Conservation and Recovery Act listing of licensed very small quantity generators.

Agency Version Date: 03/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 215-814-2469
Planned Next Contact: 06/22/2022	Most Recent Contact: 03/28/2022

**FEDERAL NPL SITE LIST**

NPL: List of priority contaminated sites among identified releases or threatened releases of hazardous substances pollutants or contaminants nationally

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

NPL EPA R1 GIS: Geospatial data for the Environmental Protection Agency Region 1 National Priority List subject to environmental regulation

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 202-566-2132
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

NPL EPA R3 GIS: Geospatial data for the Environmental Protection Agency Region 3 National Priority List subject to environmental regulation

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 202-566-2132
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

NPL EPA R6 GIS: Geospatial data for the Environmental Protection Agency Region 6 National Priority List subject to environmental regulation

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 202-566-2132
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

**FEDERAL NPL SITE LIST (cont.)**

NPL EPA R8 GIS: Geospatial data for the Environmental Protection Agency Region 8 National Priority List subject to environmental regulation

Agency Version Date: 01/28/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/22/2022

Agency: U.S. Environmental Protection Agency  
 Agency Contact: 202-566-2132  
 Most Recent Contact: 04/26/2022

NPL EPA R9 GIS: Geospatial data for the Environmental Protection Agency Region 9 National Priority List subject to environmental regulation

Agency Version Date: 01/28/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/22/2022

Agency: U.S. Environmental Protection Agency  
 Agency Contact: 202-566-2132  
 Most Recent Contact: 04/26/2022

PART NPL: Sites that are a part of an National Priority List site referred to as the parent site

Agency Version Date: 01/28/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/22/2022

Agency: U.S. Environmental Protection Agency  
 Agency Contact: 703-603-8867  
 Most Recent Contact: 04/26/2022

PROPOSED NPL: Sites that have been proposed for the National Priority List

Agency Version Date: 01/28/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/22/2022

Agency: U.S. Environmental Protection Agency  
 Agency Contact: 703-603-8867  
 Most Recent Contact: 04/26/2022

SEMS\_FINAL NPL: All Included National Priority List Sites

Agency Version Date: 01/28/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/22/2022

Agency: U.S. Environmental Protection Agency  
 Agency Contact: 703-603-8867  
 Most Recent Contact: 04/26/2022

SEMS\_PROPOSED NPL: All Proposed National Priority List Sites

Agency Version Date: 01/28/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/22/2022

Agency: U.S. Environmental Protection Agency  
 Agency Contact: 703-603-8867  
 Most Recent Contact: 04/26/2022

**STATE- AND TRIBAL - EQUIVALENT CERCLIS**

ENVIROSTOR - CA: Department of Toxic Substances Controls

Agency Version Date: 03/21/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 06/16/2022

Agency: Department of Toxic Substances Control  
 Agency Contact: 916-327-1077  
 Most Recent Contact: 03/21/2022

HIST TOXIC PITS - CA: Listing of Toxic Pit Cleanup Act sites that are no longer in current agency list.

Agency Version Date: 10/12/2018  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/01/2022

Agency: State Water Resources Control Board  
 Agency Contact: 916-341-5810  
 Most Recent Contact: 04/06/2022

OIL & GAS CLEANUP - CA: List of SWRCB Oil & Gas Cleanup Sites from GeoTracker Site Cleanup Program database.

Agency Version Date: 04/22/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/19/2022

Agency: California Regional Water Quality Control Board  
 Agency Contact: 916-341-5791  
 Most Recent Contact: 04/22/2022

**STATE- AND TRIBAL - EQUIVALENT CERCLIS (cont.)**

SWRCB CLEANUP - CA: List of SWRCB Cleanups from Geotracker including CAF, Sampling Points, and Projects.

Agency Version Date: 04/22/2022	Agency: California Regional Water Quality Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

SWRCB NON\_CASE - CA: List of SWRCB Non-Case sites from GeoTracker Site Cleanup Program database.

Agency Version Date: 04/22/2022	Agency: California Regional Water Quality Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

TOXIC PITS - CA: Listing of Toxic Pit Cleanup Act sites

Agency Version Date: 01/10/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5810
Planned Next Contact: 07/04/2022	Most Recent Contact: 04/06/2022

**STATE- AND TRIBAL - EQUIVALENT NPL**

HIST RESPONSE - CA: List of state response sites with confirmed releases and potential high risk that are no longer in current agency list.

Agency Version Date: 10/17/2017	Agency: Department of Toxic Substances Control
Agency Update Frequency: Annually	Agency Contact: 916-327-1077
Planned Next Contact: 08/08/2022	Most Recent Contact: 05/12/2022

RESPONSE - CA: State response sites with confirmed releases and potential high risk

Agency Version Date: 03/21/2022	Agency: Department of Toxic Substances Control
Agency Update Frequency: Annually	Agency Contact: 916-327-1077
Planned Next Contact: 06/16/2022	Most Recent Contact: 03/21/2022

**STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS**

HIST SWF/LF - CA: List of Solid Waste Information System's solid waste facilities and landfills that is no longer in current agency list.

Agency Version Date: 03/05/2018	Agency: Department of Resources Recycling and Recovery
Agency Update Frequency: Annually	Agency Contact: 916-341-6066
Planned Next Contact: 08/04/2022	Most Recent Contact: 05/09/2022

SWF/LF - CA: Solid Waste Information System's facility listing of solid waste facilities and landfills

Agency Version Date: 03/10/2022	Agency: Department of Resources Recycling and Recovery
Agency Update Frequency: Quarterly	Agency Contact: 916-341-6066
Planned Next Contact: 06/06/2022	Most Recent Contact: 03/10/2022

**STATE RCRA GENERATORS LIST**

HWG - CA: Hazardous waste generator listing

Agency Version Date: 03/18/2022	Agency: Department of Toxic Substances Control
Agency Update Frequency: Quarterly	Agency Contact: N/R
Planned Next Contact: 06/14/2022	Most Recent Contact: 03/18/2022

**STATE RCRA GENERATORS LIST (cont.)**

HWG\_YOLO COUNTY - CA: Listing of permitted hazardous waste generators

Agency Version Date: 01/21/2022	Agency: Yolo County Environmental Health
Agency Update Frequency: Quarterly	Agency Contact: 530-666-8646
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

**STATE AND TRIBAL BROWNFIELD SITES**

TRIBAL BROWNFIELDS: Tribal brownfield remediation site listing

Agency Version Date: 02/10/2017	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: No Longer Maintained	Agency Contact: 855-246-3642
Planned Next Contact: 06/10/2022	Most Recent Contact: 03/16/2022

**STATE AND TRIBAL VOLUNTARY CLEANUP SITES**

VCP - CA: Voluntary Cleanup Program remediation sites listing

Agency Version Date: 03/21/2022	Agency: Department of Toxic Substances Control
Agency Update Frequency: Quarterly	Agency Contact: 916-322-2861
Planned Next Contact: 06/16/2022	Most Recent Contact: 03/21/2022

**LOCAL BROWNFIELD LISTS**

BROWNFIELDS-ACRES: EPA Brownfields Assessment, Cleanup and Redevelopment Exchange System.

Agency Version Date: 09/17/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 06/06/2022	Most Recent Contact: 03/10/2022

FED BROWNFIELDS: Federal brownfield remediation sites

Agency Version Date: 01/24/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Semi Annually	Agency Contact: 855-246-3642
Planned Next Contact: 07/18/2022	Most Recent Contact: 04/21/2022

**LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES**

FED CDL: The U.S. Department of Justice listing of clandestine drug lab locations

Agency Version Date: 04/11/2022	Agency: U.S. Department of Justice
Agency Update Frequency: Quarterly	Agency Contact: 202-307-7610
Planned Next Contact: 07/07/2022	Most Recent Contact: 04/11/2022

US HIST CDL: The U.S. Department of Justice historical listing of clandestine drug lab locations

Agency Version Date: 08/05/2019	Agency: U.S. Department of Justice
Agency Update Frequency: Quarterly	Agency Contact: 202-307-7610
Planned Next Contact: 08/11/2022	Most Recent Contact: 05/16/2022

CALARP\_KERN COUNTY - CA: Kern County hazardous material permitted facilities

Agency Version Date: 02/24/2022	Agency: County of Kern Public Health Services Department
Agency Update Frequency: Varies	Agency Contact: 661-862-8740
Planned Next Contact: 08/18/2022	Most Recent Contact: 05/23/2022



**LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES (cont.)**

CASE LIST\_SAN DIEGO COUNTY - CA: San Diego county listing of hazardous chemical releases

Agency Version Date: 04/22/2022	Agency: County of San Diego Department of Environmental Health
Agency Update Frequency: Varies	Agency Contact: 619-338-2259
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

CDL - CA: Listing of Meth and clandestine drug labs maintained by the Department of Toxic Substances Control

Agency Version Date: 07/30/2020	Agency: Department of Toxic Substances Control
Agency Update Frequency: Varies	Agency Contact: 916-322-2861
Planned Next Contact: 07/01/2022	Most Recent Contact: 04/05/2022

CORRECTIVE ACTION\_RIVERSIDE COUNTY - CA: Riverside county corrective action sites list

Agency Version Date: 11/15/2017	Agency: Riverside County Environmental Health
Agency Update Frequency: No Longer Maintained	Agency Contact: 888-722-4234
Planned Next Contact: 06/09/2022	Most Recent Contact: 03/15/2022

CS\_NAPA COUNTY - CA: Napa county listing of Contaminated sites

Agency Version Date: 04/26/2022	Agency: Napa County Department of Environmental Management
Agency Update Frequency: Varies	Agency Contact: 707-253-4471
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

CS\_PLACER COUNTY - CA: Placer county cleanup sites listing

Agency Version Date: 04/20/2022	Agency: Placer County Environmental Health
Agency Update Frequency: Semi Annually	Agency Contact: 530-745-2350
Planned Next Contact: 07/18/2022	Most Recent Contact: 04/20/2022

SCH - CA: Listing of possible hazardous material contamination sites on existing school properties

Agency Version Date: 04/22/2022	Agency: Department of Toxic Substances Control
Agency Update Frequency: Varies	Agency Contact: 916-322-2861
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/22/2022

SITE LIST\_CONTRA COSTA COUNTY - CA: Listing of underground tank hazardous waste generator and business plan sites in Contra Costa County

Agency Version Date: 05/03/2022	Agency: Contra Costa Health Services Department
Agency Update Frequency: Varies	Agency Contact: 925-335-3200
Planned Next Contact: 08/01/2022	Most Recent Contact: 05/03/2022

TOXIC SITE\_SACRAMENTO COUNTY - CA: Sacramento County listing of historical sites where unauthorized releases of potentially hazardous materials have occurred

Agency Version Date: 08/24/2021	Agency: Sacramento County Environmental Management
Agency Update Frequency: No Longer Maintained	Agency Contact: 916-875-8550
Planned Next Contact: 08/08/2022	Most Recent Contact: 05/12/2022

**RECORDS OF EMERGENCY RELEASE REPORTS**

HMIRS (DOT): Hazardous Material spills reported by the Department of Transportation

Agency Version Date: 03/18/2022	Agency: U.S. Department of Transportation
Agency Update Frequency: Varies	Agency Contact: (202) 366-4996
Planned Next Contact: 06/14/2022	Most Recent Contact: 03/18/2022

**RECORDS OF EMERGENCY RELEASE REPORTS (cont.)**

CHMIRS - CA: California Hazardous Material Incident Reporting System's reported accidental hazardous material incidents releases or spills

Agency Version Date: 04/08/2022  
 Agency Update Frequency: Varies  
 Planned Next Contact: 07/05/2022

Agency: California Emergency Management Agency  
 Agency Contact: 916-845-8275  
 Most Recent Contact: 04/08/2022

HIST CHMIRS - CA: California Hazardous Material Incident Reporting System's reported accidental hazardous material incidents releases or spills

Agency Version Date: 04/06/2017  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 08/04/2022

Agency: California Emergency Management Agency  
 Agency Contact: 916-845-8275  
 Most Recent Contact: 05/09/2022

INDUSTRIAL CLEANUP\_ORANGE COUNTY - CA: Petroleum and non-petroleum industrial spills

Agency Version Date: 02/23/2022  
 Agency Update Frequency: Annually  
 Planned Next Contact: 08/18/2022

Agency: Orange County Health Care Agency  
 Agency Contact: 714-433-6000  
 Most Recent Contact: 05/23/2022

SML\_LOS ANGELES COUNTY - CA: Listing of all Emergency Response session spills

Agency Version Date: 07/12/2017  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/19/2022

Agency: Los Angeles Department of Public Health  
 Agency Contact: 323-890-7808  
 Most Recent Contact: 04/22/2022

**LOCAL LAND RECORDS**

LIENS 2: Comprehensive Environmental Response Compensation and Liability Act sites with liens

Agency Version Date: 05/11/2017  
 Agency Update Frequency: No Longer Maintained  
 Planned Next Contact: 06/13/2022

Agency: U.S. Environmental Protection Agency  
 Agency Contact: 800-424-9346  
 Most Recent Contact: 03/16/2022

DEED - CA: The Department of Toxic Substances Control's listing of property locations with Deed restrictions

Agency Version Date: 04/25/2022  
 Agency Update Frequency: Semi Annually  
 Planned Next Contact: 07/21/2022

Agency: Department of Toxic Substances Control  
 Agency Contact: 916-341-5791  
 Most Recent Contact: 04/25/2022

HIST LIENS - CA: The Department of Toxic Substances Control's listing of property locations with environmental liens that is no longer in current agency list.

Agency Version Date: 12/04/2018  
 Agency Update Frequency: Annually  
 Planned Next Contact: 08/02/2022

Agency: Department of Toxic Substances Control  
 Agency Contact: 916-322-2861  
 Most Recent Contact: 05/06/2022

LIENS - CA: The Department of Toxic Substances Control's listing of property locations with environmental liens

Agency Version Date: 03/09/2022  
 Agency Update Frequency: Varies  
 Planned Next Contact: 06/06/2022

Agency: Department of Toxic Substances Control  
 Agency Contact: 916-322-2861  
 Most Recent Contact: 03/09/2022

**LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES**

HIST INDIAN ODI R8: List of Region 8 Indian land open dump inventory sites maintained within the STARS program that is no longer in current agency list.

Agency Version Date: 11/12/2018	Agency: Indian Health Service
Agency Update Frequency: Annually	Agency Contact: 855-246-3642
Planned Next Contact: 07/04/2022	Most Recent Contact: 04/07/2022

INDIAN ODI R8: Region 8 Indian land open dump inventory sites maintained within the STARS program

Agency Version Date: 01/28/2022	Agency: Indian Health Service
Agency Update Frequency: Varies	Agency Contact: 855-246-3642
Planned Next Contact: 07/21/2022	Most Recent Contact: 04/26/2022

ODI: Open dump inventory sites

Agency Version Date: 10/03/2017	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: No Update	Agency Contact: 855-246-3642
Planned Next Contact: 08/05/2022	Most Recent Contact: 05/10/2022

TRIBAL ODI: Indian land open dump inventory for all regions

Agency Version Date: 05/19/2022	Agency: Indian Health Service
Agency Update Frequency: Varies	Agency Contact: 301-443-3593
Planned Next Contact: 08/15/2022	Most Recent Contact: 05/19/2022

HAULERS - CA: Waste Tire Manifest Program Hauler Registration listing

Agency Version Date: 03/25/2022	Agency: California Department of Resources Recycling and Recovery (CalRecycle)
Agency Update Frequency: Varies	Agency Contact: 916-341-6066
Planned Next Contact: 06/21/2022	Most Recent Contact: 03/25/2022

LF\_SAN DIEGO COUNTY - CA: San Diego county landfill listing

Agency Version Date: 04/22/2022	Agency: County of San Diego Department of Environmental Health
Agency Update Frequency: Varies	Agency Contact: 858-694-2801
Planned Next Contact: 07/20/2022	Most Recent Contact: 04/22/2022

SWF\_LOS ANGELES COUNTY - CA: Listing of Los Angeles County solid waste facilities

Agency Version Date: 02/23/2022	Agency: LA County Department of Public Works
Agency Update Frequency: Varies	Agency Contact: 800-320-1771
Planned Next Contact: 08/16/2022	Most Recent Contact: 05/20/2022

SWRCY - CA: Listing of facilities which perform recycled material processing activities

Agency Version Date: 05/12/2022	Agency: California Department of Resources Recycling and Recovery (CalRecycle)
Agency Update Frequency: Quarterly	Agency Contact: 916-341-6066
Planned Next Contact: 08/08/2022	Most Recent Contact: 05/12/2022

**OTHER ASCERTAINABLE RECORDS**

AFS: Air Facility Systems Quarterly Extract

Agency Version Date: 04/28/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: (202) 566-1667
Planned Next Contact: 07/25/2022	Most Recent Contact: 04/28/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

ALT FUELING: Alternative Fueling Stations by fuel type.

Agency Version Date: 03/25/2022	Agency: U.S. Department of Energy
Agency Update Frequency: Quarterly	Agency Contact: N/R
Planned Next Contact: 06/21/2022	Most Recent Contact: 03/25/2022

ARENAS: List of Arenas and Sport Venues

Agency Version Date: 05/13/2022	Agency: DHS Homeland Infrastructure Foundation
Agency Update Frequency: Varies	Agency Contact: N/R
Planned Next Contact: 08/09/2022	Most Recent Contact: 05/13/2022

ARENAS 2: List of Convention Centers and Fairgrounds

Agency Version Date: 05/13/2022	Agency: DHS Homeland Infrastructure Foundation
Agency Update Frequency: Varies	Agency Contact: N/R
Planned Next Contact: 08/09/2022	Most Recent Contact: 05/13/2022

BRS: Reporting of hazardous waste generation and management from large quantity generators

Agency Version Date: 03/28/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Biennial	Agency Contact: (202) 566-1667
Planned Next Contact: 06/22/2022	Most Recent Contact: 03/28/2022

CDC HAZDAT: The Agency for Toxic Substances and Disease Registry's Hazardous Substance Release/Health Effects Database.

Agency Version Date: 01/28/2022	Agency: Agency for Toxic Substances and Disease Registry
Agency Update Frequency: Varies	Agency Contact: 770-488-6399
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

CHURCHES: List of places of worship

Agency Version Date: 05/16/2022	Agency: DHS Homeland Infrastructure Foundation
Agency Update Frequency: Varies	Agency Contact: N/R
Planned Next Contact: 08/11/2022	Most Recent Contact: 05/16/2022

COAL ASH DOE: List of existing and planned generators with 1 megawatt or greater of combined capacity that are utilizing coal ash impoundments.

Agency Version Date: 03/22/2022	Agency: Department of Energy
Agency Update Frequency: Varies	Agency Contact: (202) 586-8800
Planned Next Contact: 06/16/2022	Most Recent Contact: 03/22/2022

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Agency Version Date: 02/18/2021	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (202) 566-1667
Planned Next Contact: 07/28/2022	Most Recent Contact: 04/29/2022

COAL GAS: Manufactured Gas Plant locations

Agency Version Date: 04/05/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/01/2022	Most Recent Contact: 04/04/2022

COLLEGES: List of major Universities & Colleges

Agency Version Date: 04/15/2022	Agency: DHS Homeland Infrastructure Foundation
Agency Update Frequency: Varies	Agency Contact: N/R
Planned Next Contact: 07/13/2022	Most Recent Contact: 04/15/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

COLLEGES 2: List of Universities & Colleges

Agency Version Date: 04/18/2022	Agency: DHS Homeland Infrastructure Foundation
Agency Update Frequency: Varies	Agency Contact: N/R
Planned Next Contact: 07/14/2022	Most Recent Contact: 04/18/2022

CONSENT (DECREES): Legal decisions regarding responsibility for Superfund locations

Agency Version Date: 01/28/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (800) 424-9346
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

CORRECTIVE ACTIONS 2020: In 2009 the EPA created the 2020 Corrective Action Baseline list of contaminated or potentially contaminated sites with a cleanup goal to complete 95% by the year 2020. The names on the list indicate the facility owners who may or may not have caused the contamination.

Agency Version Date: 12/21/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: No Longer Maintained	Agency Contact: N/R
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

DEBRIS EPA LF: EPA list of designated landfill facilities for the safe disposal of disaster debris.

Agency Version Date: 04/12/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/08/2022	Most Recent Contact: 04/12/2022

DEBRIS EPA SWRCY: EPA list of facilities for the safe recovery, recycling, and disposal of disaster debris.

Agency Version Date: 04/12/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 855-246-3642
Planned Next Contact: 07/08/2022	Most Recent Contact: 04/12/2022

DOD: Department of Defense sites from the Protected Areas Database (PAD-US)

Agency Version Date: 01/28/2022	Agency: United States Geologic Survey (USGS)
Agency Update Frequency: Varies	Agency Contact: 1-888-275-8747
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

DOT OPS: Incident Data Report

Agency Version Date: 05/12/2022	Agency: U.S. Department of Transportation
Agency Update Frequency: Varies	Agency Contact: (202) 366-4996
Planned Next Contact: 08/08/2022	Most Recent Contact: 05/12/2022

ECHO: ECHO is EPA Enforcement and Compliance History Online website to search for facilities in your community to assess their compliance with environmental regulations related to CAA, CWA, RCRA, & SDWA.

Agency Version Date: 03/22/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 202-566-1667
Planned Next Contact: 06/16/2022	Most Recent Contact: 03/22/2022

ENOI: The Electronic Notice of Intent (eNOI) database contains construction sites and industrial facilities that submit permit requests to EPA for Construction General Permits (CGP) and Multi-Sector General Permits (MSGP).

Agency Version Date: 03/19/2021	Agency: Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: (202) 566-1667
Planned Next Contact: 06/02/2022	Most Recent Contact: 03/08/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

EPA FUELS: List of companies and facilities registered to participate in EPA Fuel Programs under Title 40 CFR Part 80.

Agency Version Date: 05/03/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: (202) 564-2307
Planned Next Contact: 07/28/2022	Most Recent Contact: 05/03/2022

EPA OSC: Listing of oil spills and hazardous substance release sites requiring EPA On-Site Coordinators.

Agency Version Date: 03/17/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: (202) 564-2307
Planned Next Contact: 06/13/2022	Most Recent Contact: 03/17/2022

EPA WATCH: The EPA Watch List was used 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. EPA maintained the lists from 2011 - 2013.

Agency Version Date: 02/09/2018	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: No Longer Maintained	Agency Contact: (202) 564-2307
Planned Next Contact: 06/13/2022	Most Recent Contact: 03/16/2022

FA HWF: Hazardous Waste Facilities with Financial Assurance

Agency Version Date: 04/04/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (800) 424-9346
Planned Next Contact: 06/30/2022	Most Recent Contact: 04/04/2022

FEDLAND: Federal Lands from the Protected Areas Database (PAD-US)

Agency Version Date: 01/28/2022	Agency: United States Geologic Survey (USGS)
Agency Update Frequency: Varies	Agency Contact: 1-888-275-8747
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

FRS: Facility Registry Systems

Agency Version Date: 05/06/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (202) 566-1667
Planned Next Contact: 08/02/2022	Most Recent Contact: 05/06/2022

FTTS: Tracking of administrative and enforcement activities related to FIFRA/TSCA

Agency Version Date: 04/06/2013	Agency: Environmental Protection Agency
Agency Update Frequency: No Longer Maintained	Agency Contact: (202) 564-2280
Planned Next Contact: 06/28/2022	Most Recent Contact: 04/01/2022

FTTS INSP: Tracking of inspections related to FIFRA/TSCA

Agency Version Date: 05/08/2017	Agency: Environmental Protection Agency
Agency Update Frequency: No Longer Maintained	Agency Contact: (202) 564-2280
Planned Next Contact: 06/21/2022	Most Recent Contact: 03/25/2022

FUDS: Defense sites that require cleanup

Agency Version Date: 05/05/2022	Agency: US Army Corps of Engineering
Agency Update Frequency: Varies	Agency Contact: (202) 761-0011
Planned Next Contact: 08/01/2022	Most Recent Contact: 05/05/2022



**OTHER ASCERTAINABLE RECORDS (cont.)**

GOV MANSIONS: List of Governors Mansions

Agency Version Date: 05/13/2022  
 Agency Update Frequency: Varies  
 Planned Next Contact: 08/09/2022

Agency: DHS Homeland Infrastructure Foundation  
 Agency Contact: N/R  
 Most Recent Contact: 05/13/2022

HIST AFS: List of Air Facility Systems Quarterly Extract that are no longer in current agency list.

Agency Version Date: 06/14/2019  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 06/10/2022

Agency: Environmental Protection Agency  
 Agency Contact: (202) 566-1667  
 Most Recent Contact: 03/16/2022

HIST AFS 2: List of Air Facility Systems Quarterly Extract that are no longer in current agency list.

Agency Version Date: 11/26/2018  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/11/2022

Agency: Environmental Protection Agency  
 Agency Contact: (202) 566-1667  
 Most Recent Contact: 04/14/2022

HIST DOD: Department of Defense historical sites

Agency Version Date: 01/28/2022  
 Agency Update Frequency: No Longer Maintained  
 Planned Next Contact: 07/22/2022

Agency: Environmental Protection Agency  
 Agency Contact: (800) 424-9346  
 Most Recent Contact: 04/26/2022

HIST LEAD\_SMELTER: List of former lead smelter sites that is no longer in current agency list.

Agency Version Date: 12/12/2018  
 Agency Update Frequency: Annually  
 Planned Next Contact: 06/28/2022

Agency: Environmental Protection Agency  
 Agency Contact: (202) 566-1667  
 Most Recent Contact: 04/01/2022

HIST MLTS: List of sites in possession/use of radioactive materials regulated by NRC that is no longer in current agency list.

Agency Version Date: 07/13/2016  
 Agency Update Frequency: Annually  
 Planned Next Contact: 07/07/2022

Agency: Nuclear Regulatory Commission  
 Agency Contact: (800) 397-4209  
 Most Recent Contact: 04/11/2022

HIST PCB TRANS: List of PCB Disposal Facilities that are no longer in current agency list.

Agency Version Date: 01/18/2018  
 Agency Update Frequency: No Update  
 Planned Next Contact: 07/28/2022

Agency: Environmental Protection Agency  
 Agency Contact: (703) 308-8404  
 Most Recent Contact: 05/03/2022

HIST PCS ENF: List of permitted facilities to discharge wastewater (Federal equivalent to NPDES) that are no longer in current agency list.

Agency Version Date: 12/08/2018  
 Agency Update Frequency: Annually  
 Planned Next Contact: 08/11/2022

Agency: Environmental Protection Agency  
 Agency Contact: (202) 564-6582  
 Most Recent Contact: 05/17/2022

HIST PCS FACILITY: List of Permitted facilities to discharge wastewater (Federal equivalent to NPDES) that are no longer in current agency list.

Agency Version Date: 12/18/2018  
 Agency Update Frequency: Annually  
 Planned Next Contact: 08/11/2022

Agency: Environmental Protection Agency  
 Agency Contact: (202) 564-6582  
 Most Recent Contact: 05/17/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

HIST SSTS: List of tracking of facilities who produce pesticides and their quantity that are no longer in current agency list.

Agency Version Date: 02/13/2019	Agency: Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: (202) 566-1667
Planned Next Contact: 07/29/2022	Most Recent Contact: 05/05/2022

HOSPITALS: List of major Hospitals

Agency Version Date: 04/15/2022	Agency: DHS Homeland Infrastructure Foundation
Agency Update Frequency: Varies	Agency Contact: N/R
Planned Next Contact: 07/13/2022	Most Recent Contact: 04/15/2022

HWC DOCKET: Listing of Federal facilities which are managing or have managed hazardous waste; or have had a release of hazardous waste.

Agency Version Date: 11/09/2021	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: (202) 564-2307
Planned Next Contact: 07/29/2022	Most Recent Contact: 05/03/2022

ICIS: Comprised of all Federal Administrative and Judicial enforcement information [intended to replace PCS] by tracking enforcement and compliance information (also contains what used to be known as FFTS)

Agency Version Date: 03/25/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (202) 566-1667
Planned Next Contact: 06/21/2022	Most Recent Contact: 03/25/2022

INACTIVE PCS: Inactive Permitted facilities to discharge wastewater

Agency Version Date: 03/25/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (202) 564-6582
Planned Next Contact: 06/21/2022	Most Recent Contact: 03/25/2022

INDIAN RESERVATION: American Indian Lands from the Protected Areas Database (PAD-US)

Agency Version Date: 01/28/2022	Agency: United States Geologic Survey (USGS)
Agency Update Frequency: Varies	Agency Contact: 1-888-275-8747
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

LUCIS: Land Use Control Information Systems

Agency Version Date: 03/18/2022	Agency: Department of the Navy: BRAC PMO
Agency Update Frequency: Quarterly	Agency Contact: (619) 532-0900
Planned Next Contact: 06/16/2022	Most Recent Contact: 03/18/2022

LUCIS 2: Land Use Control Information Systems

Agency Version Date: 01/17/2018	Agency: Department of the Navy: BRAC PMO
Agency Update Frequency: No Longer Maintained	Agency Contact: (619) 532-0900
Planned Next Contact: 07/28/2022	Most Recent Contact: 05/03/2022

MANIFEST EPA: EPA Hazardous Waste Electronic Manifest System (e-Manifest)

Agency Version Date: 02/08/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: (202) 566-1667
Planned Next Contact: 08/02/2022	Most Recent Contact: 05/06/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

MINE OPERATIONS: Mine plants and operations for commodities monitored by the National Minerals Information Center of the USGS

Agency Version Date: 05/10/2022	Agency: USGS Mineral Resources Program
Agency Update Frequency: Varies	Agency Contact: (703) 648-5953
Planned Next Contact: 08/05/2022	Most Recent Contact: 05/10/2022

MINES: Mines Master Index Files

Agency Version Date: 03/28/2022	Agency: Department of Labor
Agency Update Frequency: Varies	Agency Contact: (202) 693-9400
Planned Next Contact: 06/23/2022	Most Recent Contact: 03/28/2022

MINES USGS: Listing of all active mines and mineral plants in 2003

Agency Version Date: 05/10/2022	Agency: USGS Mineral Resources Program
Agency Update Frequency: Varies	Agency Contact: (703) 648-5953
Planned Next Contact: 08/05/2022	Most Recent Contact: 05/10/2022

MLTS: Sites in possession/use of radioactive materials regulated by NRC

Agency Version Date: 01/21/2022	Agency: Nuclear Regulatory Commission
Agency Update Frequency: Varies	Agency Contact: (800) 397-4209
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

NPL AOC: Areas of Concern related to NPL remediation sites

Agency Version Date: 01/28/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: N/R
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

NPL LIENS: National Priority List of sites with Liens

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 703-603-8867
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

NURSING HOMES: List of Nursing Homes

Agency Version Date: 04/12/2022	Agency: DHS Homeland Infrastructure Foundation
Agency Update Frequency: Varies	Agency Contact: N/R
Planned Next Contact: 07/08/2022	Most Recent Contact: 04/12/2022

OSHA: OSHA's listing of inspections violations and fatality information

Agency Version Date: 03/24/2022	Agency: Occupational Safety & Health Administration
Agency Update Frequency: Varies	Agency Contact: 800-321-6742
Planned Next Contact: 06/20/2022	Most Recent Contact: 03/24/2022

PADS: Listing of generators transporters commercial store/ brokers and disposers of PCB

Agency Version Date: 04/26/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (703) 308-8404
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

PCB TRANSFORMER: Disposal and Storage of Polychlorinated Biphenyl (PCB) Waste

Agency Version Date: 02/11/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: (703) 308-8404
Planned Next Contact: 08/05/2022	Most Recent Contact: 05/10/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

PCS ENF: Permitted facilities to discharge wastewater (Federal equivalent to NPDES)

Agency Version Date: 03/25/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (202) 564-6582
Planned Next Contact: 06/21/2022	Most Recent Contact: 03/25/2022

PCS FACILITY: Permitted facilities to discharge wastewater (Federal equivalent to NPDES)

Agency Version Date: 03/25/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (202) 564-6582
Planned Next Contact: 06/21/2022	Most Recent Contact: 03/25/2022

PFAS NPL: List of NPL sites with PFAS or PFOA contamination

Agency Version Date: 04/29/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 07/26/2022	Most Recent Contact: 04/29/2022

PFAS TRIS: List of TRIS sites where PFAS or PFOA are used/manufactured/ treated/ transported/released.

Agency Version Date: 03/25/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (202) 566-1667
Planned Next Contact: 06/21/2022	Most Recent Contact: 03/25/2022

PFAS UCMR3: List of PWS wells sampled for Unregulated Contaminant Monitoring Rule (UCMR)

Agency Version Date: 03/08/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Quarterly	Agency Contact: 703-603-8867
Planned Next Contact: 06/02/2022	Most Recent Contact: 03/08/2022

RAATS: Listing of major violators with enforcement actions issued under RCRA. Includes administrative and civil actions filed by the EPA. This dataset is no longer maintained.

Agency Version Date: 09/23/2019	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (202) 566-1667
Planned Next Contact: 07/14/2022	Most Recent Contact: 04/18/2022

RADINFO: EPA regulated facilities with radiation and radioactive materials

Agency Version Date: 08/01/2019	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (202) 566-1667
Planned Next Contact: 06/30/2022	Most Recent Contact: 04/06/2022

RMP: Facilities producing/handling/ process/ distribute/ store specific chemicals report plans required by the Clean Air Act

Agency Version Date: 04/01/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Monthly	Agency Contact: (202) 564-2534
Planned Next Contact: 06/28/2022	Most Recent Contact: 04/01/2022

ROD: Permanent remedy at an NPL site

Agency Version Date: 01/28/2022	Agency: Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: (800) 424-9346
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

SCHOOLS PRIVATE: List of Private Schools

Agency Version Date: 04/15/2022	Agency: DHS Homeland Infrastructure Foundation
Agency Update Frequency: Varies	Agency Contact: N/R
Planned Next Contact: 07/13/2022	Most Recent Contact: 04/15/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

SCHOOLS PUBLIC: List of Public Schools

Agency Version Date: 04/15/2022  
 Agency Update Frequency: Varies  
 Planned Next Contact: 07/13/2022

Agency: DHS Homeland Infrastructure Foundation  
 Agency Contact: N/R  
 Most Recent Contact: 04/15/2022

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners

Agency Version Date: 03/02/2022  
 Agency Update Frequency: No Update  
 Planned Next Contact: 05/27/2022

Agency: Environmental Protection Agency  
 Agency Contact: (202) 566-1667  
 Most Recent Contact: 03/02/2022

SEMS\_SMELTER: This report includes sites that have smelting-related, or potentially smelting-related, indicators in the SEMS database. The report includes information on the site location as well as contaminants of concern.

Agency Version Date: 01/28/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/22/2022

Agency: U.S. Environmental Protection Agency  
 Agency Contact: 703-603-8867  
 Most Recent Contact: 04/26/2022

SSTS: Tracking of facilities who produce pesticides and their quantity

Agency Version Date: 03/08/2022  
 Agency Update Frequency: Annually  
 Planned Next Contact: 06/02/2022

Agency: Environmental Protection Agency  
 Agency Contact: (202) 566-1667  
 Most Recent Contact: 03/08/2022

STORMWATER: Permitted storm water sites

Agency Version Date: 03/18/2022  
 Agency Update Frequency: Varies  
 Planned Next Contact: 06/14/2022

Agency: Environmental Protection Agency  
 Agency Contact: (202) 566-1667  
 Most Recent Contact: 03/18/2022

TOSCA-PLANT: Plants controlled by the Toxic Substance Control Act

Agency Version Date: 03/14/2022  
 Agency Update Frequency: Varies  
 Planned Next Contact: 06/09/2022

Agency: Environmental Protection Agency  
 Agency Contact: (202) 566-1667  
 Most Recent Contact: 03/14/2022

TRIS: Information regarding toxic chemicals that are being used/manufactured/ treated/ transported/released into the environment

Agency Version Date: 03/25/2022  
 Agency Update Frequency: Varies  
 Planned Next Contact: 06/21/2022

Agency: Environmental Protection Agency  
 Agency Contact: (202) 566-1667  
 Most Recent Contact: 03/25/2022

UMTRA: Uranium Recovery Sites

Agency Version Date: 03/25/2022  
 Agency Update Frequency: Varies  
 Planned Next Contact: 06/21/2022

Agency: United States Nuclear Regulatory Commission  
 Agency Contact: (301) 415-8200  
 Most Recent Contact: 03/25/2022

VAPOR: EPA Vapor Intrusion Database

Agency Version Date: 03/19/2021  
 Agency Update Frequency: Varies  
 Planned Next Contact: 06/03/2022

Agency: U.S. Environmental Protection Agency  
 Agency Contact: 855-246-3642  
 Most Recent Contact: 03/08/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

AOC\_SAN GABRIEL VALLEY - CA: San Gabriel Valley Superfund sites

Agency Version Date: 01/28/2022	Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies	Agency Contact: 415-972-3181
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/26/2022

BOND EXPENDITURE PLAN - CA: Hazardous Substance Cleanup Bond Act of 1984 Article 7.5 of Health and Safety Code 25385 listing of orphan sites

Agency Version Date: 03/21/2022	Agency: Department of Toxic Substance Control
Agency Update Frequency: Quarterly	Agency Contact: 916-322-2861
Planned Next Contact: 06/16/2022	Most Recent Contact: 03/21/2022

BP HW OUT\_VENTURA COUNTY - CA: Ventura County Business Plan Hazardous Waste Producers and Operating Underground Tanks

Agency Version Date: 05/06/2022	Agency: Ventura County Environmental Health Division
Agency Update Frequency: Quarterly	Agency Contact: 805-654-2815
Planned Next Contact: 08/02/2022	Most Recent Contact: 05/06/2022

BUSINESS INVENTORY\_SAN MATEO COUNTY - CA: San Mateo County listing of underground storage tanks, hazardous materials, business plans, and hazardous waste generators

Agency Version Date: 04/04/2022	Agency: San Mateo County Environmental Health Services Division
Agency Update Frequency: Annually	Agency Contact: 650-372-6200
Planned Next Contact: 06/29/2022	Most Recent Contact: 04/04/2022

CALEPA SITES - CA: CalEPA Regulated Sites from the Certified Unified Program Agencies (CUPA).

Agency Version Date: 03/29/2022	Agency: California Environmental Protection Agency Unified Program Section
Agency Update Frequency: Quarterly	Agency Contact: 916-327-5092
Planned Next Contact: 06/24/2022	Most Recent Contact: 03/29/2022

CIWQS - CA: California Integrated Water Quality System database facilities listing which includes owner information, violations, inspections, and other regulatory matters

Agency Version Date: 03/18/2022	Agency: CA State Water Resources Control Board
Agency Update Frequency: Varies	Agency Contact: 916-341-5791
Planned Next Contact: 06/14/2022	Most Recent Contact: 03/18/2022

CIWQS 2 - CA: California Integrated Water Quality System database facilities listing which includes owner information violations inspections and other regulatory matters

Agency Version Date: 04/06/2022	Agency: CA State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5791
Planned Next Contact: 07/04/2022	Most Recent Contact: 04/06/2022

CORTESE - CA: Compliance document used in providing information about the location of hazardous material release sites utilized by the state local agencies and developers

Agency Version Date: 03/21/2022	Agency: Department of Toxic Substance Control
Agency Update Frequency: Quarterly	Agency Contact: 916-322-2861
Planned Next Contact: 06/16/2022	Most Recent Contact: 03/21/2022

CUPA\_BUTTE COUNTY - CA: Listing of the Butte County Certified Unified Program Agency`s hazardous material program sites

Agency Version Date: 03/19/2018	Agency: Butte County Environmental Health
Agency Update Frequency: No Longer Maintained	Agency Contact: 530.538.7281
Planned Next Contact: 08/17/2022	Most Recent Contact: 05/23/2022



**OTHER ASCERTAINABLE RECORDS (cont.)**

CUPA\_FRESNO COUNTY - CA: Listing of the Fresno County Certified Unified Program Agency's hazardous material program sites

Agency Version Date: 03/25/2022	Agency: Fresno County Department of Public Health
Agency Update Frequency: Quarterly	Agency Contact: 559-600-3271
Planned Next Contact: 06/21/2022	Most Recent Contact: 03/25/2022

CUPA\_PLACER COUNTY - CA: Listing of the Placer County Certified Unified Program Agency's hazardous material program sites

Agency Version Date: 04/20/2022	Agency: Placer County Environmental Health
Agency Update Frequency: Quarterly	Agency Contact: 530-745-2350
Planned Next Contact: 07/18/2022	Most Recent Contact: 04/20/2022

DAYCARE - CA: List of daycare locations

Agency Version Date: 01/18/2022	Agency: California Department of Social Services
Agency Update Frequency: Quarterly	Agency Contact: 916-651-6040
Planned Next Contact: 07/13/2022	Most Recent Contact: 04/15/2022

DRYCLEANERS - CA: Listing of drycleaning facilities

Agency Version Date: 09/09/2014	Agency: California EPA Air Resources Board
Agency Update Frequency: Quarterly	Agency Contact: 916-324-3013
Planned Next Contact: 06/14/2022	Most Recent Contact: 03/18/2022

DRYCLEANERS\_AMADOR COUNTY - CA: Listing of drycleaning facilities in Amador County

Agency Version Date: 11/02/2016	Agency: Amador County APCD
Agency Update Frequency: Varies	Agency Contact: (209) 223-6439
Planned Next Contact: 06/03/2022	Most Recent Contact: 03/08/2022

DRYCLEANERS\_ANTELOPE VALLEY - CA: Listing of drycleaning facilities in Antelope Valley

Agency Version Date: 05/09/2022	Agency: Antelope Valley AQMD
Agency Update Frequency: Varies	Agency Contact: 661-723-8070
Planned Next Contact: 08/04/2022	Most Recent Contact: 05/06/2022

DRYCLEANERS\_BAY AREA - CA: Listing of drycleaning facilities in Bay Area

Agency Version Date: 07/01/2021	Agency: Bay Area AQMD
Agency Update Frequency: Quarterly	Agency Contact: 415-749-4784
Planned Next Contact: 06/15/2022	Most Recent Contact: 03/17/2022

DRYCLEANERS\_BUTTE COUNTY - CA: Listing of drycleaning facilities in Butte County

Agency Version Date: 04/20/2022	Agency: Butte County AQMD
Agency Update Frequency: Semi Annually	Agency Contact: 530-332-9400 ext. 107
Planned Next Contact: 07/18/2022	Most Recent Contact: 04/20/2022

DRYCLEANERS\_CALAVERAS COUNTY - CA: Listing of drycleaning facilities in Calaveras County

Agency Version Date: 04/18/2022	Agency: Calaveras County APCD
Agency Update Frequency: Varies	Agency Contact: 209-754-6504
Planned Next Contact: 07/14/2022	Most Recent Contact: 04/18/2022

DRYCLEANERS\_COLUSA COUNTY - CA: Listing of drycleaning facilities in Colusa County

Agency Version Date: 09/08/2014	Agency: Colusa County APCD
Agency Update Frequency: Quarterly	Agency Contact: 530-458-0590
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/21/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

DRYCLEANERS\_EASTERN KERN COUNTY - CA: Listing of drycleaning facilities in Eastern Kern County

Agency Version Date: 04/21/2022	Agency: Eastern Kern County APCD
Agency Update Frequency: Varies	Agency Contact: 661-862-5250
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/21/2022

DRYCLEANERS\_EL DORADO COUNTY - CA: Listing of drycleaning facilities in El Dorado County

Agency Version Date: 03/18/2016	Agency: El Dorado County AQMD
Agency Update Frequency: Varies	Agency Contact: 530-621-7503
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/21/2022

DRYCLEANERS\_FEATHER RIVER - CA: Listing of drycleaning facilities in Feather River

Agency Version Date: 09/24/2021	Agency: Feather River AQMD
Agency Update Frequency: Varies	Agency Contact: 530-634-7659 ext. 205
Planned Next Contact: 06/14/2022	Most Recent Contact: 03/16/2022

DRYCLEANERS\_GLENN COUNTY - CA: Listing of drycleaning facilities in Glenn County

Agency Version Date: 10/29/2018	Agency: Glenn County APCD
Agency Update Frequency: Varies	Agency Contact: 530-934-6500
Planned Next Contact: 08/05/2022	Most Recent Contact: 05/09/2022

DRYCLEANERS\_GREAT BASIN UNIFIED - CA: Listing of drycleaning facilities in the Great Basin Unified region

Agency Version Date: 09/09/2014	Agency: Great Basin Unified APCD
Agency Update Frequency: Varies	Agency Contact: 760-872-8211 ext. 228
Planned Next Contact: 06/27/2022	Most Recent Contact: 04/01/2022

DRYCLEANERS\_IMPERIAL COUNTY - CA: Listing of drycleaning facilities in Imperial County

Agency Version Date: 10/29/2021	Agency: Imperial County APCD
Agency Update Frequency: Annually	Agency Contact: 760-482-4606
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/21/2022

DRYCLEANERS\_LAKE COUNTY - CA: Listing of drycleaning facilities in Lake County

Agency Version Date: 03/29/2016	Agency: Lake County AQMD
Agency Update Frequency: Varies	Agency Contact: 707-263-7000
Planned Next Contact: 07/14/2022	Most Recent Contact: 04/19/2022

DRYCLEANERS\_LASSEN COUNTY - CA: Listing of drycleaning facilities in Lassen County

Agency Version Date: 05/16/2013	Agency: Lassen County APCD
Agency Update Frequency: Varies	Agency Contact: 530-257-1045
Planned Next Contact: 08/03/2022	Most Recent Contact: 05/05/2022

DRYCLEANERS\_MENDOCINO COUNTY - CA: Listing of drycleaning facilities in Mendocino County

Agency Version Date: 08/24/2016	Agency: Mendocino County AQMD
Agency Update Frequency: Varies	Agency Contact: 707-463-4354
Planned Next Contact: 07/11/2022	Most Recent Contact: 04/13/2022

DRYCLEANERS\_MOJAVE DESERT - CA: Listing of drycleaning facilities in the Mojave Desert region

Agency Version Date: 05/09/2022	Agency: Mojave Desert AQMD
Agency Update Frequency: Varies	Agency Contact: 661-723-8070
Planned Next Contact: 08/04/2022	Most Recent Contact: 05/06/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

DRYCLEANERS\_MONTEREY BAY - CA: Listing of drycleaning facilities in the Monterey Bay region

Agency Version Date: 03/08/2022	Agency: Monterey Bay Unified APCD
Agency Update Frequency: Varies	Agency Contact: 831-647-9418 ext.240
Planned Next Contact: 06/06/2022	Most Recent Contact: 03/08/2022

DRYCLEANERS\_NORTH COAST UNIFIED - CA: Listing of drycleaning facilities in the North Coast region

Agency Version Date: 03/25/2022	Agency: North Coast Unified AQMD
Agency Update Frequency: Varies	Agency Contact: 707-443-3093 ext. 111
Planned Next Contact: 06/23/2022	Most Recent Contact: 03/25/2022

DRYCLEANERS\_NORTHERN SIERRA - CA: Listing of drycleaning facilities in the Northern Sierra region

Agency Version Date: 09/08/2014	Agency: Northern Sierra AQMD
Agency Update Frequency: No Update	Agency Contact: 530-274-9360 ext. 106
Planned Next Contact: 05/30/2022	Most Recent Contact: 03/03/2022

DRYCLEANERS\_NORTHERN SONOMA COUNTY - CA: Listing of drycleaning facilities in Northern Sonoma County

Agency Version Date: 06/01/2018	Agency: Northern Sonoma County APCD
Agency Update Frequency: Varies	Agency Contact: 707-433-5911
Planned Next Contact: 08/05/2022	Most Recent Contact: 05/09/2022

DRYCLEANERS\_PLACER COUNTY - CA: Listing of drycleaning facilities in Placer County

Agency Version Date: 05/02/2018	Agency: Placer County APCD
Agency Update Frequency: Quarterly	Agency Contact: 530-745-2324
Planned Next Contact: 08/12/2022	Most Recent Contact: 05/18/2022

DRYCLEANERS\_SACRAMENTO COUNTY - CA: Listing of drycleaning facilities in Sacramento County

Agency Version Date: 03/08/2022	Agency: Sacramento Metro AQMD
Agency Update Frequency: Quarterly	Agency Contact: 916-874-4817
Planned Next Contact: 06/06/2022	Most Recent Contact: 03/08/2022

DRYCLEANERS\_SAN DIEGO COUNTY - CA: Listing of drycleaning facilities in San Diego County

Agency Version Date: 05/20/2019	Agency: San Diego County APCD
Agency Update Frequency: Varies	Agency Contact: 858-586-2618
Planned Next Contact: 08/05/2022	Most Recent Contact: 05/09/2022

DRYCLEANERS\_SAN JOAQUIN VALLEY - CA: Listing of drycleaning facilities in the San Joaquin Valley

Agency Version Date: 02/04/2022	Agency: San Joaquin Valley APCD
Agency Update Frequency: Varies	Agency Contact: 559-230-5936
Planned Next Contact: 07/27/2022	Most Recent Contact: 04/29/2022

DRYCLEANERS\_SAN LUIS OBISPO - CA: Listing of drycleaning facilities in the San Luis Obispo region

Agency Version Date: 05/13/2022	Agency: San Luis Obispo County APCD
Agency Update Frequency: Varies	Agency Contact: 805-781-5912
Planned Next Contact: 08/11/2022	Most Recent Contact: 05/13/2022

DRYCLEANERS\_SANTA BARBARA COUNTY - CA: Listing of drycleaning facilities in Santa Barbara County

Agency Version Date: 08/20/2021	Agency: Santa Barbara County APCD
Agency Update Frequency: Varies	Agency Contact: 805-961-8867
Planned Next Contact: 08/04/2022	Most Recent Contact: 05/09/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

DRYCLEANERS\_SHASTA COUNTY - CA: Listing of drycleaning facilities in Shasta County

Agency Version Date: 02/12/2021	Agency: Shasta County AQMD
Agency Update Frequency: Varies	Agency Contact: 530-225-5674
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/21/2022

DRYCLEANERS\_SISKIYOU COUNTY - CA: Listing of drycleaning facilities in Siskiyou County

Agency Version Date: 09/08/2014	Agency: Siskiyou County APCD
Agency Update Frequency: Varies	Agency Contact: N/R
Planned Next Contact: 07/08/2022	Most Recent Contact: 04/11/2022

DRYCLEANERS\_SOUTH COAST - CA: Listing of drycleaning facilities in the South Coast region

Agency Version Date: 05/16/2022	Agency: South Coast AQMD
Agency Update Frequency: Varies	Agency Contact: 909-396-2000
Planned Next Contact: 08/12/2022	Most Recent Contact: 05/16/2022

DRYCLEANERS\_TEHAMA COUNTY - CA: Listing of drycleaning facilities in Tehama County

Agency Version Date: 02/25/2022	Agency: Tehama County APCD
Agency Update Frequency: Varies	Agency Contact: 530-527-3717 ext.100
Planned Next Contact: 08/19/2022	Most Recent Contact: 05/23/2022

DRYCLEANERS\_TUOLUMNE COUNTY - CA: Listing of drycleaning facilities in Tuolumne County

Agency Version Date: 09/21/2020	Agency: Tuolumne County APCD
Agency Update Frequency: Varies	Agency Contact: 209-533-6678
Planned Next Contact: 05/30/2022	Most Recent Contact: 03/03/2022

DRYCLEANERS\_VENTURA COUNTY - CA: Listing of drycleaning facilities in Ventura County

Agency Version Date: 04/21/2022	Agency: Ventura County APCD
Agency Update Frequency: Varies	Agency Contact: 805-645-1405
Planned Next Contact: 07/19/2022	Most Recent Contact: 04/21/2022

DRYCLEANERS\_YOLO-SOLANO COUNTIES - CA: Listing of drycleaning facilities in Yolo and Solano Counties

Agency Version Date: 05/13/2022	Agency: Yolo-Solano AQMD
Agency Update Frequency: Varies	Agency Contact: 530-757-3664
Planned Next Contact: 08/11/2022	Most Recent Contact: 05/13/2022

EMI - CA: An estimation of air pollution for a listing of air permitted facilities

Agency Version Date: 03/08/2022	Agency: California Air Resources Board
Agency Update Frequency: Varies	Agency Contact: 916-327-6251
Planned Next Contact: 06/02/2022	Most Recent Contact: 03/08/2022

FA - CA: Listing of the Department of Toxic Substance Control's Financial Assurance report sites and facilities

Agency Version Date: 01/21/2022	Agency: Department of Toxic Substance Control
Agency Update Frequency: Varies	Agency Contact: 916-322-2861
Planned Next Contact: 07/15/2022	Most Recent Contact: 04/19/2022

FA 2 - CA: Financial Assurance Information for solid waste facilities

Agency Version Date: 04/11/2022	Agency: Department of Environment & Natural Resources
Agency Update Frequency: Varies	Agency Contact: 916-341-6066
Planned Next Contact: 07/08/2022	Most Recent Contact: 04/11/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

FIRE AREAS - CA: The multi-agency statewide database of fire perimeters.

Agency Version Date: 04/04/2022	Agency: California Department of Forestry and Fire Protection
Agency Update Frequency: No Update	Agency Contact: 916-445-4302
Planned Next Contact: 06/29/2022	Most Recent Contact: 04/04/2022

GCC\_SANTA CLARA VALLEY - CA: Santa Clara Valley groundwater contamination cleanups listing

Agency Version Date: 05/16/2022	Agency: CA State Water Resources Control Board
Agency Update Frequency: Varies	Agency Contact: 916-341-5791
Planned Next Contact: 08/11/2022	Most Recent Contact: 05/16/2022

HAZMAT INCIDENT\_CONTRA COSTA COUNTY - CA: Listing of hazardous material incident sites since 1993 in Contra Costa County

Agency Version Date: 05/02/2022	Agency: Contra Costa Health Services Department
Agency Update Frequency: Varies	Agency Contact: 925-335-3200
Planned Next Contact: 07/29/2022	Most Recent Contact: 05/02/2022

HAZMAT\_CITY OF SAN JOSE - CA: City of San Jose hazardous material facilities listing

Agency Version Date: 01/05/2021	Agency: Santa Clara County Department of Environmental Health
Agency Update Frequency: Quarterly	Agency Contact: 408-918-1951
Planned Next Contact: 06/15/2022	Most Recent Contact: 03/17/2022

HAZMAT\_SACRAMENTO COUNTY - CA: Sacramento county hazardous material facilities listing

Agency Version Date: 08/20/2021	Agency: Sacramento County Environmental Management
Agency Update Frequency: Quarterly	Agency Contact: 916-875-8550
Planned Next Contact: 08/04/2022	Most Recent Contact: 05/09/2022

HAZMAT\_SAN BERNARDINO COUNTY - CA: San Bernardino county listing of hazardous material permitted facilities

Agency Version Date: 04/29/2022	Agency: San Bernardino County Fire Department Hazardous Materials Division
Agency Update Frequency: Quarterly	Agency Contact: 909-386-8419
Planned Next Contact: 07/27/2022	Most Recent Contact: 04/29/2022

HAZMAT\_SAN DIEGO COUNTY - CA: San Diego county listing of hazardous material permitted facilities

Agency Version Date: 05/04/2022	Agency: Hazardous Materials Management Division
Agency Update Frequency: Quarterly	Agency Contact: 858-505-6700
Planned Next Contact: 08/01/2022	Most Recent Contact: 05/04/2022

HAZMAT\_SANTA CLARA COUNTY - CA: Santa Clara county hazardous material facilities listing

Agency Version Date: 02/15/2022	Agency: Santa Clara Department of Environmental Health
Agency Update Frequency: Annually	Agency Contact: 408-918-3428
Planned Next Contact: 08/11/2022	Most Recent Contact: 05/13/2022

HAZNET - CA: Listing of hazardous waste manifests from when hazardous waste is transported from generators to permitted recycling treatment storage or disposal facilities by registered hazardous waste transporters

Agency Version Date: 04/05/2021	Agency: California Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: 916-341-5791
Planned Next Contact: 06/14/2022	Most Recent Contact: 03/18/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

HAZWASTE\_ORANGE COUNTY - CA: Orange County hazardous waste facilities

Agency Version Date: 05/06/2022	Agency: Orange County Health Care Agency
Agency Update Frequency: Annually	Agency Contact: 714-433-6000
Planned Next Contact: 08/02/2022	Most Recent Contact: 05/06/2022

HIGH FIRE - CA: Fire hazard severity zones mapped as areas of significant fire hazards on the basis of fuels terrain weather and other factors

Agency Version Date: 03/22/2021	Agency: California Department of Forestry and Fire Protection
Agency Update Frequency: No update	Agency Contact: 916-445-4302
Planned Next Contact: 06/01/2022	Most Recent Contact: 03/07/2022

HIST CORTESE - CA: The historical compliance document used in providing information about the location of hazardous material release sites utilized by the state local agencies and developers

Agency Version Date: 05/02/2022	Agency: Department of Toxic Substance Control
Agency Update Frequency: Quarterly	Agency Contact: 916-322-2861
Planned Next Contact: 07/28/2022	Most Recent Contact: 05/02/2022

HIST HAZNET - CA: List of hazardous waste manifests from when hazardous waste is transported from generators to permitted recycling treatment storage or disposal facilities by registered hazardous waste transporters that are no longer in current agency list.

Agency Version Date: 10/10/2018	Agency: California Environmental Protection Agency
Agency Update Frequency: Annually	Agency Contact: 916-341-5791
Planned Next Contact: 08/11/2022	Most Recent Contact: 05/17/2022

HIST HMS\_LOS ANGELES COUNTY - CA: List of Los Angeles county industrial waste and underground storage tank sites that are no longer in current agency list.

Agency Version Date: 09/15/2018	Agency: County of Los Angeles Department of Public Works
Agency Update Frequency: Annually	Agency Contact: 626-458-3518
Planned Next Contact: 06/13/2022	Most Recent Contact: 03/16/2022

HIST HWP - CA: List of the Department of Toxic Substance Control's hazardous waste transporters and corrective action that are no longer in current agency list.

Agency Version Date: 01/18/2019	Agency: Department of Toxic Substance Control
Agency Update Frequency: Annually	Agency Contact: 916-322-2861
Planned Next Contact: 07/18/2022	Most Recent Contact: 04/21/2022

HIST LDS - CA: List of areas of land on or in which hazardous waste is placed or the largest area in which there is significant likelihood of mixing hazardous waste constituents in the same area that are no longer in current agency list.

Agency Version Date: 05/20/2018	Agency: State Water Quality Control Board
Agency Update Frequency: Annually	Agency Contact: 916-341-5791
Planned Next Contact: 08/17/2022	Most Recent Contact: 05/23/2022

HIST MCS - CA: List of the State Water Resources Control Boards investigation and remediation of water quality issues at military facilities that is no longer in current agency list.

Agency Version Date: 09/24/2018	Agency: State Water Resources Control Board
Agency Update Frequency: No Longer Maintained	Agency Contact: 916-341-5791
Planned Next Contact: 06/10/2022	Most Recent Contact: 03/16/2022



**OTHER ASCERTAINABLE RECORDS (cont.)**

HIST NFA - CA: Historical No further action cleanup sites listing

Agency Version Date: 02/21/2019  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 08/04/2022

Agency: Department of Toxic Substances Control  
 Agency Contact: 916-322-2861  
 Most Recent Contact: 05/09/2022

HMS\_LOS ANGELES COUNTY - CA: Listing of Los Angeles county industrial waste and underground storage tank sites

Agency Version Date: 03/15/2022  
 Agency Update Frequency: Monthly  
 Planned Next Contact: 06/13/2022

Agency: County of Los Angeles Department of Public Works  
 Agency Contact: 626-458-3518  
 Most Recent Contact: 03/15/2022

HWM COMMERCIAL FACILITIES - CA: Listing of all commercial hazardous waste permitted off-site transfer recycling treatment storage and disposal facilities

Agency Version Date: 04/18/2022  
 Agency Update Frequency: Varies  
 Planned Next Contact: 07/14/2022

Agency: Department of Toxic Substance Control  
 Agency Contact: 916-322-5308  
 Most Recent Contact: 04/18/2022

HWP - CA: Facility listing of the Department of Toxic Substance Control's hazardous waste transporters and corrective action

Agency Version Date: 04/26/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/21/2022

Agency: Department of Toxic Substance Control  
 Agency Contact: 916-322-2861  
 Most Recent Contact: 04/26/2022

HWT - CA: Listing of registered hazardous waste transporters

Agency Version Date: 04/29/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/28/2022

Agency: Department of Toxic Substance Control  
 Agency Contact: 916-322-2861  
 Most Recent Contact: 04/29/2022

LDS - CA: List of Land Disposal Cleanup Sites from Geotracker

Agency Version Date: 04/22/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/19/2022

Agency: State Water Resources Control Board  
 Agency Contact: 916-341-5791  
 Most Recent Contact: 04/22/2022

LOP\_SANTA CLARA COUNTY - CA: Santa Clara county leaking underground storage tank sites

Agency Version Date: 07/21/2017  
 Agency Update Frequency: No Longer Maintained  
 Planned Next Contact: 07/14/2022

Agency: Department of Environmental Health  
 Agency Contact: 408-280-6479  
 Most Recent Contact: 04/18/2022

MCS - CA: List of Military Cleanup Sites from Geotracker

Agency Version Date: 04/22/2022  
 Agency Update Frequency: Quarterly  
 Planned Next Contact: 07/19/2022

Agency: State Water Resources Control Board  
 Agency Contact: 916-341-5791  
 Most Recent Contact: 04/22/2022

MWMP - CA: Listing of treatment and transfer stations that properly handle and dispose of medical waste that are permitted and inspected by the Medical Waste Management Program

Agency Version Date: 01/28/2022  
 Agency Update Frequency: Varies  
 Planned Next Contact: 07/22/2022

Agency: California-Health Human Services Department of Public Health  
 Agency Contact: 916-449-5661  
 Most Recent Contact: 04/26/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

MWMP 2 - CA: Listing of facilities that generate permitted medical waste and are inspected by the Medical Waste Management Program

Agency Version Date: 01/13/2022	Agency: California-Health Human Services Department of Public Health
Agency Update Frequency: Quarterly	Agency Contact: 916-449-5661
Planned Next Contact: 07/08/2022	Most Recent Contact: 04/11/2022

NFA - CA: No further action cleanup sites listing

Agency Version Date: 03/21/2022	Agency: Department of Toxic Substances Control
Agency Update Frequency: Quarterly	Agency Contact: 916-322-2861
Planned Next Contact: 06/16/2022	Most Recent Contact: 03/21/2022

NFE - CA: Unconfirmed contaminated properties listing

Agency Version Date: 03/18/2022	Agency: Department of Toxic Substances Control
Agency Update Frequency: Quarterly	Agency Contact: 916-322-2861
Planned Next Contact: 06/14/2022	Most Recent Contact: 03/18/2022

NPDES - CA: Listing of facilities with wastewater and NPDES permits including stormwater

Agency Version Date: 05/17/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5810
Planned Next Contact: 08/11/2022	Most Recent Contact: 05/17/2022

PERCHLORATE 2 - CA: Listing of contaminated sites where the primary known chemical is perchlorate

Agency Version Date: 03/18/2022	Agency: Department of Toxic Substances Control
Agency Update Frequency: Quarterly	Agency Contact: 916-322-2861
Planned Next Contact: 06/14/2022	Most Recent Contact: 03/18/2022

PFAS - CA: List of PFAS sites and areas of interest

Agency Version Date: 04/05/2022	Agency: California State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: N/R
Planned Next Contact: 06/30/2022	Most Recent Contact: 04/05/2022

PFAS DOD - CA: List of DoD facilities conducting PFAS investigations

Agency Version Date: 04/05/2022	Agency: California State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: N/R
Planned Next Contact: 06/30/2022	Most Recent Contact: 04/05/2022

PFAS GAMA - CA: PFOS & PFAS GAMA Well Sampling program

Agency Version Date: 03/31/2022	Agency: California State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: N/R
Planned Next Contact: 06/27/2022	Most Recent Contact: 03/31/2022

PROPOSITION 65 - CA: Listing of Proposition 65 enforcement reporting notice sites in accordance with "The Safe Drinking Water and Toxic Enforcement Act of 1986"

Agency Version Date: 06/11/2021	Agency: State of California Department of Justice Office of the Attorney General
Agency Update Frequency: No update	Agency Contact: 510-873-6321
Planned Next Contact: 05/27/2022	Most Recent Contact: 03/01/2022

**OTHER ASCERTAINABLE RECORDS (cont.)**

RFR - CA: State Water Resources Control Board Regulated Facility Report database listing which includes program agency type and their permit status

Agency Version Date: 03/03/2022	Agency: CA State Water Resources Control Board
Agency Update Frequency: Varies	Agency Contact: 916-341-5810
Planned Next Contact: 05/30/2022	Most Recent Contact: 03/03/2022

SITES INVENTORY\_VENTURA COUNTY - CA: Listing of Ventura County inventory of closed illegal abandoned and inactive sites

Agency Version Date: 05/14/2021	Agency: Environmental Health Division
Agency Update Frequency: Annually	Agency Contact: 805-654-2815
Planned Next Contact: 07/28/2022	Most Recent Contact: 04/29/2022

SMU\_SANTA BARBARA COUNTY - CA: Site Mitigation Unit site assessment and corrective actions at properties in Santa Barbara County

Agency Version Date: 03/29/2022	Agency: Santa Barbara County APCD
Agency Update Frequency: Varies	Agency Contact: (805) 681-4900
Planned Next Contact: 06/24/2022	Most Recent Contact: 03/29/2022

SWAT - CA: The SWAT Reports Summary Data and the Waste Management Unit Database were published by State Water Resources Control Board staff and the Regional Water Quality Control Boards for tracking and inventory of waste management units.

Agency Version Date: 08/08/2015	Agency: Department of Ecology
Agency Update Frequency: No Longer Maintained	Agency Contact: 916-322-2861
Planned Next Contact: 08/11/2022	Most Recent Contact: 05/16/2022

VCCP\_VENTURA COUNTY - CA: Listing of Ventura County cleanup program sites

Agency Version Date: 01/31/2022	Agency: Environmental Health Division
Agency Update Frequency: Annually	Agency Contact: 805-654-2815
Planned Next Contact: 07/22/2022	Most Recent Contact: 04/27/2022

WDS - CA: Listing of waste discharge system reporting facilities

Agency Version Date: 04/15/2022	Agency: State Water Resources Control Board
Agency Update Frequency: Quarterly	Agency Contact: 916-341-5810
Planned Next Contact: 07/12/2022	Most Recent Contact: 04/15/2022

WILDLANDS - CA: The Wildlands Conservancy listing of preserves in California

Agency Version Date: 02/14/2022	Agency: The Wildlands Conservancy
Agency Update Frequency: Varies	Agency Contact: 909-797-8507
Planned Next Contact: 08/08/2022	Most Recent Contact: 05/12/2022

WIP - CA: Listing of Well Investigation Program cases in the San Gabriel and San Fernando Valley area

Agency Version Date: 07/01/2009	Agency: Los Angeles Water Quality Control Board
Agency Update Frequency: Varies	Agency Contact: 916-341-5810
Planned Next Contact: 08/02/2022	Most Recent Contact: 05/06/2022

**OTHER**

SEISMIC - CA: Earthquake Zones of Required Investigation. Shows the location of both Seismic Hazard Zones and Earthquake Fault Zones

Agency Version Date: 04/15/2022	Agency: State of California Department of Conservation
Agency Update Frequency: Varies	Agency Contact: 916-324-7299
Planned Next Contact: 07/12/2022	Most Recent Contact: 04/15/2022

**SUBJECT PROPERTY ADDRESS:**

American Canyon Wetlands Restoration  
 205 Wetlands Edge Rd  
 American Canyon, CA 94503

**SUBJECT PROPERTY COORDINATES:**

Latitude(North): 38.172516 - 38°10'21.1"  
 Longitude(West): -122.277744 - -122°16'39.9"  
 Universal Transverse Mercator: Zone 10N  
 UTM X (Meters): 563263.67  
 UTM Y (Meters): 4225202.75

**ELEVATION:**

Elevation: 6 ft. above sea level

**USGS TOPOGRAPHIC MAP:**

Subject Property Map: 38122-B3 Cuttings Wharf, CA  
 Most Recent Revision: 2018

**GEOHYDROLOGY DATA:**

**SUBJECT PROPERTY TOPOGRAPHY:**

Topographic Gradient: East

**DFIRM FLOOD ZONE:**

	DFIRM Flood
Subject Property County:	Electronic Data:
NAPA	Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP
Flood Plain Panel at Subject Property:	06055C0616F (Eff. date 8/3/2016) 06055C0617F (Eff. date 8/3/2016) 06095C0420F (Eff. date 8/3/2016) 06055C0609F (Eff. date 8/3/2016) 06097C1075F (Eff. date 10/2/2015)
Additional Panels in search area:	06055C0618F (Eff. date 8/3/2016) 06095C0419F (Eff. date 8/3/2016) 06055C0650E (Eff. date 9/26/2008) 06055C0608F (Eff. date 8/3/2016) 06055C0619F (Eff. date 8/3/2016) 06095C0440F (Eff. date 6/9/2014) 06095C0418F (Eff. date 8/3/2016)

**FEMA FLOOD ZONE:**

	FEMA Flood
Subject Property County:	Electronic Data:
NAPA	Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP

Flood Plain Panel at Subject Property:	0602050460B 0602050480B 0602050490B 0602050470A
Additional Panels in search area:	0606310400C 0603740005C

**NATIONAL WETLAND INVENTORY:**

	NWI Electronic
<u>NWI Quad at Subject Property:</u>	<u>Data Coverage:</u>
Cuttings Wharf	Yes - refer to the Geological Findings Map

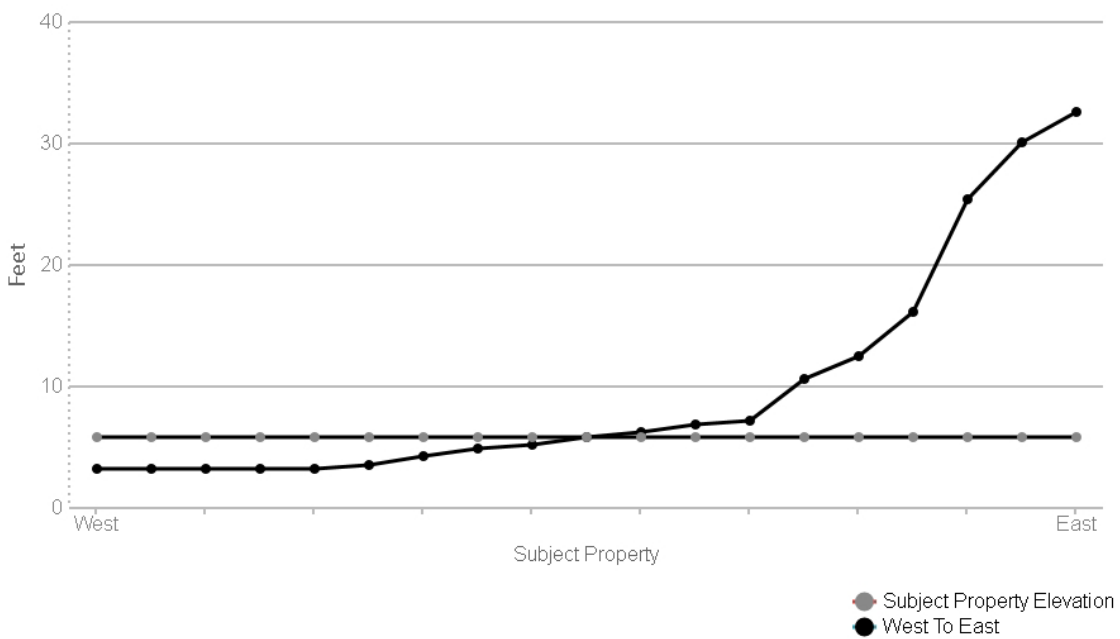
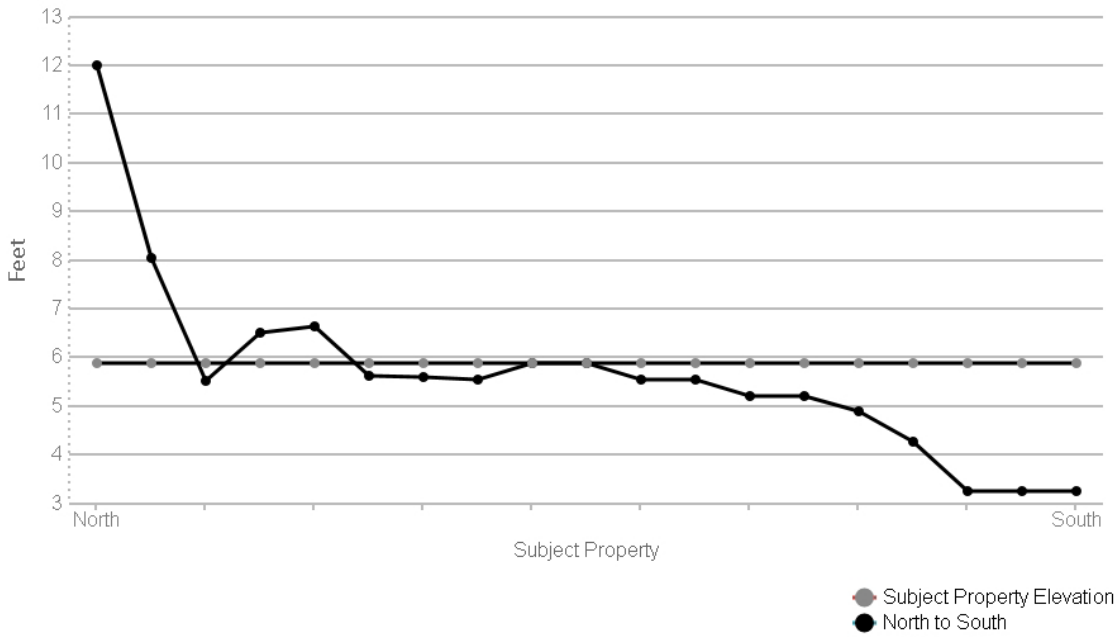
**LITHOSTRATIGRAPHIC INFORMATION:**

**ROCK STRATIGRAPHIC UNIT:**

**GEOLOGIC AGE IDENTIFICATION**

Era:	Cenozoic	Category: 4 Q Quaternary
System:	Quaternary	
Series:	Quaternary	
Code:	Q	

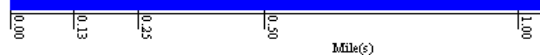
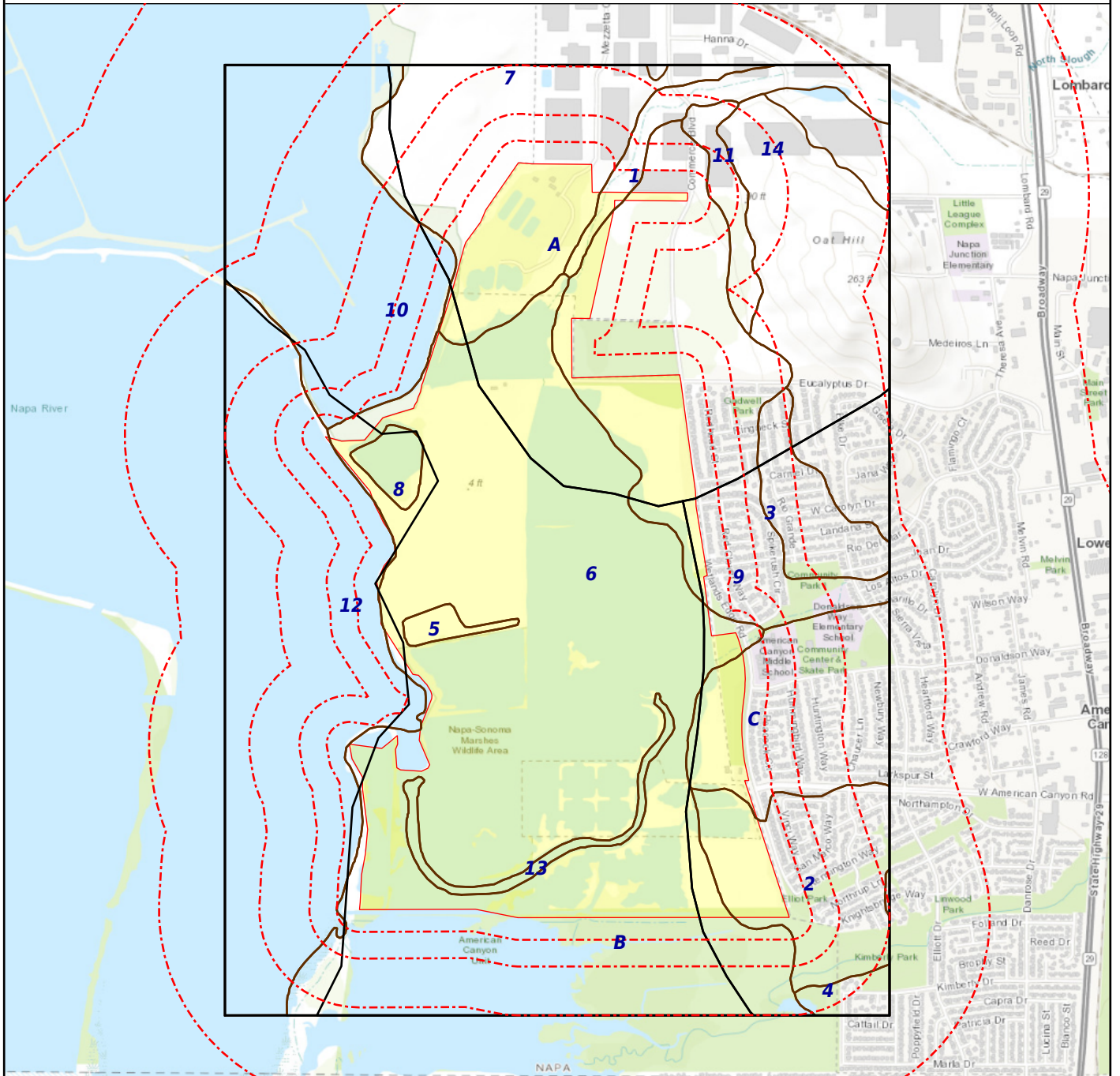
**SURROUNDING ELEVATION PROFILES:**





SUBJECT NAME: American Canyon Wetlands Restoration  
ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA,...  
LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
ORDER #: 72652  
REPORT DATE: May 26, 2022



- + Subject Property
- SSURGO
- STATSGO

**SOIL COMPOSITION IN GENERAL AREA OF SUBJECT PROPERTY:**

Agency source: Soil Conservation Service, US Department of Agriculture

**SOIL MAP ID 1**

**SSURGO**

USDA Soil Name	Clear Lake, Series
USDA Soil Texture	Clay
Hydrologic Soil Group	D
Soil Drainage Class	Poorly drained
Hydric Classification	95
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.41	6.6-8.4
2	15-66	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.41	6.6-8.4
3	66-91	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	0.42-1.41	6.6-8.4

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	66-91	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.41	6.6-8.4
4	91-152	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.41	6.6-8.4

**SOIL MAP ID 2**

**SSURGO**

USDA Soil Name	Haire, Series
USDA Soil Texture	Clay loam
Hydrologic Soil Group	D
Soil Drainage Class	Moderately well drained
Hydric Classification	5
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-56	Clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	1.4-4	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-56	Clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
2	56-69	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	69-114	Clay	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.01-0.42	4.5-5.5
4	114-152	Sandy clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	0.01-0.42	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	114-152	Sandy clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	0.01-0.42	4.5-5.5

**SOIL MAP ID 3**

**SSURGO**

USDA Soil Name	Haire, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	D
Soil Drainage Class	Moderately well drained
Hydric Classification	8
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-56	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
2	56-69	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	1.4-4	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	56-69	Sandy clay loam	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	69-114	Clay	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.01-0.42	4.5-5.5
4	114-152	Sandy clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.01-0.42	4.5-5.5

**SOIL MAP ID 4**

**SSURGO**

USDA Soil Name	Rincon, Series
USDA Soil Texture	Clay loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate



Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	6.1-7.8
2	15-30	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	6.1-7.8
3	30-74	Clay	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.4	6.6-8.4
4	74-97	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	1.4-4	7.9-8.4

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	74-97	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	7.9-8.4
5	97-200	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	7.9-8.4

**SOIL MAP ID 5**

**SSURGO**

USDA Soil Name	Water,Miscellaneous area
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

**SOIL MAP ID 6**

**SSURGO**

USDA Soil Name	Reyes, Series
USDA Soil Texture	Silty clay loam
Hydrologic Soil Group	C/D
Soil Drainage Class	Poorly drained
Hydric Classification	95
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-36	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Elastic Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.4	3.6-5.5
2	36-152	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.4	3.6-5

**SOIL MAP ID 7**

**SSURGO**

USDA Soil Name	Haire, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	D
Soil Drainage Class	Moderately well drained
Hydric Classification	5
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-56	Loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction	1.4-4	5.1-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-56	Loam	construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
2	56-69	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	69-114	Clay	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.01-0.42	4.5-5.5
4	114-152	Sandy clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.01-0.42	4.5-5.5

**SOIL MAP ID 8**

**SSURGO**

USDA Soil Name	Reyes, Series
USDA Soil Texture	Silty clay loam
Hydrologic Soil Group	C/D
Soil Drainage Class	Very poorly drained
Hydric Classification	100
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-36	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Elastic Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.4	7.4-8.4
2	36-152	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.4	4.5-8.4

**SOIL MAP ID 9**

**SSURGO**

USDA Soil Name	Haire, Series
USDA Soil Texture	Clay loam
Hydrologic Soil Group	D
Soil Drainage Class	Moderately well drained
Hydric Classification	5
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-56	Clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
2	56-69	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.1-6
3	69-114	Clay	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.01-0.42	4.5-5.5
4	114-152	Sandy clay	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	0.01-0.42	4.5-5.5



Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	114-152	Sandy clay	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.01-0.42	4.5-5.5

**SOIL MAP ID 10**

**SSURGO**

USDA Soil Name	Reyes, Series
USDA Soil Texture	Silty clay loam
Hydrologic Soil Group	C/D
Soil Drainage Class	Very poorly drained
Hydric Classification	100
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-36	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Elastic Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.4	7.4-8.4
2	36-152	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	0.42-1.4	4.5-8.4

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	36-152	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.4	4.5-8.4

**SOIL MAP ID 11**

**SSURGO**

USDA Soil Name	Fagan, Series
USDA Soil Texture	Clay loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-41	Clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984).	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.6-6.5
2	41-71	Clay	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	0.42-1.4	5.6-6.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	41-71	Clay	of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.4	5.6-6.5
3	71-117	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.6-6.5
4	117-150		No data	No data	1.4-4	0-0

**SOIL MAP ID 12**

**SSURGO**

USDA Soil Name	Water,Miscellaneous area
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

**SOIL MAP ID 13**

**SSURGO**

USDA Soil Name	Water,Miscellaneous area
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

**SOIL MAP ID 14**

**SSURGO**

USDA Soil Name	Fagan, Series
USDA Soil Texture	Clay loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-41	Clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4	5.6-6.5
2	41-71	Clay	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.4	5.6-6.5
3	71-117	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	1.4-4	5.6-6.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	71-117	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	1.4-4	5.6-6.5
4	117-150		No data	No data	1.4-4	0-0

**SOIL MAP ID A**

**STATSGO**

USDA Soil Name	Haire, Series
USDA Soil Texture	Loam
Hydrologic Soil Group	C
Soil Drainage Class	Moderately well drained
Hydric Classification	1
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-12	Loam	No data	No data	4.2343-14.1143	5.6-7.3
2	12-24	Sandy clay loam	No data	No data	1.4114-4.2343	5.6-7.3
3	24-36	No data	No data	No data	0-0.4234	5.1-6
4	36-60	No data	No data	No data	0.4234-1.4114	4.5-5.5

**SOIL MAP ID B**

**STATSGO**

USDA Soil Name	Reyes, Series
USDA Soil Texture	Clay
Hydrologic Soil Group	D
Soil Drainage Class	Very poorly drained
Hydric Classification	68
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-14	Clay	No data	No data	0.4234-1.4114	3.6-6.5
2	14-63	No data	No data	No data	0.4234-1.4114	3.6-6

**SOIL MAP ID C**

**STATSGO**

USDA Soil Name	Clear Lake, Series
USDA Soil Texture	Clay
Hydrologic Soil Group	D
Soil Drainage Class	Poorly drained
Hydric Classification	12
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-13	Clay	No data	No data	0.4234-1.4114	5.6-7.3
2	13-60	No data	No data	No data	0.4234-1.4114	7.4-8.4

**WATER AGENCY DATA:**

**WATER AGENCY SEARCH DISTANCES:**

<u>DATABASE:</u>	<u>SEARCH DISTANCE (MILES):</u>
NWIS	1.000
OIL & GAS WELLS - CA	1.000
PWS	1.000
WELLS - GAMA - CA	0.000

<u>DISTANCE TO NEAREST:</u>	<u>DISTANCE:</u>
NWIS	0.618 mi / 3262 ft
OIL & GAS WELLS - CA	N/A
PWS	0.008 mi / 41 ft
WELLS - GAMA - CA	0.000 mi / 0 ft

**FEDERAL WATER AGENCY DATA SUMMARY:**

<u>MAP ID:</u>	<u>WELL ID:</u>	<u>LOCATION FROM SP:</u>
4	CITY OF AMERICAN CANYON CORPORATION YARD   CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE   CITY OF AMERICAN CANYON	< 1/8 Mile ESE
29	USGS-381153122162801   381153122162801	1/2 - 1 Mile N
37	AK2299036	1/2 - 1 Mile SSE
43	380945122150301	1/2 - 1 Mile ESE
45	CA2810005	1/2 - 1 Mile E



**FEDERAL WATER AGENCY DATA SUMMARY: (cont.)**

<u>MAP ID:</u>	<u>WELL ID:</u>	<u>LOCATION FROM SP:</u>
46	CA4800512   SUNRISE TRAILER PARK-WELL-TREATED	1/2 - 1 Mile E
50	CA2810005   CABERNET VILLAGE   AMERICAN CANYON, CITY OF-WTP CONV & MEMBRANE COMBINED TREATED	1/2 - 1 Mile ENE

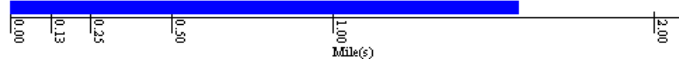
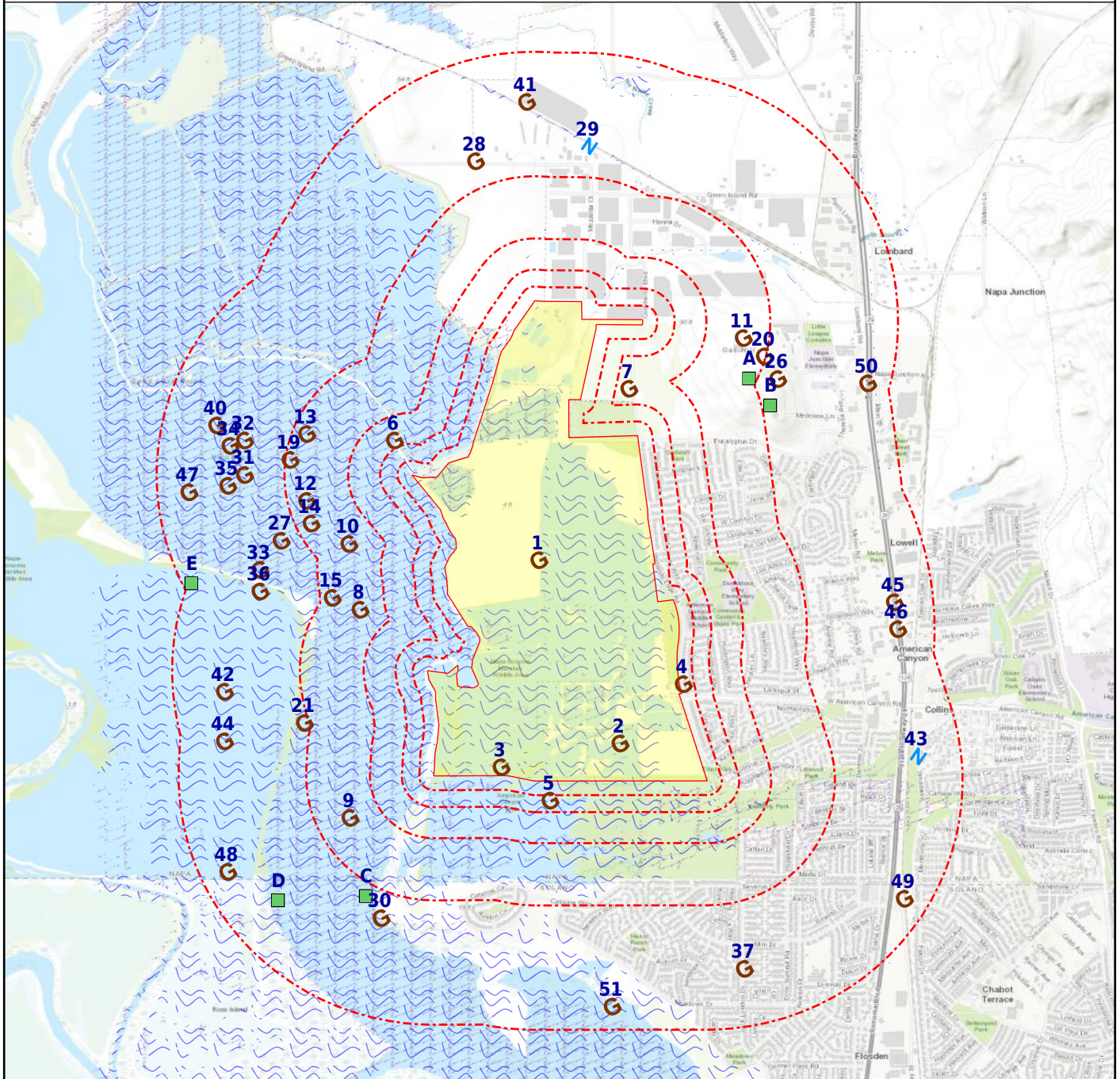
Note: PWS System location is not always the same as well location.

**STATE/LOCAL WATER AGENCY DATA SUMMARY:**

<u>MAP ID:</u>	<u>WELL ID:</u>	<u>LOCATION FROM SP:</u>
1	L10009320546-G-7A	< 1/8 Mile NW
29	USGS-381153122162801   381153122162801	1/2 - 1 Mile N

SUBJECT NAME: American Canyon Wetlands Restoration  
 ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA,...  
 LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
 ORDER #: 72652  
 REPORT DATE: May 26, 2022



- ★ Subject Property
- Geologic Cluster
- Oil & Gas Wells (No Data)
- ⊗ Basins (No Data)
- ⊙ Geological Site
- ⚡ DAMS
- ⊗ NWI
- ⚡ Fire Areas (No Data)
- ⚡ NWIS

Map Id: 1  
 Direction: NW  
 Distance: 0.000 mi., 0 ft.  
 Elevation: 6 ft.  
 Relative: Lower

**Site Name :** L10009320546-G-7A  
 38.173873, -122.27912  
 CA  
**Database(s) :** [WELLS - GAMA - CA]

**Envirosite ID:** 30965561  
**EPA ID:** N/R

WELLS - GAMA - CA

Well Details

Well ID :	L10009320546-G-7A
Well Type :	MONITORING
Well Depth (Ft.) :	N/R
Top of Screen (Ft.) :	N/R
Screen Length (Ft.) :	N/R
Source :	N/R
Data Source :	GeoTracker
Source Name :	G-7A
Other Names :	G-7A
Latitude :	38.173873183
Longitude :	-122.279120311
Last Date in Agency List :	2022-05-12

GM Chemicals

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your EnviroSite account representative for a complimentary site report containing all of the details available.

Samp Collection Date :	2020-07-07
Chemical :	TBME (Bromoform (THM)) ND 0 UG/L
CAS Number :	N/R
Reporting Limit :	.5

Samp Collection Date :	2020-07-07
Chemical :	PCE (Tetrachloroethene (PCE)) ND 0 UG/L
CAS Number :	N/R
Reporting Limit :	.5

Samp Collection Date :	2020-07-07
Chemical :	TMB135 (1,3,5-Trimethylbenzene) ND 0 UG/L
CAS Number :	N/R
Reporting Limit :	.5

Samp Collection Date :	2020-07-07
Chemical :	EBZ (Ethylbenzene) ND 0 UG/L
CAS Number :	N/R
Reporting Limit :	.5

Samp Collection Date :	2020-07-07
Chemical :	CDS (Carbon Disulfide) ND 0 UG/L
CAS Number :	N/R
Reporting Limit :	1

Samp Collection Date :	2020-07-07
Chemical :	IPBZ (Isopropylbenzene ( Cumene)) ND 0 UG/L
CAS Number :	N/R
Reporting Limit :	.5

Map Id: 1  
 Direction: NW  
 Distance: 0.000 mi., 0 ft.  
 Elevation: 6 ft.  
 Relative: Lower

**Site Name :** L10009320546-G-7A  
 38.173873, -122.27912  
 CA  
**Database(s) :** [WELLS - GAMA - CA] **(cont.)**

**Envirosite ID:** 30965561  
**EPA ID:** N/R

**WELLS - GAMA - CA (cont.)**

Samp Collection Date : 2020-07-07  
 Chemical : BZ (Benzene) ND 0 UG/L  
 CAS Number : N/R  
 Reporting Limit : .5

Samp Collection Date : 2020-07-07  
 Chemical : DBCME (Dibromochloromethane (THM)) ND 0 UG/L  
 CAS Number : N/R  
 Reporting Limit : .5

Samp Collection Date : 2020-07-07  
 Chemical : FC11 (Trichlorofluoromethane (Freon 11)) ND 0 UG/L  
 CAS Number : N/R  
 Reporting Limit : .5

Samp Collection Date : 2020-07-07  
 Chemical : TDS (Total Dissolved Solids) = 9400 MG/L  
 CAS Number : N/R  
 Reporting Limit : 500

**Source Details**

Datum : NAD83  
 Well Depth (Ft.) : N/R  
 Top of Screen (Ft.) : N/R  
 Screen Length (Ft.) : N/R  
 Latitude : 38.173873182999998  
 Longitude : -122.279120311

**Source Chemicals**

Samp Collection Date-Time : 2020-07-07 1300  
 Chemical : TBME ND 0 UG/L  
 Analytical Method : SW8260B  
 Reporting Limit : .5  
 Lab Note : N/R

Samp Collection Date-Time : 2020-07-07 1300  
 Chemical : PCE ND 0 UG/L  
 Analytical Method : SW8260B  
 Reporting Limit : .5  
 Lab Note : N/R

Samp Collection Date-Time : 2020-07-07 1300  
 Chemical : TMB135 ND 0 UG/L  
 Analytical Method : SW8260B  
 Reporting Limit : .5  
 Lab Note : N/R

Map Id: 1  
 Direction: NW  
 Distance: 0.000 mi., 0 ft.  
 Elevation: 6 ft.  
 Relative: Lower

**Site Name :** L10009320546-G-7A  
 38.173873, -122.27912  
 CA  
**Database(s) :** [WELLS - GAMA - CA] **(cont.)**

**Envirosite ID:** 30965561  
**EPA ID:** N/R

**WELLS - GAMA - CA (cont.)**

Samp Collection Date-Time : 2020-07-07 1300  
 Chemical : EBZ ND 0 UG/L  
 Analytical Method : SW8260B  
 Reporting Limit : .5  
 Lab Note : N/R

Samp Collection Date-Time : 2020-07-07 1300  
 Chemical : CDS ND 0 UG/L  
 Analytical Method : SW8260B  
 Reporting Limit : 1  
 Lab Note : N/R

Samp Collection Date-Time : 2020-07-07 1300  
 Chemical : IPBZ ND 0 UG/L  
 Analytical Method : SW8260B  
 Reporting Limit : .5  
 Lab Note : N/R

Samp Collection Date-Time : 2020-07-07 1300  
 Chemical : BZ ND 0 UG/L  
 Analytical Method : SW8260B  
 Reporting Limit : .5  
 Lab Note : N/R

Samp Collection Date-Time : 2020-07-07 1300  
 Chemical : DBCME ND 0 UG/L  
 Analytical Method : SW8260B  
 Reporting Limit : .5  
 Lab Note : N/R

Samp Collection Date-Time : 2020-07-07 1300  
 Chemical : FC11 ND 0 UG/L  
 Analytical Method : SW8260B  
 Reporting Limit : .5  
 Lab Note : N/R

Samp Collection Date-Time : 2020-07-07 1300  
 Chemical : TDS = 9400 MG/L  
 Analytical Method : E160.1  
 Reporting Limit : 500  
 Lab Note : DG

Map Id: 2  
 Direction: SSE  
 Distance: 0.000 mi., 0 ft.  
 Elevation: 8 ft.  
 Relative: Higher

**Site Name :** N/R  
 38.1631667, -122.2733333  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 8533043  
**EPA ID:** N/R

EPICENTERS

Updated Date : 2015-06-26  
 Time : 18:24:26  
 ID Number : nc72472056  
 Status : N/R  
 Type : earthquake  
 Depth : 8.81  
 Magnitude : 1.64  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 39  
 Gap : 91  
 DMIN : 0.04163  
 RMS : 0.15  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1631667  
 Longitude : -122.2733333  
 Last Date in Agency List : 2015-07-13

Map Id: 3  
 Direction: SSW  
 Distance: 0.000 mi., 0 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1618333, -122.2818333  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 8533888  
**EPA ID:** N/R

EPICENTERS

Updated Date : 2015-06-30  
 Time : 06:23:31  
 ID Number : nc72472941  
 Status : N/R  
 Type : earthquake  
 Depth : 8.9  
 Magnitude : 1.1  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 22  
 Gap : 121  
 DMIN : 0.0406  
 RMS : 0.23  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1618333



Map Id: 3  
 Direction: SSW  
 Distance: 0.000 mi., 0 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1618333, -122.2818333  
 CA  
**Database(s) :** [EPICENTERS] **(cont.)**

**Envirosite ID:** 8533888  
**EPA ID:** N/R

**EPICENTERS (cont.)**

Longitude : -122.2818333  
 Last Date in Agency List : 2015-07-13

Map Id: 4  
 Direction: ESE  
 Distance: 0.008 mi., 41 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** CITY OF AMERICAN CANYON  
 CORPORATION YARD | CITY OF  
 AMERICAN CANYON /ACCOUNTS PAYABLE  
 | CITY OF AMERICAN CANYON  
 205 WETLANDS EDGE ROAD  
 AMERICAN CANYON | American Canyon,  
 CA  
**Database(s) :** [PWS, PWS ENF]

**Envirosite ID:** 497422  
**EPA ID:** N/R

**PWS**

Facility Address : 205 Wetlands Edge Road, AMERICAN CANYON, CA 94503

PWS ID : CA2810005  
 PWS Type : Community water system  
 PWS Name : AMERICAN CANYON, CITY OF  
 Activity Status : Active  
 Primary Source : Surface water  
 Submission Year : 2019  
 Submission Year Quarter : 2019Q1  
 Population Served Count : 20,315  
 Service Connections Count : 5317  
 Population Category 2 : 10,000+  
 Population Category 3 : 3,301-50,000  
 Population Category 4 : 10K-49,999  
 Population Category 5 : 10,001-100,000  
 Population Category 11 : 10,001-50,000  
 Submission Quarter : 1  
 Submission Status Code : Y  
 First Reported Date : 1979-03-22  
 Last Reported Date : 2019-03-29  
 Deactivation Date : N/R  
 GW or SW : Surface water  
 Is Grant Eligible : Y  
 Is Outstanding Performer : N/R  
 Is School or Daycare : N  
 Is Source Water Protected : N/R  
 Primacy Agency : California  
 Primacy Type : State  
 Org Name : HODGE, TERRY  
 EPA Region : Region 9  
 Admin Name : HODGE, TERRY  
 Owner Type : Local government  
 Phone Number : 707-258-1269  
 Phone Ext Number : N/R  
 Alt Phone Number : N/R

Map Id: 4  
 Direction: ESE  
 Distance: 0.008 mi., 41 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [PWS, PWS ENF] **(cont.)**

**EnviroSite ID:** 497422  
**EPA ID:** N/R

**PWS (cont.)**

Email Address :	thodge@cityofamericancanyon.org
Fax Number :	N/R
Is Wholesaler :	N
LT2 Schedule Category :	N/R
NPM Candidate :	Y
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	N/R
Season Begin Date :	N/R
Season End Date :	N/R
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTRC Monitoring :	N/R
Last Date in Agency List :	2019-05-16

**PWS ENF**

Facility Address : 205 Wetlands Edge Road, AMERICAN CANYON, CA 94503

**Site Details**

PWS ID :	CA2810005
PWS Name :	AMERICAN CANYON, CITY OF
EPA Region :	Region 9
Primacy Agency :	California
PWS Type :	Community water system
Primacy Type :	State
Primary Source :	Surface water
Activity Status :	Active
Deactivation Date :	N/R
Owner Type :	Local government
Phone Number :	707-258-1269
Last Date in Agency List :	2019-05-16

**Violation Details**

RTC Enforcement ID :	1003010
Violation ID :	503001
Submission Year :	2019
Violation First Reported Date :	2008-02-25
Contaminant Name :	TTHM
Rule Family :	Stage 1 Disinfectants and Disinfection Byproducts Rule
Rule Group :	Disinfectants and Disinfection Byproducts Rule
Rule Name :	Stage 1 Disinfectants and Disinfection Byproducts Rule
Violation Type :	Maximum Contaminant Level Violation, Average
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R

Map Id: 4  
 Direction: ESE  
 Distance: 0.008 mi., 41 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [PWS, PWS ENF] **(cont.)**

**Envirosite ID:** 497422  
**EPA ID:** N/R

**PWS ENF (cont.)**

Public Notification Tier : 2  
 Address Line 1 : 205 Wetlands Edge Road, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Returned to Compliance  
 RTC Date : 2010-04-28  
 Enforcement Action Description : State Compliance achieved  
 Admin Name : HODGE, TERRY  
 Email Address : thodge@cityofamericancanyon.org

RTC Enforcement ID : 1003012  
 Violation ID : 1003005  
 Submission Year : 2019  
 Violation First Reported Date : 2013-06-26  
 Contaminant Name : Surface Water Treatment Rule  
 Rule Family : Surface Water Treatment Rules  
 Rule Group : Microbials  
 Rule Name : Surface Water Treatment Rule  
 Violation Type : Treatment Technique (SWTR and GWR)  
 Is Health Based : Y  
 Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 2  
 Address Line 1 : 205 Wetlands Edge Road, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Returned to Compliance  
 RTC Date : 2010-06-03  
 Enforcement Action Description : State Compliance achieved  
 Admin Name : HODGE, TERRY  
 Email Address : thodge@cityofamericancanyon.org

RTC Enforcement ID : 903008  
 Violation ID : 803004  
 Submission Year : 2019  
 Violation First Reported Date : 2009-06-08  
 Contaminant Name : Interim Enhanced Surface Water Treatment Rule  
 Rule Family : Surface Water Treatment Rules  
 Rule Group : Microbials  
 Rule Name : Long Term 1 Enhanced Surface Water Treatment Rule  
 Violation Type : Single Turbidity Exceed (Enhanced SWTR)  
 Is Health Based : Y  
 Is Major Violation : N/R  
 Severity Indicator Count : 12  
 Public Notification Tier : 1  
 Address Line 1 : 205 Wetlands Edge Road, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Returned to Compliance  
 RTC Date : 2008-10-09  
 Enforcement Action Description : State Compliance achieved  
 Admin Name : HODGE, TERRY  
 Email Address : thodge@cityofamericancanyon.org

Map Id: 4  
 Direction: ESE  
 Distance: 0.008 mi., 41 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [PWS, PWS ENF] **(cont.)**

**Envirosite ID:** 497422  
**EPA ID:** N/R

**PWS ENF (cont.)**

RTC Enforcement ID : 9903007  
 Violation ID : 9903006  
 Submission Year : 2019  
 Violation First Reported Date : 2017-11-15  
 Contaminant Name : TTHM  
 Rule Family : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Rule Group : Disinfectants and Disinfection Byproducts Rule  
 Rule Name : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Violation Type : Maximum Contaminant Level Violation, Average  
 Is Health Based : Y  
 Is Major Violation : N/R  
 Severity Indicator Count : 1  
 Public Notification Tier : 2  
 Address Line 1 : 205 Wetlands Edge Road, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Returned to Compliance  
 RTC Date : 2018-03-08  
 Enforcement Action Description : State Compliance achieved  
 Admin Name : HODGE, TERRY  
 Email Address : thodge@cityofamericancanyon.org

RTC Enforcement ID : 9903008  
 Violation ID : 603002  
 Submission Year : 2019  
 Violation First Reported Date : 2006-09-08  
 Contaminant Name : Coliform (TCR)  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Total Coliform Rule  
 Violation Type : Maximum Contaminant Level Violation, Monthly (TCR)  
 Is Health Based : Y  
 Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 2  
 Address Line 1 : 205 Wetlands Edge Road, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Returned to Compliance  
 RTC Date : 2019-01-28  
 Enforcement Action Description : State Compliance achieved  
 Admin Name : HODGE, TERRY  
 Email Address : thodge@cityofamericancanyon.org

RTC Enforcement ID : 9903009  
 Violation ID : 9903003  
 Submission Year : 2019  
 Violation First Reported Date : 2007-05-17  
 Contaminant Name : Coliform (TCR)  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Total Coliform Rule  
 Violation Type : Maximum Contaminant Level Violation, Monthly (TCR)

Map Id: 4  
 Direction: ESE  
 Distance: 0.008 mi., 41 ft.  
 Elevation: 14 ft.  
 Relative: Higher

**Site Name :** CITY OF AMERICAN CANYON CORPORATION YARD | CITY OF AMERICAN CANYON /ACCOUNTS PAYABLE | CITY OF AMERICAN CANYON 205 WETLANDS EDGE ROAD AMERICAN CANYON | American Canyon, CA

**Database(s) :** [PWS, PWS ENF] **(cont.)**

**Envirosite ID:** 497422  
**EPA ID:** N/R

**PWS ENF (cont.)**

Is Health Based : Y  
 Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 2  
 Address Line 1 : 205 Wetlands Edge Road, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Returned to Compliance  
 RTC Date : 2019-01-28  
 Enforcement Action Description : State Compliance achieved  
 Admin Name : HODGE, TERRY  
 Email Address : thodge@cityofamericancanyon.org

RTC Enforcement ID : 9903010  
 Violation ID : 9903005  
 Submission Year : 2019  
 Violation First Reported Date : 2014-11-20  
 Contaminant Name : Coliform (TCR)  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Total Coliform Rule  
 Violation Type : Monitoring, Repeat Major (TCR)  
 Is Health Based : N  
 Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3  
 Address Line 1 : 205 Wetlands Edge Road, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Returned to Compliance  
 RTC Date : 2019-01-28  
 Enforcement Action Description : State Compliance achieved  
 Admin Name : HODGE, TERRY  
 Email Address : thodge@cityofamericancanyon.org

Map Id: 5  
 Direction: S  
 Distance: 0.088 mi., 466 ft.  
 Elevation: 5 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1598333, -122.2783333  
 CA

**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36722924  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2015-06-25  
 Time : 13:29:12  
 ID Number : nc72471966  
 Status : N/R  
 Type : earthquake

Map Id: 5  
 Direction: S  
 Distance: 0.088 mi., 466 ft.  
 Elevation: 5 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1598333, -122.2783333  
 CA  
**Database(s) :** [EPICENTERS] **(cont.)**

**Envirosite ID:** 36722924  
**EPA ID:** N/R

**EPICENTERS (cont.)**

Depth : 8.53  
 Magnitude : 1.61  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 34  
 Gap : 146  
 DMIN : 0.03835  
 RMS : 0.1  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1598333  
 Longitude : -122.2783333  
 Last Date in Agency List : 2015-07-13

Map Id: 6  
 Direction: NW  
 Distance: 0.150 mi., 791 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1808319, -122.2894974  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 7275760  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2014-10-06  
 Time : 19:55:39  
 ID Number : nc72320606  
 Status : N/R  
 Type : earthquake  
 Depth : 7.98  
 Magnitude : 1.9  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 25  
 Gap : 155  
 DMIN : 0.06028  
 RMS : 0.1  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1808319  
 Longitude : -122.2894974  
 Last Date in Agency List : 2014-10-14



Map Id: 7  
Direction: NNE  
Distance: 0.172 mi., 906 ft.  
Elevation: 20 ft.  
Relative: Higher

<b>Site Name :</b> N/R 38.1838333, -122.2726667 CA
<b>Database(s) :</b> [EPICENTERS]

Envirosite ID: 7280319  
EPA ID: N/R

## EPICENTERS

Updated Date :	2014-05-17
Time :	10:45:13
ID Number :	nc72216661
Status :	N/R
Type :	earthquake
Depth :	8.18
Magnitude :	1.3
Magnitude Type :	Duration (Md)
Magnitude Error :	N/R
Magnitude NST :	N/R
Magnitude Source :	N/R
NST :	28
Gap :	94
DMIN :	0.06227
RMS :	0.11
Net :	nc
Horizontal Error :	N/R
Depth Error :	N/R
Location Source :	N/R
Latitude :	38.1838333
Longitude :	-122.2726667
Last Date in Agency List :	2014-07-15

Map Id: 8  
Direction: W  
Distance: 0.354 mi., 1871 ft.  
Elevation: 4 ft.  
Relative: Lower

<b>Site Name :</b> N/R 38.171, -122.292 CA
<b>Database(s) :</b> [EPICENTERS]

Envirosite ID: 8533905  
EPA ID: N/R

## EPICENTERS

Updated Date :	2015-06-16
Time :	03:47:03
ID Number :	nc72465861
Status :	N/R
Type :	earthquake
Depth :	8.36
Magnitude :	2.02
Magnitude Type :	Duration (Md)
Magnitude Error :	N/R
Magnitude NST :	N/R
Magnitude Source :	N/R
NST :	62
Gap :	56
DMIN :	0.05114
RMS :	0.13
Net :	nc
Horizontal Error :	N/R
Depth Error :	N/R
Location Source :	N/R
Latitude :	38.171

Map Id: 8  
 Direction: W  
 Distance: 0.354 mi., 1871 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.171, -122.292  
 CA  
**Database(s) :** [EPICENTERS] (**cont.**)

**Envirosite ID:** 8533905  
**EPA ID:** N/R

**EPICENTERS (cont.)**

Longitude : -122.292  
 Last Date in Agency List : 2015-07-13

Map Id: 9  
 Direction: SW  
 Distance: 0.375 mi., 1981 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1588333, -122.2926667  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36797048  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2014-12-20  
 Time : 12:52:27  
 ID Number : nc72365116  
 Status : N/R  
 Type : earthquake  
 Depth : 6.21  
 Magnitude : 1.25  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 19  
 Gap : 79  
 DMIN : 0.03971  
 RMS : 0.15  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1588333  
 Longitude : -122.2926667  
 Last Date in Agency List : 2015-01-14

Map Id: 10  
 Direction: W  
 Distance: 0.376 mi., 1984 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1748, -122.2928  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 7275025  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2014-09-11  
 Time : 01:14:10  
 ID Number : nc72289146

Map Id: 10  
 Direction: W  
 Distance: 0.376 mi., 1984 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1748, -122.2928  
 CA

**Database(s) :** [EPICENTERS] **(cont.)**

**Envirosite ID:** 7275025  
**EPA ID:** N/R

**EPICENTERS (cont.)**

Status :	N/R
Type :	earthquake
Depth :	9.2
Magnitude :	2.2
Magnitude Type :	Duration (Md)
Magnitude Error :	N/R
Magnitude NST :	N/R
Magnitude Source :	N/R
NST :	86
Gap :	61.2
DMIN :	0.05389892
RMS :	0.15
Net :	nc
Horizontal Error :	N/R
Depth Error :	N/R
Location Source :	N/R
Latitude :	38.1748
Longitude :	-122.2928
Last Date in Agency List :	2014-10-14

Map Id: 11  
 Direction: NE  
 Distance: 0.394 mi., 2081 ft.  
 Elevation: 227 ft.  
 Relative: Higher

**Site Name :** TOWER  
 38.186806, -122.264417  
 AMERICAN CANYON, CA

**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 813167  
**EPA ID:** N/R

**DIGITAL OBSTACLE**

Date of Action :	2015-03-20
Action :	Change
FAA Study Number :	2015AWP01423OE
OBS Number :	06-002129
Obstacle Type :	TOWER
City Name :	AMERICAN CANYON
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00037
Above Mean Sea Level Height (Feet) :	00275
Horizontal Accuracy :	+ -20'
Vertical Accuracy :	+ -3'
Latitude :	38 11 12.50N
Longitude :	122 15 51.90W

Map Id: 12  
Direction: WNW  
Distance: 0.432 mi., 2281 ft.  
Elevation: 4 ft.  
Relative: Lower

**Site Name :** N/R  
38.1773333, -122.2958333  
CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 8534389  
**EPA ID:** N/R

## EPICENTERS

Updated Date : 2015-07-02  
Time : 06:49:43  
ID Number : nc72476181  
Status : N/R  
Type : earthquake  
Depth : 8.63  
Magnitude : 1.32  
Magnitude Type : Duration (Md)  
Magnitude Error : N/R  
Magnitude NST : N/R  
Magnitude Source : N/R  
NST : 29  
Gap : 84  
DMIN : 0.05805  
RMS : 0.12  
Net : nc  
Horizontal Error : N/R  
Depth Error : N/R  
Location Source : N/R  
Latitude : 38.1773333  
Longitude : -122.2958333  
Last Date in Agency List : 2015-07-13

Map Id: 13  
Direction: WNW  
Distance: 0.445 mi., 2348 ft.  
Elevation: 4 ft.  
Relative: Lower

**Site Name :** N/R  
38.1811667, -122.2958333  
CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36795830  
**EPA ID:** N/R

## EPICENTERS

Updated Date : 2014-12-12  
Time : 17:46:58  
ID Number : nc72360061  
Status : N/R  
Type : earthquake  
Depth : 9.28  
Magnitude : 1.24  
Magnitude Type : Duration (Md)  
Magnitude Error : N/R  
Magnitude NST : N/R  
Magnitude Source : N/R  
NST : 21  
Gap : 84  
DMIN : 0.06073  
RMS : 0.1  
Net : nc  
Horizontal Error : N/R  
Depth Error : N/R  
Location Source : N/R  
Latitude : 38.1811667

Map Id: 13  
 Direction: WNW  
 Distance: 0.445 mi., 2348 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1811667, -122.2958333  
 CA  
**Database(s) :** [EPICENTERS] **(cont.)**

**Envirosite ID:** 36795830  
**EPA ID:** N/R

**EPICENTERS (cont.)**

Longitude : -122.2958333  
 Last Date in Agency List : 2015-01-14

Map Id: 14  
 Direction: W  
 Distance: 0.448 mi., 2366 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.176, -122.2955  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36816654  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2014-09-08  
 Time : 22:32:46  
 ID Number : nc72285736  
 Status : N/R  
 Type : earthquake  
 Depth : 9.3  
 Magnitude : 1.6  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 32  
 Gap : 122.4  
 DMIN : 0.05389892  
 RMS : 0.06  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.176  
 Longitude : -122.2955  
 Last Date in Agency List : 2014-10-14

Map Id: 15  
 Direction: W  
 Distance: 0.457 mi., 2412 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1716667, -122.294  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36712290  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2015-03-05  
 Time : 14:29:48  
 ID Number : nc72403155

Map Id: 15  
 Direction: W  
 Distance: 0.457 mi., 2412 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1716667, -122.294  
 CA  
**Database(s) :** [EPICENTERS] (**cont.**)

**Envirosite ID:** 36712290  
**EPA ID:** N/R

**EPICENTERS (cont.)**

Status :	N/R
Type :	earthquake
Depth :	8.19
Magnitude :	1
Magnitude Type :	Duration (Md)
Magnitude Error :	N/R
Magnitude NST :	N/R
Magnitude Source :	N/R
NST :	26
Gap :	84
DMIN :	0.05221
RMS :	0.11
Net :	nc
Horizontal Error :	N/R
Depth Error :	N/R
Location Source :	N/R
Latitude :	38.1716667
Longitude :	-122.294
Last Date in Agency List :	2015-04-14

Map Id: A16  
 Direction: NE  
 Distance: 0.469 mi., 2475 ft.  
 Elevation: 254 ft.  
 Relative: Higher

**Site Name :** POLE  
 38.184633, -122.263881  
 NAPA, CA  
**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 823156  
**EPA ID:** N/R

**DIGITAL OBSTACLE**

Date of Action :	2017-07-13
Action :	Change
FAA Study Number :	N/R
OBS Number :	06-023508
Obstacle Type :	POLE
City Name :	NAPA
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00032
Above Mean Sea Level Height (Feet) :	00318
Horizontal Accuracy :	+ -20'
Vertical Accuracy :	+ -10'
Latitude :	38 11 04.68N
Longitude :	122 15 49.97W



Map Id: A17  
Direction: NE  
Distance: 0.474 mi., 2505 ft.  
Elevation: 259 ft.  
Relative: Higher

**Site Name :** TOWER  
38.184611, -122.263778  
AMERICAN CANYON, CA  
**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 813391  
**EPA ID:** N/R

## DIGITAL OBSTACLE

Date of Action : 2015-07-30  
Action : Change  
FAA Study Number : 2010AWP065300E  
OBS Number : 06-021547  
Obstacle Type : TOWER  
City Name : AMERICAN CANYON  
State Identifier : CA  
Country Identifier : USA  
Type of Lighting : Red  
Verification Status : Verified  
Quantity : 1  
Mark Indicator : None  
Above Ground Level Height (Feet) : 00048  
Above Mean Sea Level Height (Feet) : 00306  
Horizontal Accuracy : +-500'  
Vertical Accuracy : +-125'  
Latitude : 38 11 04.60N  
Longitude : 122 15 49.60W

Map Id: A18  
Direction: NE  
Distance: 0.476 mi., 2512 ft.  
Elevation: 256 ft.  
Relative: Higher

**Site Name :** TANK  
38.184525, -122.263806  
AMERICAN CANYON, CA  
**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 819184  
**EPA ID:** N/R

## DIGITAL OBSTACLE

Date of Action : 2015-07-30  
Action : Add  
FAA Study Number : N/R  
OBS Number : 06-038207  
Obstacle Type : TANK  
City Name : AMERICAN CANYON  
State Identifier : CA  
Country Identifier : USA  
Type of Lighting : Unknown  
Verification Status : Verified  
Quantity : 1  
Mark Indicator : None  
Above Ground Level Height (Feet) : 00061  
Above Mean Sea Level Height (Feet) : 00315  
Horizontal Accuracy : +-20'  
Vertical Accuracy : +-10'  
Latitude : 38 11 04.29N  
Longitude : 122 15 49.70W

Map Id: 19  
Direction: WNW  
Distance: 0.483 mi., 2552 ft.  
Elevation: 4 ft.  
Relative: Lower

**Site Name :** N/R  
38.1796667, -122.297  
CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36730589  
**EPA ID:** N/R

## EPICENTERS

Updated Date : 2014-10-02  
Time : 13:12:19  
ID Number : nc72284611  
Status : N/R  
Type : earthquake  
Depth : 9.96  
Magnitude : 2.71  
Magnitude Type : Duration (Md)  
Magnitude Error : N/R  
Magnitude NST : N/R  
Magnitude Source : N/R  
NST : 161  
Gap : 56  
DMIN : 0.06054  
RMS : 0.13  
Net : nc  
Horizontal Error : N/R  
Depth Error : N/R  
Location Source : N/R  
Latitude : 38.1796667  
Longitude : -122.297  
Last Date in Agency List : 2014-10-14

Map Id: 20  
Direction: NE  
Distance: 0.490 mi., 2585 ft.  
Elevation: 228 ft.  
Relative: Higher

**Site Name :** POLE  
38.185719, -122.262928  
NAPA, CA  
**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 823157  
**EPA ID:** N/R

## DIGITAL OBSTACLE

Date of Action : 2017-06-28  
Action : Change  
FAA Study Number : N/R  
OBS Number : 06-023574  
Obstacle Type : POLE  
City Name : NAPA  
State Identifier : CA  
Country Identifier : USA  
Type of Lighting : Unknown  
Verification Status : Verified  
Quantity : 1  
Mark Indicator : None  
Above Ground Level Height (Feet) : 00041  
Above Mean Sea Level Height (Feet) : 00274  
Horizontal Accuracy : +-20'  
Vertical Accuracy : +-10'  
Latitude : 38 11 08.59N  
Longitude : 122 15 46.54W

Map Id: 21  
Direction: WSW  
Distance: 0.526 mi., 2780 ft.  
Elevation: 4 ft.  
Relative: Lower

**Site Name :** N/R  
38.1643333, -122.296  
CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36724094  
**EPA ID:** N/R

## EPICENTERS

Updated Date : 2014-12-04  
Time : 22:15:55  
ID Number : nc72352721  
Status : N/R  
Type : earthquake  
Depth : 7.92  
Magnitude : 1.58  
Magnitude Type : Duration (Md)  
Magnitude Error : N/R  
Magnitude NST : N/R  
Magnitude Source : N/R  
NST : 40  
Gap : 80  
DMIN : 0.04577  
RMS : 0.13  
Net : nc  
Horizontal Error : N/R  
Depth Error : N/R  
Location Source : N/R  
Latitude : 38.1643333  
Longitude : -122.296  
Last Date in Agency List : 2015-01-14

Map Id: B22  
Direction: NE  
Distance: 0.530 mi., 2798 ft.  
Elevation: 233 ft.  
Relative: Higher

**Site Name :** POLE  
38.183069, -122.26245  
NAPA, CA  
**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 823155  
**EPA ID:** N/R

## DIGITAL OBSTACLE

Date of Action : 2017-07-07  
Action : Change  
FAA Study Number : N/R  
OBS Number : 06-023572  
Obstacle Type : POLE  
City Name : NAPA  
State Identifier : CA  
Country Identifier : USA  
Type of Lighting : Unknown  
Verification Status : Verified  
Quantity : 1  
Mark Indicator : Unknown  
Above Ground Level Height (Feet) : 00036  
Above Mean Sea Level Height (Feet) : 00277  
Horizontal Accuracy : +-20'  
Vertical Accuracy : +-10'  
Latitude : 38 10 59.05N  
Longitude : 122 15 44.82W

Map Id: B23  
Direction: NE  
Distance: 0.538 mi., 2839 ft.  
Elevation: 235 ft.  
Relative: Higher

**Site Name :** TOWER  
38.183, -122.262283  
VALLEJO, CA  
**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 814336  
**EPA ID:** N/R

## DIGITAL OBSTACLE

Date of Action : 2016-06-02  
Action : Add  
FAA Study Number : 2015AWP09925OE  
OBS Number : 06-038761  
Obstacle Type : TOWER  
City Name : VALLEJO  
State Identifier : CA  
Country Identifier : USA  
Type of Lighting : None  
Verification Status : Verified  
Quantity : 1  
Mark Indicator : None  
Above Ground Level Height (Feet) : 00033  
Above Mean Sea Level Height (Feet) : 00277  
Horizontal Accuracy : +-20'  
Vertical Accuracy : +-3'  
Latitude : 38 10 58.80N  
Longitude : 122 15 44.22W

Map Id: C24  
Direction: SW  
Distance: 0.547 mi., 2888 ft.  
Elevation: 4 ft.  
Relative: Lower

**Site Name :** T-L TWR  
38.1545, -122.291511  
VALLEJO, CA  
**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 817321  
**EPA ID:** N/R

## DIGITAL OBSTACLE

Date of Action : 2016-05-23  
Action : Change  
FAA Study Number : 2016AWP02324OE  
OBS Number : 06-030870  
Obstacle Type : T-L TWR  
City Name : VALLEJO  
State Identifier : CA  
Country Identifier : USA  
Type of Lighting : None  
Verification Status : Verified  
Quantity : 1  
Mark Indicator : None  
Above Ground Level Height (Feet) : 00289  
Above Mean Sea Level Height (Feet) : 00292  
Horizontal Accuracy : +-500'  
Vertical Accuracy : +-125'  
Latitude : 38 09 16.20N  
Longitude : 122 17 29.44W

Map Id: C25  
Direction: SW  
Distance: 0.553 mi., 2918 ft.  
Elevation: 4 ft.  
Relative: Lower

**Site Name :** T-L TWR  
38.154358, -122.291397  
VALLEJO, CA  
**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 809855  
**EPA ID:** N/R

## DIGITAL OBSTACLE

Date of Action : 2015-09-17  
Action : Change  
FAA Study Number : 2012AWP075200E  
OBS Number : 06-001888  
Obstacle Type : T-L TWR  
City Name : VALLEJO  
State Identifier : CA  
Country Identifier : USA  
Type of Lighting : Red  
Verification Status : Verified  
Quantity : 1  
Mark Indicator : None  
Above Ground Level Height (Feet) : 00259  
Above Mean Sea Level Height (Feet) : 00262  
Horizontal Accuracy : +-20'  
Vertical Accuracy : +-10'  
Latitude : 38 09 15.69N  
Longitude : 122 17 29.03W

Map Id: 26  
Direction: NE  
Distance: 0.570 mi., 3010 ft.  
Elevation: 222 ft.  
Relative: Higher

**Site Name :** T-L TWR  
38.184422, -122.261947  
AMERICAN CANYON, CA  
**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 811975  
**EPA ID:** N/R

## DIGITAL OBSTACLE

Date of Action : 2015-07-30  
Action : Change  
FAA Study Number : N/R  
OBS Number : 06-023573  
Obstacle Type : T-L TWR  
City Name : AMERICAN CANYON  
State Identifier : CA  
Country Identifier : USA  
Type of Lighting : Unknown  
Verification Status : Verified  
Quantity : 1  
Mark Indicator : None  
Above Ground Level Height (Feet) : 00041  
Above Mean Sea Level Height (Feet) : 00261  
Horizontal Accuracy : +-20'  
Vertical Accuracy : +-10'  
Latitude : 38 11 03.92N  
Longitude : 122 15 43.01W

Map Id: 27  
 Direction: W  
 Distance: 0.586 mi., 3094 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.175, -122.2977  
 CA

**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36813761  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2014-09-07  
 Time : 23:27:00  
 ID Number : nc72284921  
 Status : N/R  
 Type : earthquake  
 Depth : 9.7  
 Magnitude : 2.1  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 95  
 Gap : 28.8  
 DMIN : 0.05389892  
 RMS : 0.1  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.175  
 Longitude : -122.2977  
 Last Date in Agency List : 2014-10-14

Map Id: 28  
 Direction: NNW  
 Distance: 0.601 mi., 3175 ft.  
 Elevation: 32 ft.  
 Relative: Higher

**Site Name :** POLE  
 38.197097, -122.283672  
 NAPA, CA

**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 806691  
**EPA ID:** N/R

**DIGITAL OBSTACLE**

Date of Action : 2013-01-03  
 Action : Add  
 FAA Study Number : N/R  
 OBS Number : 06-023568  
 Obstacle Type : POLE  
 City Name : NAPA  
 State Identifier : CA  
 Country Identifier : USA  
 Type of Lighting : Unknown  
 Verification Status : Verified  
 Quantity : 1  
 Mark Indicator : Unknown  
 Above Ground Level Height (Feet) : 00032  
 Above Mean Sea Level Height (Feet) : 00063  
 Horizontal Accuracy : +-20'  
 Vertical Accuracy : +-3'  
 Latitude : 38 11 49.55N  
 Longitude : 122 17 01.22W



Map Id: 29  
 Direction: N  
 Distance: 0.618 mi., 3262 ft.  
 Elevation: 43 ft.  
 Relative: Higher

**Site Name :** USGS-381153122162801 |  
 381153122162801  
 38.197973, -122.275527  
 CA

**Database(s) :** [NWIS, WELLS - GAMA - CA]

**Envirosite ID:** 31284568  
**EPA ID:** N/R

## NWIS

Site Identification Number :	381153122162801
Site Type :	Well
Station Name :	004N004W14C002M
Agency :	U.S. Geological Survey
District :	N/R
State :	CA
County :	Napa County
Country :	USA
Land Net Location :	NENWS14 T04N R04W M
Name of Location Map :	CUTTINGS WHARF
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	34
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	10
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	San Pablo Bay
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NONONNNNNNNNNNNNNNNNNNNNNNNNO
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	2012-04-12
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-Other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	80.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	7479230400
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	2012-04-19
Water-Quality Data End Date :	2012-04-19
Water-Quality Data Count :	2
Field Water-Level Measurements Begin Date:	1963-04-05
Field Water-level Measurements End Date:	2012-04-19
Field Water-Level Measurements Count:	28
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	38.197973
Longitude :	-122.275527
Last Date in Agency List :	2022-05-19

## WELLS - GAMA - CA

**Well Details**  
 Well ID : USGS-381153122162801

Map Id: 29  
 Direction: N  
 Distance: 0.618 mi., 3262 ft.  
 Elevation: 43 ft.  
 Relative: Higher

**Site Name :** USGS-381153122162801 |  
 381153122162801  
 38.197973, -122.275527  
 CA  
**Database(s) :** [NWIS, WELLS - GAMA - CA] **(cont.)**

**Envirosite ID:** 31284568  
**EPA ID:** N/R

**WELLS - GAMA - CA (cont.)**

Well Type :	WATER SUPPLY, OTHER
Well Depth (Ft.) :	80.0
Top of Screen (Ft.) :	N/R
Screen Length (Ft.) :	N/R
Source :	N/R
Data Source :	NWIS
Source Name :	USGS-381153122162801
Other Names :	N/R
Latitude :	38.1979728
Longitude :	-122.2755275
Last Date in Agency List :	2022-05-12

**GM Chemicals**

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your EnviroSite account representative for a complimentary site report containing all of the details available.

Samp Collection Date :	2012-04-19
Chemical :	DBCP (1,2-Dibromo-3-chloropropane (DBCP)) ND UG/L
CAS Number :	N/R
Reporting Limit :	.4

Samp Collection Date :	2012-04-19
Chemical :	TBME (Bromoform (THM)) ND UG/L
CAS Number :	N/R
Reporting Limit :	.1

Samp Collection Date :	2012-04-19
Chemical :	SC (Specific Conductivity) 1520 UMHOS/CM
CAS Number :	N/R
Reporting Limit :	5

Samp Collection Date :	2012-04-19
Chemical :	DIELDRIN (Dieldrin) .065 UG/L
CAS Number :	N/R
Reporting Limit :	.008

Samp Collection Date :	2012-04-19
Chemical :	TCLME (Chloroform (THM)) .03 UG/L
CAS Number :	N/R
Reporting Limit :	.03

Samp Collection Date :	2012-04-19
Chemical :	DICHLORVOS (Dichlorvos (DDVP)) ND UG/L
CAS Number :	N/R
Reporting Limit :	.04

Map Id: 29  
 Direction: N  
 Distance: 0.618 mi., 3262 ft.  
 Elevation: 43 ft.  
 Relative: Higher

**Site Name :** USGS-381153122162801 |  
 381153122162801  
 38.197973, -122.275527  
 CA

**Database(s) :** [NWIS, WELLS - GAMA - CA] **(cont.)**

**Envirosite ID:** 31284568  
**EPA ID:** N/R

**WELLS - GAMA - CA (cont.)**

Samp Collection Date :	2012-04-19
Chemical :	NO2 (Nitrite as N) .007 MG/L
CAS Number :	N/R
Reporting Limit :	.001
Samp Collection Date :	2012-04-19
Chemical :	TCPR123 (1,2,3-Trichloropropane (1,2,3 TCP)) ND UG/L
CAS Number :	N/R
Reporting Limit :	.005
Samp Collection Date :	2012-04-19
Chemical :	ETBE (Ethyl tertiary butyl ether (ETBE)) ND UG/L
CAS Number :	N/R
Reporting Limit :	.032
Samp Collection Date :	2012-04-19
Chemical :	H-3 (Tritium) 5.6 pCi/L
CAS Number :	N/R
Reporting Limit :	N/R

**Source Details**

Datum :	NAD83
Well Depth (Ft.) :	80
Top of Screen (Ft.) :	N/R
Screen Length (Ft.) :	N/R
Latitude :	38.1979728
Longitude :	-122.2755275

**Source Chemicals**

Samp Collection Date-Time :	2012-04-19 10:30:00
Chemical :	1,2,3-Trichloropropane Not Detected UG/L
Analytical Method :	N/R
Reporting Limit :	0.0050
Lab Note :	N/R
Samp Collection Date-Time :	2012-04-19 10:30:00
Chemical :	Perchlorate 1.62 UG/L
Analytical Method :	N/R
Reporting Limit :	0.10
Lab Note :	N/R
Samp Collection Date-Time :	2012-04-19 10:20:00
Chemical :	1,2-Dibromo-3-chloropropane Not Detected UG/L
Analytical Method :	USGS OF 97-829
Reporting Limit :	0.40
Lab Note :	N/R

Map Id: 29  
 Direction: N  
 Distance: 0.618 mi., 3262 ft.  
 Elevation: 43 ft.  
 Relative: Higher

**Site Name :** USGS-381153122162801 |  
 381153122162801  
 38.197973, -122.275527  
 CA  
**Database(s) :** [NWIS, WELLS - GAMA - CA] **(cont.)**

**Envirosite ID:** 31284568  
**EPA ID:** N/R

**WELLS - GAMA - CA (cont.)**

Samp Collection Date-Time : Chemical : Analytical Method : Reporting Limit : Lab Note :	2012-04-19 10:20:00 Tribromomethane Not Detected UG/L USGS OF 97-829 0.1 N/R
Samp Collection Date-Time : Chemical : Analytical Method : Reporting Limit : Lab Note :	2012-04-19 10:20:00 Specific conductance 1520 US/CM @25C USGS TWRI 5-A1/1989, p 461 5 N/R
Samp Collection Date-Time : Chemical : Analytical Method : Reporting Limit : Lab Note :	2012-04-19 10:20:00 Dieldrin 0.065 UG/L USGS OF 95-181 0.008 N/R
Samp Collection Date-Time : Chemical : Analytical Method : Reporting Limit : Lab Note :	2012-04-19 10:20:00 Chloroform 0.03 UG/L USGS OF 97-829 0.03 N/R
Samp Collection Date-Time : Chemical : Analytical Method : Reporting Limit : Lab Note :	2012-04-19 10:20:00 Dichlorvos Not Detected UG/L USGS WRI 01-4098 0.04 N/R
Samp Collection Date-Time : Chemical : Analytical Method : Reporting Limit : Lab Note :	2012-04-19 10:20:00 Nitrite 0.007 MG/L AS N N/R 0.0010 N/R
Samp Collection Date-Time : Chemical : Analytical Method : Reporting Limit : Lab Note :	2012-04-19 10:20:00 Ethyl tert-butyl ether Not Detected UG/L USGS OF 97-829 0.032 N/R

Map Id: 30  
 Direction: SSW  
 Distance: 0.618 mi., 3265 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.153, -122.2905  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36713519  
**EPA ID:** N/R

EPICENTERS

Updated Date : 2016-09-09  
 Time : 00:35:26  
 ID Number : nc72669140  
 Status : reviewed  
 Type : earthquake  
 Depth : 10.44  
 Magnitude : 2.94  
 Magnitude Type : Duration (Md)  
 Magnitude Error : 0.203  
 Magnitude NST : 110  
 Magnitude Source : nc  
 NST : 164  
 Gap : 50  
 DMIN : 0.03362  
 RMS : 0.18  
 Net : nc  
 Horizontal Error : 0.14  
 Depth Error : 0.28  
 Location Source : nc  
 Latitude : 38.153  
 Longitude : -122.2905  
 Last Date in Agency List : 2016-09-29

Map Id: 31  
 Direction: WNW  
 Distance: 0.660 mi., 3485 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1788, -122.3003  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36728762  
**EPA ID:** N/R

EPICENTERS

Updated Date : 2014-09-06  
 Time : 12:37:59  
 ID Number : nc72284596  
 Status : N/R  
 Type : earthquake  
 Depth : 10.7  
 Magnitude : 1.8  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 54  
 Gap : 82.8  
 DMIN : 0.06288207  
 RMS : 0.1  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1788

Map Id: 31  
 Direction: WNW  
 Distance: 0.660 mi., 3485 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1788, -122.3003  
 CA  
**Database(s) :** [EPICENTERS] **(cont.)**

**Envirosite ID:** 36728762  
**EPA ID:** N/R

**EPICENTERS (cont.)**

Longitude : -122.3003  
 Last Date in Agency List : 2014-10-14

Map Id: 32  
 Direction: WNW  
 Distance: 0.674 mi., 3562 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1808333, -122.3003333  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36819031  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2014-09-30  
 Time : 07:17:01  
 ID Number : nc72316546  
 Status : N/R  
 Type : earthquake  
 Depth : 11.17  
 Magnitude : 2.5  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 100  
 Gap : 82  
 DMIN : 0.05814  
 RMS : 0.14  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1808333  
 Longitude : -122.3003333  
 Last Date in Agency List : 2014-10-14

Map Id: 33  
 Direction: W  
 Distance: 0.716 mi., 3779 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1733, -122.2992  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 7275801  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2014-09-18  
 Time : 09:36:42  
 ID Number : nc72294406



Map Id: 33  
 Direction: W  
 Distance: 0.716 mi., 3779 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1733, -122.2992  
 CA  
**Database(s) :** [EPICENTERS] (**cont.**)

**Envirosite ID:** 7275801  
**EPA ID:** N/R

**EPICENTERS (cont.)**

Status : N/R  
 Type : earthquake  
 Depth : 4.3  
 Magnitude : 1.2  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 25  
 Gap : 82.8  
 DMIN : 0.05389892  
 RMS : 0.11  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1733  
 Longitude : -122.2992  
 Last Date in Agency List : 2014-10-14

Map Id: 34  
 Direction: WNW  
 Distance: 0.724 mi., 3823 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1805, -122.3013333  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36804280  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2014-11-04  
 Time : 20:25:46  
 ID Number : nc72335356  
 Status : N/R  
 Type : earthquake  
 Depth : 7.94  
 Magnitude : 1.75  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 48  
 Gap : 82  
 DMIN : 0.05774  
 RMS : 0.1  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1805  
 Longitude : -122.3013333  
 Last Date in Agency List : 2015-01-14

Map Id: 35  
 Direction: WNW  
 Distance: 0.727 mi., 3839 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1782, -122.3015  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36723858  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2014-10-07  
 Time : 12:33:16  
 ID Number : nc72284586  
 Status : N/R  
 Type : earthquake  
 Depth : 12.3  
 Magnitude : 3.9  
 Magnitude Type : Moment (mw)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 264  
 Gap : 39.6  
 DMIN : 0.06288207  
 RMS : 0.17  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1782  
 Longitude : -122.3015  
 Last Date in Agency List : 2014-10-14

Map Id: 36  
 Direction: W  
 Distance: 0.727 mi., 3840 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.172, -122.2991667  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36730607  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2014-12-09  
 Time : 05:51:35  
 ID Number : nc72356576  
 Status : N/R  
 Type : earthquake  
 Depth : 8.22  
 Magnitude : 1.57  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 46  
 Gap : 81  
 DMIN : 0.05382  
 RMS : 0.16  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.172

Map Id: 36  
 Direction: W  
 Distance: 0.727 mi., 3840 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.172, -122.2991667  
 CA  
**Database(s) :** [EPICENTERS] **(cont.)**

**Envirosite ID:** 36730607  
**EPA ID:** N/R

**EPICENTERS (cont.)**

Longitude : -122.2991667  
 Last Date in Agency List : 2015-01-14

Map Id: 37  
 Direction: SSE  
 Distance: 0.777 mi., 4103 ft.  
 Elevation: 18 ft.  
 Relative: Higher

**Site Name :** AK2299036  
 1150 Jack London Dr  
 VALLEJO, CA 94589  
**Database(s) :** [PWS, PWS ENF]

**Envirosite ID:** 839613  
**EPA ID:** N/R

**PWS**

Facility Address : 1150 Jack London Dr, VALLEJO, CA 94589

PWS ID : AK2299036  
 PWS Type : Transient non-community system  
 PWS Name : KING FOR A DAY  
 Activity Status : Active  
 Primary Source : Ground water  
 Submission Year : 2022  
 Submission Year Quarter : 2022Q1  
 Population Served Count : 53  
 Service Connections Count : 20  
 Population Category 2 : <10,000  
 Population Category 3 : <=3300  
 Population Category 4 : <10K  
 Population Category 5 : <=500  
 Population Category 11 : <=100  
 Submission Quarter : 1  
 Submission Status Code : Y  
 First Reported Date : 2008-08-14  
 Last Reported Date : 2022-02-14  
 Deactivation Date : N/R  
 GW or SW : Groundwater  
 Is Grant Eligible : Y  
 Is Outstanding Performer : N/R  
 Is School or Daycare : N  
 Is Source Water Protected : N  
 Primacy Agency : Alaska  
 Primacy Type : State  
 Org Name : SCHENK, SKYLAR  
 EPA Region : Region 10  
 Admin Name : SCHENK, SKYLAR  
 Owner Type : Local government  
 Phone Number : 425-367-2185  
 Phone Ext Number : N/R  
 Alt Phone Number : N/R  
 Email Address : kfadcampground@gmail.com  
 Fax Number : N/R  
 Is Wholesaler : N  
 LT2 Schedule Category : N/R

Map Id: 37  
 Direction: SSE  
 Distance: 0.777 mi., 4103 ft.  
 Elevation: 18 ft.  
 Relative: Higher

**Site Name :** AK2299036  
 1150 Jack London Dr  
 VALLEJO, CA 94589  
**Database(s) :** [PWS, PWS ENF] (**cont.**)

**Envirosite ID:** 839613  
**EPA ID:** N/R

**PWS (cont.)**

NPM Candidate : Y  
 CDS ID : N/R  
 DBPR Schedule Category : N/R  
 Outstanding Performer Date : N/R  
 Season Begin Date : 25-May  
 Season End Date : 25-Aug  
 Source Water Protection Date : N/R  
 Seasonal Startup System : Not Pressurized All Year  
 Reduced Monitoring Begin Date : 2016-04-01  
 Reduced Monitoring End Date : N/R  
 Reduced RTCR Monitoring : Quarterly  
 Last Date in Agency List : 2022-05-10

**PWS ENF**

Facility Address : 1150 Jack London Dr, VALLEJO, CA 94589

**Site Details**

PWS ID : AK2299036  
 PWS Name : KING FOR A DAY  
 EPA Region : Region 10  
 Primacy Agency : Alaska  
 PWS Type : Transient non-community system  
 Primacy Type : State  
 Primary Source : Ground water  
 Activity Status : Active  
 Deactivation Date : N/R  
 Owner Type : Local government  
 Phone Number : 425-367-2185  
 Last Date in Agency List : 2022-03-28

**Violation Details**

RTC Enforcement ID : N/R  
 Violation ID : 109  
 Submission Year : 2021  
 Violation First Reported Date : 2014-09-08  
 Contaminant Name : Coliform (TCR)  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Total Coliform Rule  
 Violation Type : Monitoring, Repeat Major (TCR)  
 Is Health Based : N  
 Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3  
 Address Line 1 : 1150 Jack London Dr, VALLEJO, 94589  
 Address Line 2 : N/R  
 Compliance Status : Known  
 RTC Date : N/R  
 Enforcement Action Description : State Public Notification requested  
 Admin Name : SCHENK, SKYLAR  
 Email Address : kfadcampground@gmail.com

Map Id: 37  
 Direction: SSE  
 Distance: 0.777 mi., 4103 ft.  
 Elevation: 18 ft.  
 Relative: Higher

**Site Name :** AK2299036  
 1150 Jack London Dr  
 VALLEJO, CA 94589  
**Database(s) :** [PWS, PWS ENF] (**cont.**)

**EnviroSite ID:** 839613  
**EPA ID:** N/R

**PWS ENF (cont.)**

RTC Enforcement ID : N/R  
 Violation ID : 316  
 Submission Year : 2021  
 Violation First Reported Date : 2021-11-12  
 Contaminant Name : Revised Total Coliform Rule  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Revised Total Coliform Rule  
 Violation Type : Monitoring, Routine (RTCR)  
 Is Health Based : N  
 Is Major Violation : Y  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3  
 Address Line 1 : 1150 Jack London Dr, VALLEJO, 94589  
 Address Line 2 : N/R  
 Compliance Status : Known  
 RTC Date : N/R  
 Enforcement Action Description : N/R  
 Admin Name : SCHENK, SKYLAR  
 Email Address : kfadcampground@gmail.com

RTC Enforcement ID : N/R  
 Violation ID : 209  
 Submission Year : 2021  
 Violation First Reported Date : 2008-11-13  
 Contaminant Name : Coliform (TCR)  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Total Coliform Rule  
 Violation Type : Monitoring, Routine Major (TCR)  
 Is Health Based : N  
 Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3  
 Address Line 1 : 1150 Jack London Dr, VALLEJO, 94589  
 Address Line 2 : N/R  
 Compliance Status : Known  
 RTC Date : N/R  
 Enforcement Action Description : State Public Notification requested  
 Admin Name : SCHENK, SKYLAR  
 Email Address : kfadcampground@gmail.com

RTC Enforcement ID : N/R  
 Violation ID : 309  
 Submission Year : 2021  
 Violation First Reported Date : 2008-11-13  
 Contaminant Name : Coliform (TCR)  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Total Coliform Rule  
 Violation Type : Monitoring, Repeat Major (TCR)  
 Is Health Based : N  
 Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3

Map Id: 37  
 Direction: SSE  
 Distance: 0.777 mi., 4103 ft.  
 Elevation: 18 ft.  
 Relative: Higher

**Site Name :** AK2299036  
 1150 Jack London Dr  
 VALLEJO, CA 94589  
**Database(s) :** [PWS, PWS ENF] (**cont.**)

**Envirosite ID:** 839613  
**EPA ID:** N/R

**PWS ENF (cont.)**

Address Line 1 : 1150 Jack London Dr, VALLEJO, 94589  
 Address Line 2 : N/R  
 Compliance Status : Known  
 RTC Date : N/R  
 Enforcement Action Description : N/R  
 Admin Name : SCHENK, SKYLAR  
 Email Address : kfadcampground@gmail.com

RTC Enforcement ID : N/R  
 Violation ID : 311  
 Submission Year : 2021  
 Violation First Reported Date : 2015-11-25  
 Contaminant Name : Coliform (TCR)  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Total Coliform Rule  
 Violation Type : Monitoring, Routine Major (TCR)  
 Is Health Based : N  
 Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3  
 Address Line 1 : 1150 Jack London Dr, VALLEJO, 94589  
 Address Line 2 : N/R  
 Compliance Status : Known  
 RTC Date : N/R  
 Enforcement Action Description : N/R  
 Admin Name : SCHENK, SKYLAR  
 Email Address : kfadcampground@gmail.com

RTC Enforcement ID : 522  
 Violation ID : 314  
 Submission Year : 2021  
 Violation First Reported Date : 2018-02-23  
 Contaminant Name : Nitrate  
 Rule Family : Inorganic Chemicals  
 Rule Group : Chemicals  
 Rule Name : Nitrates  
 Violation Type : Monitoring, Regular  
 Is Health Based : N  
 Is Major Violation : Y  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3  
 Address Line 1 : 1150 Jack London Dr, VALLEJO, 94589  
 Address Line 2 : N/R  
 Compliance Status : Returned to Compliance  
 RTC Date : 2018-05-14  
 Enforcement Action Description : State Compliance achieved  
 Admin Name : SCHENK, SKYLAR  
 Email Address : kfadcampground@gmail.com

RTC Enforcement ID : 522  
 Violation ID : 313  
 Submission Year : 2021  
 Violation First Reported Date : 2017-02-24



Map Id: 37  
 Direction: SSE  
 Distance: 0.777 mi., 4103 ft.  
 Elevation: 18 ft.  
 Relative: Higher

**Site Name :** AK2299036  
 1150 Jack London Dr  
 VALLEJO, CA 94589

**Database(s) :** [PWS, PWS ENF] (**cont.**)

**EnviroSite ID:** 839613  
**EPA ID:** N/R

**PWS ENF (cont.)**

Contaminant Name : Nitrate  
 Rule Family : Inorganic Chemicals  
 Rule Group : Chemicals  
 Rule Name : Nitrates  
 Violation Type : Monitoring, Regular  
 Is Health Based : N  
 Is Major Violation : Y  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3  
 Address Line 1 : 1150 Jack London Dr, VALLEJO, 94589  
 Address Line 2 : N/R  
 Compliance Status : Returned to Compliance  
 RTC Date : 2018-05-14  
 Enforcement Action Description : State Compliance achieved  
 Admin Name : SCHENK, SKYLAR  
 Email Address : kfadcampground@gmail.com

RTC Enforcement ID : 525  
 Violation ID : 315  
 Submission Year : 2021  
 Violation First Reported Date : 2019-08-23  
 Contaminant Name : Revised Total Coliform Rule  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Revised Total Coliform Rule  
 Violation Type : Monitoring, Routine (RTCR)  
 Is Health Based : N  
 Is Major Violation : Y  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3  
 Address Line 1 : 1150 Jack London Dr, VALLEJO, 94589  
 Address Line 2 : N/R  
 Compliance Status : Returned to Compliance  
 RTC Date : 2019-07-31  
 Enforcement Action Description : State Compliance achieved  
 Admin Name : SCHENK, SKYLAR  
 Email Address : kfadcampground@gmail.com

Map Id: D38  
 Direction: SW  
 Distance: 0.780 mi., 4118 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** T-L TWR  
 38.154308, -122.297747  
 VALLEJO, CA

**Database(s) :** [DIGITAL OBSTACLE]

**EnviroSite ID:** 1109088  
**EPA ID:** N/R

**DIGITAL OBSTACLE**

Date of Action : 2019-03-20  
 Action : Change  
 FAA Study Number : 2016AWP023220E  
 OBS Number : 06-000492

Map Id: D38  
Direction: SW  
Distance: 0.780 mi., 4118 ft.  
Elevation: 4 ft.  
Relative: Lower

**Site Name :** T-L TWR  
38.154308, -122.297747  
VALLEJO, CA  
**Database(s) :** [DIGITAL OBSTACLE] (**cont.**)

**Envirosite ID:** 1109088  
**EPA ID:** N/R

## DIGITAL OBSTACLE (**cont.**)

Obstacle Type :	T-L TWR
City Name :	VALLEJO
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00289
Above Mean Sea Level Height (Feet) :	00295
Horizontal Accuracy :	+ -20'
Vertical Accuracy :	+ -3'
Latitude :	38 09 15.51N
Longitude :	122 17 51.89W

Map Id: D39  
Direction: SW  
Distance: 0.788 mi., 4163 ft.  
Elevation: 4 ft.  
Relative: Lower

**Site Name :** T-L TWR  
38.1541, -122.297733  
VALLEJO, CA  
**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 809694  
**EPA ID:** N/R

## DIGITAL OBSTACLE

Date of Action :	2015-03-08
Action :	Change
FAA Study Number :	2012AWP075220E
OBS Number :	06-023504
Obstacle Type :	T-L TWR
City Name :	VALLEJO
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Red
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00259
Above Mean Sea Level Height (Feet) :	00264
Horizontal Accuracy :	+ -20'
Vertical Accuracy :	+ -3'
Latitude :	38 09 14.76N
Longitude :	122 17 51.84W

Map Id: 40  
 Direction: WNW  
 Distance: 0.792 mi., 4181 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1817, -122.3023  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 7278037  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2014-10-06  
 Time : 10:56:23  
 ID Number : nc72291211  
 Status : N/R  
 Type : earthquake  
 Depth : 11.1  
 Magnitude : 2.9  
 Magnitude Type : Local (ml)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 253  
 Gap : 54  
 DMIN : 0.05389892  
 RMS : 0.15  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1817  
 Longitude : -122.3023  
 Last Date in Agency List : 2014-10-14

Map Id: 41  
 Direction: N  
 Distance: 0.795 mi., 4198 ft.  
 Elevation: 27 ft.  
 Relative: Higher

**Site Name :** BLDG  
 38.200592, -122.279992  
 AMERICAN CANYON, CA  
**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 802053  
**EPA ID:** N/R

**DIGITAL OBSTACLE**

Date of Action : 2015-08-06  
 Action : Change  
 FAA Study Number : N/R  
 OBS Number : 06-023471  
 Obstacle Type : BLDG  
 City Name : AMERICAN CANYON  
 State Identifier : CA  
 Country Identifier : USA  
 Type of Lighting : Unknown  
 Verification Status : Verified  
 Quantity : 1  
 Mark Indicator : None  
 Above Ground Level Height (Feet) : 00045  
 Above Mean Sea Level Height (Feet) : 00072  
 Horizontal Accuracy : +-20'  
 Vertical Accuracy : +-10'  
 Latitude : 38 12 02.13N  
 Longitude : 122 16 47.97W

Map Id: 42  
 Direction: WSW  
 Distance: 0.807 mi., 4262 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1662, -122.3018  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 7274972  
**EPA ID:** N/R

**EPICENTERS**

Updated Date : 2014-04-24  
 Time : 20:34:23  
 ID Number : nc72199765  
 Status : N/R  
 Type : earthquake  
 Depth : 8.8  
 Magnitude : 1  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : N/R  
 Gap : 147.6  
 DMIN : 0.04491576  
 RMS : 0.06  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1662  
 Longitude : -122.3018  
 Last Date in Agency List : 2014-07-15

Map Id: 43  
 Direction: ESE  
 Distance: 0.820 mi., 4328 ft.  
 Elevation: 40 ft.  
 Relative: Higher

**Site Name :** 380945122150301  
 38.162418, -122.251915  
 CA  
**Database(s) :** [NWIS]

**Envirosite ID:** 9236786  
**EPA ID:** N/R

**NWIS**

Site Identification Number : 380945122150301  
 Site Type : Well  
 Station Name : 004N004W25K001M  
 Agency : U.S. Geological Survey  
 District : N/R  
 State : CA  
 County : Napa County  
 Country : USA  
 Land Net Location : NWSES25 T04N R04W M  
 Name of Location Map : CUTTINGS WHARF  
 Scale of Location Map : 024000  
 Altitude of Gage/Land Surface : 37  
 Method Altitude Determined : Interpolated from topographic map.  
 Altitude Accuracy : 10  
 Altitude Datum : National Geodetic Vertical Datum of 1929  
 Hydrologic Unit : San Pablo Bay  
 Drainage Basin : N/R  
 Topographic Setting : Valley flat  
 Flags for the Type of Data Collected : NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNO  
 Flags for Instruments at Site : NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN

Map Id: 43  
 Direction: ESE  
 Distance: 0.820 mi., 4328 ft.  
 Elevation: 40 ft.  
 Relative: Higher

**Site Name :** 380945122150301  
 38.162418, -122.251915  
 CA  
**Database(s) :** [NWIS] (*cont.*)

**Envirosite ID:** 9236786  
**EPA ID:** N/R

**NWIS (*cont.*)**

Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-Other GW Files :	YYNNYYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	13.5
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	7479230400
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Measurements Begin Date:	1949-11-08
Field Water-level Measurements End Date:	1977-10-03
Field Water-Level Measurements Count:	28
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	38.162418
Longitude :	-122.251915
Last Date in Agency List :	2022-05-19

Map Id: 44  
 Direction: WSW  
 Distance: 0.833 mi., 4396 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1633, -122.3018  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36778366  
**EPA ID:** N/R

**EPICENTERS**

Updated Date :	2014-09-05
Time :	16:01:02
ID Number :	nc72283436
Status :	N/R
Type :	earthquake
Depth :	6.7
Magnitude :	1.1
Magnitude Type :	Duration (Md)
Magnitude Error :	N/R
Magnitude NST :	N/R
Magnitude Source :	N/R

Map Id: 44  
 Direction: WSW  
 Distance: 0.833 mi., 4396 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1633, -122.3018  
 CA

**Database(s) :** [EPICENTERS] **(cont.)**

**Envirosite ID:** 36778366  
**EPA ID:** N/R

**EPICENTERS (cont.)**

NST : 16  
 Gap : 82.8  
 DMIN : 0.04491576  
 RMS : 0.08  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1633  
 Longitude : -122.3018  
 Last Date in Agency List : 2014-10-14

Map Id: 45  
 Direction: E  
 Distance: 0.837 mi., 4420 ft.  
 Elevation: 63 ft.  
 Relative: Higher

**Site Name :** CA2810005  
 3481 Broadway  
 AMERICAN CANYON, CA 94503

**Database(s) :** [PWS]

**Envirosite ID:** 1001339  
**EPA ID:** N/R

**PWS**

Facility Address : 3481 Broadway, AMERICAN CANYON, CA 94503

PWS ID : CA2810005  
 PWS Type : Community water system  
 PWS Name : AMERICAN CANYON, CITY OF  
 Activity Status : Active  
 Primary Source : Surface water  
 Submission Year : 2019  
 Submission Year Quarter : 2019Q4  
 Population Served Count : 20,315  
 Service Connections Count : 5317  
 Population Category 2 : 10,000+  
 Population Category 3 : 3,301-50,000  
 Population Category 4 : 10K-49,999  
 Population Category 5 : 10,001-100,000  
 Population Category 11 : 10,001-50,000  
 Submission Quarter : 4  
 Submission Status Code : Y  
 First Reported Date : 1979-03-22  
 Last Reported Date : 2019-12-16  
 Deactivation Date : N/R  
 GW or SW : Surface water  
 Is Grant Eligible : Y  
 Is Outstanding Performer : N/R  
 Is School or Daycare : N  
 Is Source Water Protected : N/R  
 Primacy Agency : California  
 Primacy Type : State  
 Org Name : HARTWIG, STEVE  
 EPA Region : Region 9



Map Id: 45  
 Direction: E  
 Distance: 0.837 mi., 4420 ft.  
 Elevation: 63 ft.  
 Relative: Higher

**Site Name :** CA2810005  
 3481 Broadway  
 AMERICAN CANYON, CA 94503

**Database(s) :** [PWS] **(cont.)**

**Envirosite ID:** 1001339  
**EPA ID:** N/R

**PWS (cont.)**

Admin Name :	HARTWIG, STEVE
Owner Type :	Local government
Phone Number :	707-647-4366
Phone Ext Number :	N/R
Alt Phone Number :	N/R
Email Address :	shartwig@cityofamericancanyon.org
Fax Number :	N/R
Is Wholesaler :	N
LT2 Schedule Category :	N/R
NPM Candidate :	Y
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	N/R
Season Begin Date :	N/R
Season End Date :	N/R
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTCR Monitoring :	N/R
Last Date in Agency List :	2020-02-20

Map Id: 46  
 Direction: E  
 Distance: 0.849 mi., 4482 ft.  
 Elevation: 58 ft.  
 Relative: Higher

**Site Name :** CA4800512 | SUNRISE TRAILER PARK-  
 WELL-TREATED  
 3427 BROADWAY SUITE F3  
 American Canyon | AMERICAN CANYON,  
 CA 94503

**Database(s) :** [PWS, PWS ENF]

**Envirosite ID:** 840849  
**EPA ID:** N/R

**PWS**

Facility Address : 3427 Broadway Suite F3, American Canyon, CA 94503

PWS ID :	CA4800512
PWS Type :	Community water system
PWS Name :	SUNRISE TRAILER PARK
Activity Status :	Changed from public to non-public
Primary Source :	Ground water
Submission Year :	2022
Submission Year Quarter :	2022Q1
Population Served Count :	0
Service Connections Count :	45
Population Category 2 :	<10,000
Population Category 3 :	<=3300
Population Category 4 :	<10K
Population Category 5 :	<=500
Population Category 11 :	<=100
Submission Quarter :	1
Submission Status Code :	Y

Map Id: 46  
 Direction: E  
 Distance: 0.849 mi., 4482 ft.  
 Elevation: 58 ft.  
 Relative: Higher

**Site Name :** CA4800512 | SUNRISE TRAILER PARK-  
 WELL-TREATED  
 3427 BROADWAY SUITE F3  
 American Canyon | AMERICAN CANYON,  
 CA 94503

**Database(s) :** [PWS, PWS ENF] *(cont.)*

**Envirosite ID:** 840849  
**EPA ID:** N/R

**PWS (cont.)**

First Reported Date :	1979-03-22
Last Reported Date :	2022-03-31
Deactivation Date :	2009-06-09
GW or SW :	Groundwater
Is Grant Eligible :	N
Is Outstanding Performer :	N/R
Is School or Daycare :	N
Is Source Water Protected :	N/R
Primacy Agency :	California
Primacy Type :	State
Org Name :	SUNRISE TRAILER PARK
EPA Region :	Region 9
Admin Name :	Todd Enemark
Owner Type :	Private
Phone Number :	7075538925
Phone Ext Number :	N/R
Alt Phone Number :	N/R
Email Address :	bgraham@dhs.ca.gov
Fax Number :	N/R
Is Wholesaler :	N
LT2 Schedule Category :	N/R
NPM Candidate :	N
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	N/R
Season Begin Date :	01-Jan
Season End Date :	31-Dec
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTCR Monitoring :	N/R
Last Date in Agency List :	2022-05-10

**PWS ENF**

Facility Address : 3427 Broadway Suite F3, American Canyon, CA 94503

**Site Details**

PWS ID :	CA4800512
PWS Name :	SUNRISE TRAILER PARK
EPA Region :	Region 9
Primacy Agency :	California
PWS Type :	Community water system
Primacy Type :	State
Primary Source :	Ground water
Activity Status :	Changed from public to non-public
Deactivation Date :	2009-06-09
Owner Type :	Private
Phone Number :	7075538925
Last Date in Agency List :	2022-03-28

Map Id: 46  
 Direction: E  
 Distance: 0.849 mi., 4482 ft.  
 Elevation: 58 ft.  
 Relative: Higher

**Site Name :** CA4800512 | SUNRISE TRAILER PARK-  
 WELL-TREATED  
 3427 BROADWAY SUITE F3  
 American Canyon | AMERICAN CANYON,  
 CA 94503

**Database(s) :** [PWS, PWS ENF] (**cont.**)

**Envirosite ID:** 840849  
**EPA ID:** N/R

**PWS ENF (cont.)**

Violation Details

RTC Enforcement ID : N/R  
 Violation ID : 104004  
 Submission Year : 2021  
 Violation First Reported Date : 2001-08-15  
 Contaminant Name : Coliform (TCR)  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Total Coliform Rule  
 Violation Type : Monitoring, Routine Major (TCR)  
 Is Health Based : N  
 Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3  
 Address Line 1 : 3427 Broadway Suite F3, American Canyon, 94503  
 Address Line 2 : N/R  
 Compliance Status : System Inactive  
 RTC Date : 2009-06-09  
 Enforcement Action Description : State Violation/Reminder Notice  
 Admin Name : Todd Enemark  
 Email Address : bgraham@dhs.ca.gov

RTC Enforcement ID : N/R  
 Violation ID : 9404002  
 Submission Year : 2021  
 Violation First Reported Date : 1994-12-09  
 Contaminant Name : Coliform (TCR)  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Total Coliform Rule  
 Violation Type : Monitoring, Routine Major (TCR)  
 Is Health Based : N  
 Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3  
 Address Line 1 : 3427 Broadway Suite F3, American Canyon, 94503  
 Address Line 2 : N/R  
 Compliance Status : System Inactive  
 RTC Date : 2009-06-09  
 Enforcement Action Description : State Violation/Reminder Notice  
 Admin Name : Todd Enemark  
 Email Address : bgraham@dhs.ca.gov

RTC Enforcement ID : N/R  
 Violation ID : 4003  
 Submission Year : 2021  
 Violation First Reported Date : 2004-07-10  
 Contaminant Name : Coliform (TCR)  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Total Coliform Rule  
 Violation Type : Monitoring, Routine Major (TCR)  
 Is Health Based : N

Map Id: 46  
 Direction: E  
 Distance: 0.849 mi., 4482 ft.  
 Elevation: 58 ft.  
 Relative: Higher

**Site Name :** CA4800512 | SUNRISE TRAILER PARK-  
 WELL-TREATED  
 3427 BROADWAY SUITE F3  
 American Canyon | AMERICAN CANYON,  
 CA 94503

**Database(s) :** [PWS, PWS ENF] (*cont.*)

**Envirosite ID:** 840849  
**EPA ID:** N/R

**PWS ENF (*cont.*)**

Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3  
 Address Line 1 : 3427 Broadway Suite F3, American Canyon, 94503  
 Address Line 2 : N/R  
 Compliance Status : System Inactive  
 RTC Date : 2009-06-09  
 Enforcement Action Description : State Violation/Reminder Notice  
 Admin Name : Todd Enemark  
 Email Address : bgraham@dhs.ca.gov

RTC Enforcement ID : N/R  
 Violation ID : 8112173  
 Submission Year : 2021  
 Violation First Reported Date : 1981-09-30  
 Contaminant Name : Gross Alpha, Excl. Radon and U  
 Rule Family : Radionuclides  
 Rule Group : Chemicals  
 Rule Name : Radionuclides  
 Violation Type : Monitoring, Regular  
 Is Health Based : N  
 Is Major Violation : Y  
 Severity Indicator Count : N/R  
 Public Notification Tier : 3  
 Address Line 1 : 3427 Broadway Suite F3, American Canyon, 94503  
 Address Line 2 : N/R  
 Compliance Status : System Inactive  
 RTC Date : 2009-06-09  
 Enforcement Action Description : N/R  
 Admin Name : Todd Enemark  
 Email Address : bgraham@dhs.ca.gov

RTC Enforcement ID : N/R  
 Violation ID : 204005  
 Submission Year : 2021  
 Violation First Reported Date : 2004-07-10  
 Contaminant Name : Coliform (TCR)  
 Rule Family : Total Coliform Rules  
 Rule Group : Microbials  
 Rule Name : Total Coliform Rule  
 Violation Type : Maximum Contaminant Level Violation, Monthly (TCR)  
 Is Health Based : Y  
 Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 2  
 Address Line 1 : 3427 Broadway Suite F3, American Canyon, 94503  
 Address Line 2 : N/R  
 Compliance Status : System Inactive  
 RTC Date : 2009-06-09  
 Enforcement Action Description : State Violation/Reminder Notice  
 Admin Name : Todd Enemark  
 Email Address : bgraham@dhs.ca.gov

Map Id: 46  
 Direction: E  
 Distance: 0.849 mi., 4482 ft.  
 Elevation: 58 ft.  
 Relative: Higher

**Site Name :** CA4800512 | SUNRISE TRAILER PARK-  
 WELL-TREATED  
 3427 BROADWAY SUITE F3  
 American Canyon | AMERICAN CANYON,  
 CA 94503

**Database(s) :** [PWS, PWS ENF] **(cont.)**

**EnviroSite ID:** 840849  
**EPA ID:** N/R

**PWS ENF (cont.)**

RTC Enforcement ID :	N/R
Violation ID :	8236014
Submission Year :	2021
Violation First Reported Date :	1982-09-30
Contaminant Name :	Gross Alpha, Excl. Radon and U
Rule Family :	Radionuclides
Rule Group :	Chemicals
Rule Name :	Radionuclides
Violation Type :	Monitoring, Regular
Is Health Based :	N
Is Major Violation :	Y
Severity Indicator Count :	N/R
Public Notification Tier :	3
Address Line 1 :	3427 Broadway Suite F3, American Canyon, 94503
Address Line 2 :	N/R
Compliance Status :	System Inactive
RTC Date :	2009-06-09
Enforcement Action Description :	N/R
Admin Name :	Todd Enemark
Email Address :	bgraham@dhs.ca.gov

RTC Enforcement ID :	0.00E+00
Violation ID :	95V0001
Submission Year :	2021
Violation First Reported Date :	1995-12-12
Contaminant Name :	Lead and Copper Rule
Rule Family :	Lead and Copper Rule
Rule Group :	Chemicals
Rule Name :	Lead and Copper Rule
Violation Type :	Initial Tap Sampling for Pb and Cu
Is Health Based :	N
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	3
Address Line 1 :	3427 Broadway Suite F3, American Canyon, 94503
Address Line 2 :	N/R
Compliance Status :	Returned to Compliance
RTC Date :	2000-03-01
Enforcement Action Description :	Federal Compliance achieved
Admin Name :	Todd Enemark
Email Address :	bgraham@dhs.ca.gov

Map Id: 47  
 Direction: WNW  
 Distance: 0.881 mi., 4651 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1778, -122.3043  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36762628  
**EPA ID:** N/R

EPICENTERS

Updated Date : 2014-09-06  
 Time : 12:35:52  
 ID Number : nc72284591  
 Status : N/R  
 Type : earthquake  
 Depth : 11.3  
 Magnitude : 2.7  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 137  
 Gap : 54  
 DMIN : 0.05389892  
 RMS : 0.16  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1778  
 Longitude : -122.3043  
 Last Date in Agency List : 2014-10-14

Map Id: 48  
 Direction: SW  
 Distance: 0.902 mi., 4764 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1556667, -122.3015  
 CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 7279029  
**EPA ID:** N/R

EPICENTERS

Updated Date : 2014-12-02  
 Time : 03:53:48  
 ID Number : nc72349641  
 Status : N/R  
 Type : earthquake  
 Depth : 7.4  
 Magnitude : 1.22  
 Magnitude Type : Duration (Md)  
 Magnitude Error : N/R  
 Magnitude NST : N/R  
 Magnitude Source : N/R  
 NST : 29  
 Gap : 76  
 DMIN : 0.03988  
 RMS : 0.15  
 Net : nc  
 Horizontal Error : N/R  
 Depth Error : N/R  
 Location Source : N/R  
 Latitude : 38.1556667



Map Id: 48  
 Direction: SW  
 Distance: 0.902 mi., 4764 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1556667, -122.3015  
 CA

**Database(s) :** [EPICENTERS] (**cont.**)

**Envirosite ID:** 7279029  
**EPA ID:** N/R

**EPICENTERS (cont.)**

Longitude : -122.3015  
 Last Date in Agency List : 2015-01-14

Map Id: 49  
 Direction: SE  
 Distance: 0.903 mi., 4768 ft.  
 Elevation: 43 ft.  
 Relative: Higher

**Site Name :** UTILITY POLE  
 38.154142, -122.252856  
 VALLEJO, CA

**Database(s) :** [DIGITAL OBSTACLE]

**Envirosite ID:** 905528  
**EPA ID:** N/R

**DIGITAL OBSTACLE**

Date of Action : 2018-01-30  
 Action : Add  
 FAA Study Number : 2015AWP049170E  
 OBS Number : 06-154896  
 Obstacle Type : UTILITY POLE  
 City Name : VALLEJO  
 State Identifier : CA  
 Country Identifier : USA  
 Type of Lighting : None  
 Verification Status : Unverified  
 Quantity : 1  
 Mark Indicator : None  
 Above Ground Level Height (Feet) : 00044  
 Above Mean Sea Level Height (Feet) : 00086  
 Horizontal Accuracy : +-250'  
 Vertical Accuracy : +-50'  
 Latitude : 38 09 14.91N  
 Longitude : 122 15 10.28W

Map Id: 50  
 Direction: ENE  
 Distance: 0.907 mi., 4790 ft.  
 Elevation: 63 ft.  
 Relative: Higher

**Site Name :** CA2810005 | CABERNET VILLAGE |  
 AMERICAN CANYON, CITY OF-WTP CONV  
 & MEMBRANE COMBINED TREATED  
 4381 BROADWAY STREET, SUITE 201 |  
 4381 BROADWAY ST  
 AMERICAN CANYON, CA 94503

**Database(s) :** [PWS, PWS ENF]

**Envirosite ID:** 457519  
**EPA ID:** N/R

**PWS**

Facility Address : 4381 Broadway Street, Suite 201, AMERICAN CANYON, CA 94503

Map Id: 50  
 Direction: ENE  
 Distance: 0.907 mi., 4790 ft.  
 Elevation: 63 ft.  
 Relative: Higher

**Site Name :** CA2810005 | CABERNET VILLAGE | AMERICAN CANYON, CITY OF-WTP CONV & MEMBRANE COMBINED TREATED  
 4381 BROADWAY STREET, SUITE 201 | 4381 BROADWAY ST  
 AMERICAN CANYON, CA 94503

**Database(s) :** [PWS, PWS ENF] **(cont.)**

**Envirosite ID:** 457519  
**EPA ID:** N/R

**PWS (cont.)**

PWS ID :	CA2810005
PWS Type :	Community water system
PWS Name :	AMERICAN CANYON, CITY OF
Activity Status :	Active
Primary Source :	Surface water
Submission Year :	2020
Submission Year Quarter :	2020Q3
Population Served Count :	20,315
Service Connections Count :	5298
Population Category 2 :	10,000+
Population Category 3 :	3,301-50,000
Population Category 4 :	10K-49,999
Population Category 5 :	10,001-100,000
Population Category 11 :	10,001-50,000
Submission Quarter :	3
Submission Status Code :	Y
First Reported Date :	1979-03-22
Last Reported Date :	2020-08-14
Deactivation Date :	N/R
GW or SW :	Surface water
Is Grant Eligible :	Y
Is Outstanding Performer :	N/R
Is School or Daycare :	N
Is Source Water Protected :	N/R
Primacy Agency :	California
Primacy Type :	State
Org Name :	HERNANDEZ III, FELIX
EPA Region :	Region 9
Admin Name :	HERNANDEZ III, FELIX
Owner Type :	Local government
Phone Number :	707-647-4525
Phone Ext Number :	N/R
Alt Phone Number :	N/R
Email Address :	fhernandez@cityofamericancanyon.org
Fax Number :	N/R
Is Wholesaler :	N
LT2 Schedule Category :	N/R
NPM Candidate :	Y
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	N/R
Season Begin Date :	N/R
Season End Date :	N/R
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTCR Monitoring :	N/R
Last Date in Agency List :	2020-10-26

**PWS ENF**

Facility Address : 4381 Broadway Street, Suite 201, AMERICAN CANYON, CA 94503

Map Id: 50  
 Direction: ENE  
 Distance: 0.907 mi., 4790 ft.  
 Elevation: 63 ft.  
 Relative: Higher

**Site Name :** CA2810005 | CABERNET VILLAGE | AMERICAN CANYON, CITY OF-WTP CONV & MEMBRANE COMBINED TREATED  
 4381 BROADWAY STREET, SUITE 201 | 4381 BROADWAY ST  
 AMERICAN CANYON, CA 94503

**Database(s) :** [PWS, PWS ENF] **(cont.)**

**Envirosite ID:** 457519  
**EPA ID:** N/R

**PWS ENF (cont.)**

Site Details

PWS ID :	CA2810005
PWS Name :	AMERICAN CANYON, CITY OF
EPA Region :	Region 9
Primacy Agency :	California
PWS Type :	Community water system
Primacy Type :	State
Primary Source :	Surface water
Activity Status :	Active
Deactivation Date :	N/R
Owner Type :	Local government
Phone Number :	707-647-4525
Last Date in Agency List :	2021-04-12

Violation Details

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your EnviroSite account representative for a complimentary site report containing all of the details available.

RTC Enforcement ID :	N/R
Violation ID :	9903012
Submission Year :	2020
Violation First Reported Date :	2020-06-25
Contaminant Name :	TTHM
Rule Family :	Stage 2 Disinfectants and Disinfection Byproducts Rule
Rule Group :	Disinfectants and Disinfection Byproducts Rule
Rule Name :	Stage 2 Disinfectants and Disinfection Byproducts Rule
Violation Type :	Maximum Contaminant Level Violation, Average
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	1
Public Notification Tier :	2
Address Line 1 :	4381 Broadway Street, Suite 201, AMERICAN CANYON, 94503
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Administrative/Compliance Order without penalty issued
Admin Name :	HERNANDEZ III, FELIX
Email Address :	fernandez@cityofamericancanyon.org

RTC Enforcement ID :	N/R
Violation ID :	9903011
Submission Year :	2020
Violation First Reported Date :	2020-06-25
Contaminant Name :	TTHM
Rule Family :	Stage 2 Disinfectants and Disinfection Byproducts Rule
Rule Group :	Disinfectants and Disinfection Byproducts Rule
Rule Name :	Stage 2 Disinfectants and Disinfection Byproducts Rule
Violation Type :	Maximum Contaminant Level Violation, Average
Is Health Based :	Y

Map Id: 50  
 Direction: ENE  
 Distance: 0.907 mi., 4790 ft.  
 Elevation: 63 ft.  
 Relative: Higher

**Site Name :** CA2810005 | CABERNET VILLAGE | AMERICAN CANYON, CITY OF-WTP CONV & MEMBRANE COMBINED TREATED  
 4381 BROADWAY STREET, SUITE 201 | 4381 BROADWAY ST  
 AMERICAN CANYON, CA 94503

**Database(s) :** [PWS, PWS ENF] **(cont.)**

**Envirosite ID:** 457519  
**EPA ID:** N/R

**PWS ENF (cont.)**

Is Major Violation : N/R  
 Severity Indicator Count : 1  
 Public Notification Tier : 2  
 Address Line 1 : 4381 Broadway Street, Suite 201, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Known  
 RTC Date : N/R  
 Enforcement Action Description : State Administrative/Compliance Order without penalty issued  
 Admin Name : HERNANDEZ III, FELIX  
 Email Address : fhernandez@cityofamericancanyon.org

RTC Enforcement ID : N/R  
 Violation ID : 9903007  
 Submission Year : 2020  
 Violation First Reported Date : 2020-06-25  
 Contaminant Name : TTHM  
 Rule Family : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Rule Group : Disinfectants and Disinfection Byproducts Rule  
 Rule Name : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Violation Type : Maximum Contaminant Level Violation, Average  
 Is Health Based : Y  
 Is Major Violation : N/R  
 Severity Indicator Count : 1  
 Public Notification Tier : 2  
 Address Line 1 : 4381 Broadway Street, Suite 201, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Known  
 RTC Date : N/R  
 Enforcement Action Description : State Administrative/Compliance Order without penalty issued  
 Admin Name : HERNANDEZ III, FELIX  
 Email Address : fhernandez@cityofamericancanyon.org

RTC Enforcement ID : N/R  
 Violation ID : 9903009  
 Submission Year : 2020  
 Violation First Reported Date : 2020-06-25  
 Contaminant Name : TTHM  
 Rule Family : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Rule Group : Disinfectants and Disinfection Byproducts Rule  
 Rule Name : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Violation Type : Maximum Contaminant Level Violation, Average  
 Is Health Based : Y  
 Is Major Violation : N/R  
 Severity Indicator Count : 1  
 Public Notification Tier : 2  
 Address Line 1 : 4381 Broadway Street, Suite 201, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Known  
 RTC Date : N/R  
 Enforcement Action Description : State Administrative/Compliance Order without penalty issued  
 Admin Name : HERNANDEZ III, FELIX  
 Email Address : fhernandez@cityofamericancanyon.org

Map Id: 50  
 Direction: ENE  
 Distance: 0.907 mi., 4790 ft.  
 Elevation: 63 ft.  
 Relative: Higher

**Site Name :** CA2810005 | CABERNET VILLAGE | AMERICAN CANYON, CITY OF-WTP CONV & MEMBRANE COMBINED TREATED  
 4381 BROADWAY STREET, SUITE 201 | 4381 BROADWAY ST  
 AMERICAN CANYON, CA 94503

**Database(s) :** [PWS, PWS ENF] **(cont.)**

**Envirosite ID:** 457519  
**EPA ID:** N/R

**PWS ENF (cont.)**

RTC Enforcement ID : N/R  
 Violation ID : 9903014  
 Submission Year : 2020  
 Violation First Reported Date : 2020-08-14  
 Contaminant Name : TTHM  
 Rule Family : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Rule Group : Disinfectants and Disinfection Byproducts Rule  
 Rule Name : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Violation Type : Maximum Contaminant Level Violation, Average  
 Is Health Based : Y  
 Is Major Violation : N/R  
 Severity Indicator Count : 1  
 Public Notification Tier : 2  
 Address Line 1 : 4381 Broadway Street, Suite 201, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Known  
 RTC Date : N/R  
 Enforcement Action Description : N/R  
 Admin Name : HERNANDEZ III, FELIX  
 Email Address : fhernandez@cityofamericancanyon.org

RTC Enforcement ID : N/R  
 Violation ID : 9903010  
 Submission Year : 2020  
 Violation First Reported Date : 2020-06-25  
 Contaminant Name : TTHM  
 Rule Family : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Rule Group : Disinfectants and Disinfection Byproducts Rule  
 Rule Name : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Violation Type : Maximum Contaminant Level Violation, Average  
 Is Health Based : Y  
 Is Major Violation : N/R  
 Severity Indicator Count : 1  
 Public Notification Tier : 2  
 Address Line 1 : 4381 Broadway Street, Suite 201, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Known  
 RTC Date : N/R  
 Enforcement Action Description : State Administrative/Compliance Order without penalty issued  
 Admin Name : HERNANDEZ III, FELIX  
 Email Address : fhernandez@cityofamericancanyon.org

RTC Enforcement ID : N/R  
 Violation ID : 9903008  
 Submission Year : 2020  
 Violation First Reported Date : 2020-06-25  
 Contaminant Name : TTHM  
 Rule Family : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Rule Group : Disinfectants and Disinfection Byproducts Rule  
 Rule Name : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Violation Type : Maximum Contaminant Level Violation, Average  
 Is Health Based : Y

Map Id: 50  
 Direction: ENE  
 Distance: 0.907 mi., 4790 ft.  
 Elevation: 63 ft.  
 Relative: Higher

**Site Name :** CA2810005 | CABERNET VILLAGE | AMERICAN CANYON, CITY OF-WTP CONV & MEMBRANE COMBINED TREATED  
 4381 BROADWAY STREET, SUITE 201 | 4381 BROADWAY ST  
 AMERICAN CANYON, CA 94503

**Database(s) :** [PWS, PWS ENF] **(cont.)**

**Envirosite ID:** 457519  
**EPA ID:** N/R

**PWS ENF (cont.)**

Is Major Violation : N/R  
 Severity Indicator Count : 1  
 Public Notification Tier : 2  
 Address Line 1 : 4381 Broadway Street, Suite 201, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Known  
 RTC Date : N/R  
 Enforcement Action Description : State Administrative/Compliance Order without penalty issued  
 Admin Name : HERNANDEZ III, FELIX  
 Email Address : fhernandez@cityofamericancanyon.org

RTC Enforcement ID : N/R  
 Violation ID : 9903013  
 Submission Year : 2020  
 Violation First Reported Date : 2020-08-14  
 Contaminant Name : TTHM  
 Rule Family : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Rule Group : Disinfectants and Disinfection Byproducts Rule  
 Rule Name : Stage 2 Disinfectants and Disinfection Byproducts Rule  
 Violation Type : Maximum Contaminant Level Violation, Average  
 Is Health Based : Y  
 Is Major Violation : N/R  
 Severity Indicator Count : 1  
 Public Notification Tier : 2  
 Address Line 1 : 4381 Broadway Street, Suite 201, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Known  
 RTC Date : N/R  
 Enforcement Action Description : N/R  
 Admin Name : HERNANDEZ III, FELIX  
 Email Address : fhernandez@cityofamericancanyon.org

RTC Enforcement ID : 1003010  
 Violation ID : 503001  
 Submission Year : 2020  
 Violation First Reported Date : 2008-02-25  
 Contaminant Name : TTHM  
 Rule Family : Stage 1 Disinfectants and Disinfection Byproducts Rule  
 Rule Group : Disinfectants and Disinfection Byproducts Rule  
 Rule Name : Stage 1 Disinfectants and Disinfection Byproducts Rule  
 Violation Type : Maximum Contaminant Level Violation, Average  
 Is Health Based : Y  
 Is Major Violation : N/R  
 Severity Indicator Count : N/R  
 Public Notification Tier : 2  
 Address Line 1 : 4381 Broadway Street, Suite 201, AMERICAN CANYON, 94503  
 Address Line 2 : N/R  
 Compliance Status : Returned to Compliance  
 RTC Date : 2010-04-28  
 Enforcement Action Description : State Compliance achieved  
 Admin Name : HERNANDEZ III, FELIX  
 Email Address : fhernandez@cityofamericancanyon.org



Map Id: 50  
 Direction: ENE  
 Distance: 0.907 mi., 4790 ft.  
 Elevation: 63 ft.  
 Relative: Higher

**Site Name :** CA2810005 | CABERNET VILLAGE | AMERICAN CANYON, CITY OF-WTP CONV & MEMBRANE COMBINED TREATED  
 4381 BROADWAY STREET, SUITE 201 | 4381 BROADWAY ST  
 AMERICAN CANYON, CA 94503

**Database(s) :** [PWS, PWS ENF] **(cont.)**

**Envirosite ID:** 457519  
**EPA ID:** N/R

**PWS ENF (cont.)**

RTC Enforcement ID :	1003012
Violation ID :	1003005
Submission Year :	2020
Violation First Reported Date :	2013-06-26
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	4381 Broadway Street, Suite 201, AMERICAN CANYON, 94503
Address Line 2 :	N/R
Compliance Status :	Returned to Compliance
RTC Date :	2010-06-03
Enforcement Action Description :	State Compliance achieved
Admin Name :	HERNANDEZ III, FELIX
Email Address :	fhernandez@cityofamericancanyon.org

Map Id: 51  
 Direction: S  
 Distance: 0.917 mi., 4845 ft.  
 Elevation: 4 ft.  
 Relative: Lower

**Site Name :** N/R  
 38.1478333, -122.2738333  
 CA

**Database(s) :** [EPICENTERS]

**Envirosite ID:** 7274760  
**EPA ID:** N/R

**EPICENTERS**

Updated Date :	2014-12-09
Time :	22:23:39
ID Number :	nc72357556
Status :	N/R
Type :	earthquake
Depth :	8.5
Magnitude :	1.34
Magnitude Type :	Duration (Md)
Magnitude Error :	N/R
Magnitude NST :	N/R
Magnitude Source :	N/R
NST :	21
Gap :	101
DMIN :	0.02632
RMS :	0.11
Net :	nc
Horizontal Error :	N/R
Depth Error :	N/R
Location Source :	N/R

Map Id: 51  
Direction: S  
Distance: 0.917 mi., 4845 ft.  
Elevation: 4 ft.  
Relative: Lower

**Site Name :** N/R  
38.1478333, -122.2738333  
CA  
**Database(s) :** [EPICENTERS] (**cont.**)

**Envirosite ID:** 7274760  
**EPA ID:** N/R

## EPICENTERS (**cont.**)

Latitude : 38.1478333  
Longitude : -122.2738333  
Last Date in Agency List : 2015-01-14

Map Id: E52  
Direction: W  
Distance: 0.963 mi., 5085 ft.  
Elevation: 4 ft.  
Relative: Lower

**Site Name :** N/R  
38.1727, -122.304  
CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36725800  
**EPA ID:** N/R

## EPICENTERS

Updated Date : 2014-09-11  
Time : 15:48:21  
ID Number : nc72289711  
Status : N/R  
Type : earthquake  
Depth : 4.5  
Magnitude : 1.2  
Magnitude Type : Duration (Md)  
Magnitude Error : N/R  
Magnitude NST : N/R  
Magnitude Source : N/R  
NST : 23  
Gap : 79.2  
DMIN : 0.05389892  
RMS : 0.11  
Net : nc  
Horizontal Error : N/R  
Depth Error : N/R  
Location Source : N/R  
Latitude : 38.1727  
Longitude : -122.304  
Last Date in Agency List : 2014-10-14

Map Id: E53  
Direction: W  
Distance: 0.964 mi., 5090 ft.  
Elevation: 4 ft.  
Relative: Lower

**Site Name :** N/R  
38.1726667, -122.304  
CA  
**Database(s) :** [EPICENTERS]

**Envirosite ID:** 36790570  
**EPA ID:** N/R

## EPICENTERS

Updated Date : 2014-10-13  
Time : 22:44:33

Map Id: E53  
Direction: W  
Distance: 0.964 mi., 5090 ft.  
Elevation: 4 ft.  
Relative: Lower

<b>Site Name :</b> N/R 38.1726667, -122.304 CA
<b>Database(s) :</b> [EPICENTERS] <b>(cont.)</b>

Envirosite ID: 36790570  
EPA ID: N/R

## EPICENTERS **(cont.)**

ID Number :	nc72318811
Status :	N/R
Type :	earthquake
Depth :	7.72
Magnitude :	1.03
Magnitude Type :	Duration (Md)
Magnitude Error :	N/R
Magnitude NST :	N/R
Magnitude Source :	N/R
NST :	17
Gap :	80
DMIN :	0.05587
RMS :	0.1
Net :	nc
Horizontal Error :	N/R
Depth Error :	N/R
Location Source :	N/R
Latitude :	38.1726667
Longitude :	-122.304
Last Date in Agency List :	2014-10-14

**RADON DATA:**

STATE SOURCE: CA

Radon Test Results:

<b>Zip:</b>	<b>Total Sites:</b>	<b>Cnt &gt;=4 pCi/L:</b>	<b>Pct &gt;= 4 pCi/L:</b>	<b>Max Result (pCi/L):</b>
94503	18	0	0	1.3

FEDERAL AREA RADON INFORMATION FOR: No Available Data

NUMBER OF SAMPLE SITES: No Available Data

FEDERAL EPA RADON ZONE FOR NAPA COUNTY: Zone = 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 < 2 pCi/L

## HIST PWS ENF

Historical Public Water Supply locations with Enforcement Violations

Environmental Protection Agency

(800) 426-4791

List of Safe Drinking Water Information Systems (SDWIS) with enforcement violations that are no longer in current agency list.

## NWIS

National Water Information Systems

United States Geological Society

(703) 648-5953

Information on all water resources for the United States. This database contains all current and historical data for the nation.

## PWS

Public Water Supply

Environmental Protection Agency

(800) 426-4791

Safe drinking water information Systems

## PWS ENF

Public Water Supply locations with Enforcement Violations

Environmental Protection Agency

(800) 426-4791

Safe drinking water information Systems with enforcement violations

## WELLS - GAMA - CA

California Groundwater Ambient Monitoring Assessment

State Water Resources Control Board

916-341-5791

Brings together datasets from California state agencies including: Public Health Water Resources and Pesticide Regulation as well as from the US Geological Survey Lawrence Livermore National Laboratory and the Water Boards. It shows results for untreated raw water in different types of wells for naturally-occurring and man-made chemicals.

## FLOOD Q3

Flood data

Environmental Protection Agency

(202) 566-1667

Q3 Flood Data

## HYDROLOGIC UNIT

Hydrologic Unit Maps

USGS

The United States Geological Survey created a hierarchical system of hydrologic units originally called regions, sub-regions, accounting units, and cataloging units. Each unit was assigned a unique Hydrologic Unit Code (HUC). As first implemented the system had 21 regions, 221 subregions, 378 accounting units, and 2,264 cataloging units. Over time the system was changed and expanded. As of 2010 there are six levels in the hierarchy, represented by hydrologic unit codes from 2 to 12 digits long, called regions, subregions, basins, subbasins, watersheds, and subwatersheds. The table below describes the system's hydrologic unit levels and their characteristics, along with example names and codes.

## WETLANDS NWI

National Wetland Inventory  
U.S. Fish and Wildlife Service  
(703) 358-2171  
Wetland Inventory for the United States

## SSURGO

Detailed Soil Data Map  
Natural Resources Conservation Service: U.S. Department of Agriculture  
(202) 690-4985  
Detailed Soil Data Map

## STATSGO & MUI

General Soil Data Map  
Natural Resources Conservation Service: U.S. Department of Agriculture  
(202) 690-4985  
General Soil Data Map

## USGS GEOLOGIC AGE

USGS Digital Data Series DDS  
Natural Resources Conservation Service: U.S. Department of Agriculture  
(202) 690-4985  
USGS Digital Data Series DDS: Geologic Age and Rock Stratigraphic Unit

## DAMS - CA

California Dam Inundation Maps  
Department of Water Resources  
916-845-8275  
Dam inundation maps show the maximum extent of damage of a flood wave from a dam failure

## OIL & GAS WELLS - CA

Oil and Gas Well Data  
State of California Department of Conservation  
916-327-1042  
Oil and gas well locations and detail for all 6 districts

## RADON

National Radon Database  
U.S. Environmental Protection Agency  
215-814-2469  
A study of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

## RADON - CA

Radon tested locations in California  
California Department of Health Services  
(916) 449-5674  
A table of long term and short term indoor radon measurements

## RADON EPA

RADON EPA  
U.S. Environmental Protection Agency  
215-814-2469  
EPA list of Radon zones



## AIRPORT FACILITIES

Airport landing facilities

Federal Aviation Administration

(866) 835-5322

Airport landing facilities

## BASINS

Better Assessment Science Integrating point & Non-point Sources

U.S. Environmental Protection Agency

855-246-3642

Integrated geographical information system national watershed data and environmental assessment known as Better Assessment Science Integrating point & Non-point Sources

## DIGITAL OBSTACLE

Obstacles of interest to aviation users

Federal Aviation Administration

855-379-6518

The Digital Obstacle File describes all known obstacles of interest to aviation users in the U.S. with limited coverage of the Pacific the Caribbean Canada and Mexico. The obstacles are assigned unique numerical identifiers; accuracy codes and listed in order of ascending latitude within each state or area by FAA Region.

## EPICENTERS

National Geographical Data Center

National Geographical Data Center

303-497-6826

List of recent and historic earthquakes and information.

## FLOOD DFIRM

National Flood Hazard Layer Database

Federal Emergency Management Agency

The National Flood Hazard Layer Database (NFHL) is a computer database that contains the flood hazard map information from FEMAs Flood Map Modernization program. These map data are from Digital Flood Insurance Rate Map (DFIRM) databases and Letters of Map Revision.

## **APPENDIX B**

---

# Historical Aerial Photographs and Topographic Maps





# Historical Aerial Photo Report | 2022

Order Number: 72652

Report Generated: 06/01/2022

Project Name: American Canyon  
Wetlands Restoration

Project Number: D202101145

American Canyon Wetlands Restoration  
205 Wetlands Edge Rd  
American Canyon, CA, 94503

---

Contact us at:  
(866) 211-2028  
[envirositecorp.com](http://envirositecorp.com)

Envirosite's Historical Aerial Photo Report is designed to assist in evaluating a subject property resulting from past activities. EnviroSite's Historical Aerial Photo Report includes a search of available historical aerial photographs, dating back to the 1930s, or earliest available photographs.

## **ENVIROSITE SEARCHED SOURCES**

### **SUBJECT PROPERTY:**

American Canyon Wetlands Restoration  
205 Wetlands Edge Rd  
American Canyon, CA, 94503

<b><u>YEAR:</u></b>	<b><u>SCALE:</u></b>	<b><u>SOURCE:</u></b>
1937	1" = 1,500'	U.S.D.A
1948	1" = 1,500'	U.S.G.S
1957	1" = 1,500'	U.S.D.A
1958	1" = 1,500'	U.S.G.S
1965	1" = 1,500'	U.S.D.A
1968	1" = 1,500'	U.S.G.S
1970	1" = 1,500'	U.S.G.S
1972	1" = 1,500'	U.S.G.S
1973	1" = 1,500'	U.S.G.S
1975	1" = 1,500'	U.S.G.S
1982	1" = 1,500'	NHAP
1983	1" = 1,500'	U.S.G.S
1988	1" = 1,500'	NAPP
1989	1" = 1,500'	U.S.G.S
1993	1" = 1,500'	DOQ
1996	1" = 1,500'	U.S.G.S
1998	1" = 1,500'	NAPP
2005	1" = 1,500'	NAIP
2009	1" = 1,500'	NAIP
2010	1" = 1,500'	NAIP
2012	1" = 1,500'	NAIP
2014	1" = 1,500'	NAIP
2016	1" = 1,500'	NAIP
2018	1" = 1,500'	NAIP
2020	1" = 1,500'	NAIP

### **Disclaimer - Copyright and Trademark Notice**

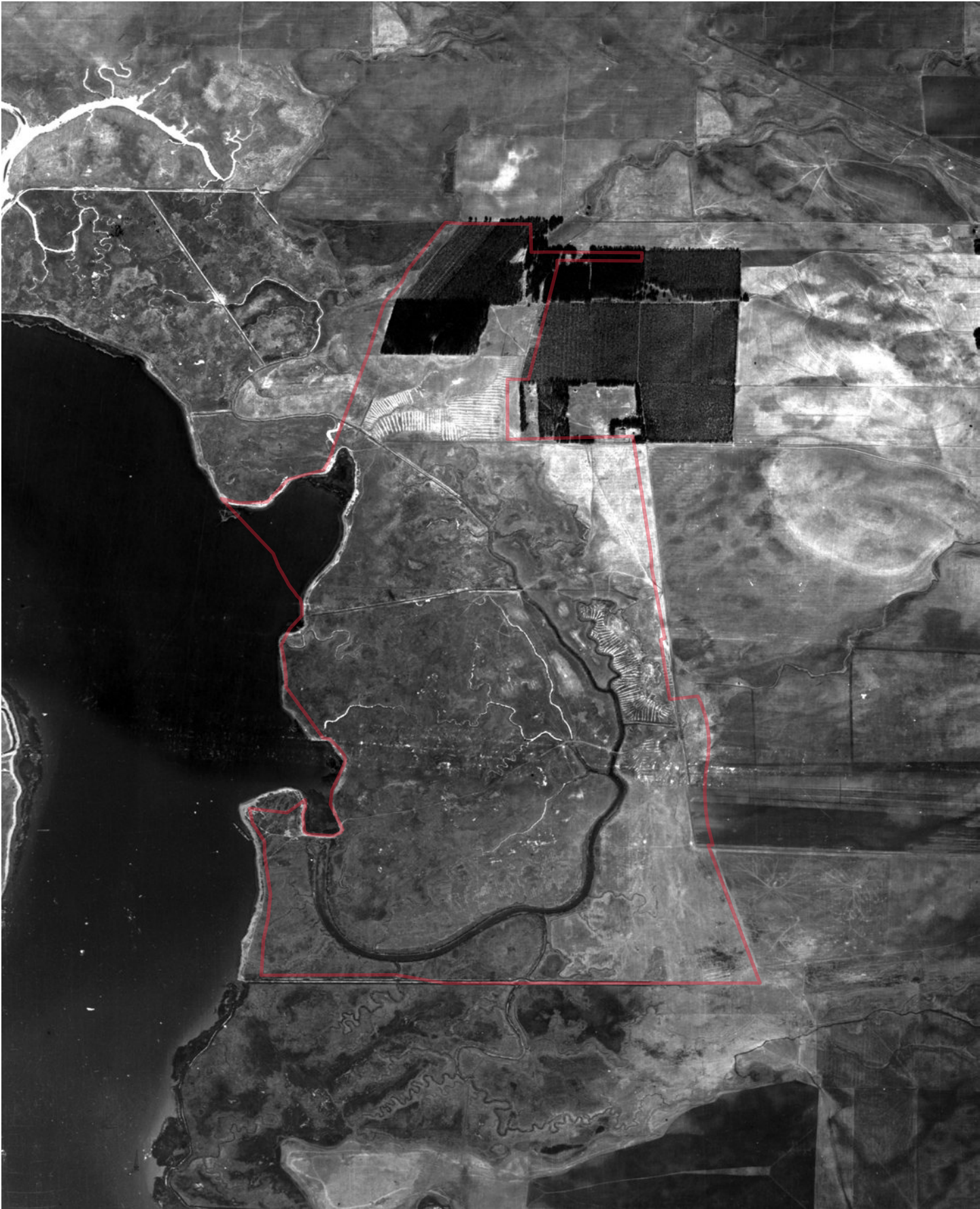
All information contained in this report are based on data available from various public, government and other sources and are based upon the best data available from those sources. The information available in this report may be available from other sources and is not exclusive or the exclusive property of EnviroSite Corporation.

NO WARRANTY EXPRESSED OR IMPLIED, IS MADE IN CONNECTION WITH THIS REPORT, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALL RISK IS ASSUMED BY USER AND EnviroSite assumes no liability for faulty or inaccurate information. The Reports may utilize a variety of public and other sources reasonably available to EnviroSite. EnviroSite cannot, and does not assure, warrant, guarantee or assume any liability for the correctness, comprehensiveness, timeliness or completeness of any of such information, nor is the information in any Report to be construed as legal advice with respect to environmental risks associated with any property. EnviroSite shall not be liable to anyone for any claims, causes of action, suits, damages, losses, costs and expenses (including, without limitation, attorneys' fees and costs) arising out of or caused by this report regardless of the acts, errors or omissions, or negligence of EnviroSite. Any damages shall be limited to the purchase price of the report.

Purchaser of the report accepts the report "As Is". The report is intended only to provide information only and should not be considered as providing any legal advice, prediction, forecast, or fact as to the environmental risk for any specific property. Reports are proprietary to EnviroSite, and contain copyrighted material and trademarks of EnviroSite. All other trademarks used herein are the property of their respective owners. All rights of EnviroSite as to the Reports are reserved.


**FLIGHT YEAR:**  
1937

**Scale:** 1" = 1,500'






**FLIGHT YEAR:**  
1948

Scale:  1" = 1,500'





**FLIGHT YEAR:**  
1957

 **Scale:** 1" = 1,500'





**FLIGHT YEAR:**  
1958

**Subject Cannot Be Centered**


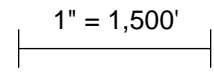


**Scale:** 1" = 1,500'






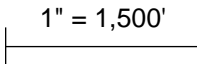
**FLIGHT YEAR:**  
1965

 **Scale:**  1" = 1,500'





**FLIGHT YEAR:**  
1968

 **Scale:**  1" = 1,500'






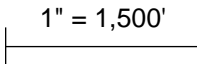
**FLIGHT YEAR:**  
1970

N  
W E S **Scale:** 1" = 1,500'





**FLIGHT YEAR:**  
1972


 **Scale:**  1" = 1,500'





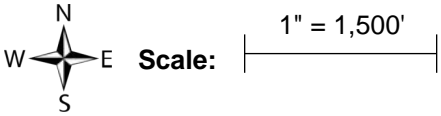
**FLIGHT YEAR:**  
1973

**Scale:** 1" = 1,500'

A north arrow with 'N' at the top, 'S' at the bottom, 'W' on the left, and 'E' on the right. To its right is a scale bar consisting of a horizontal line with vertical end caps, labeled '1" = 1,500''.



**FLIGHT YEAR:**  
1975

Scale:  1" = 1,500'





**FLIGHT YEAR:**  
1982

N  
W E S **Scale:** 1" = 1,500'






**FLIGHT YEAR:**  
1983

**Scale:** 1" = 1,500'





**FLIGHT YEAR:**  
1988

Scale:  1" = 1,500'






**FLIGHT YEAR:**  
1989

N  
W E S  
**Scale:** 1" = 1,500'





**FLIGHT YEAR:**  
1993


N  
W  E  
S

**Scale:** |-----| 1" = 1,500'





**FLIGHT YEAR:**  
1996


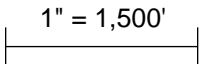
N  
W  E  
S

**Scale:** |-----| 1" = 1,500'






**FLIGHT YEAR:**  
1998

 **Scale:**  1" = 1,500'





**FLIGHT YEAR:**  
2005


N  
W  E  
S

**Scale:** |-----| 1" = 1,500'






**FLIGHT YEAR:**  
2009

N  
W  E S  
**Scale:** |-----| 1" = 1,500'





**FLIGHT YEAR:**  
2010


N  
W  E  
S

**Scale:** |-----| 1" = 1,500'






**FLIGHT YEAR:**  
2012

N  
W  E S **Scale:** | 1" = 1,500' |





**FLIGHT YEAR:**  
2014


N  
W  E  
S

**Scale:** |-----| 1" = 1,500'





**FLIGHT YEAR:**  
2016

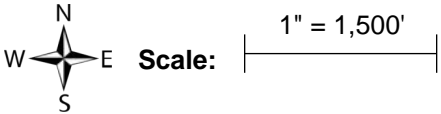
N  
W  E S **Scale:** | 1" = 1,500' |






**FLIGHT YEAR:**  
2018

**Scale:** 1" = 1,500'

A north arrow is positioned to the left of the scale bar. The north arrow has 'N' at the top, 'S' at the bottom, 'W' on the left, and 'E' on the right. The scale bar is a horizontal line with vertical end caps, labeled '1" = 1,500''.



**FLIGHT YEAR:**  
2020

N  
W  E S **Scale:** |-----| 1" = 1,500'







## Historical Topographic Map Report | 2022

Order Number: 72652

Report Generated: 05/25/2022

Project Name: American Canyon Wetlands  
Restoration

Project Number: D202101145

American Canyon Wetlands Restoration  
205 Wetlands Edge Rd  
American Canyon, CA 94503

---

2 Corporate Drive  
Suite 450  
Shelton, CT 06484  
Toll Free: 866-211-2028  
[www.envirositecorp.com](http://www.envirositecorp.com)

Envirosite’s Historical Topographic Map Report is designed to assist in evaluating a subject property resulting from past activities. Envirosite’s Historical Topographic Map Report includes a search of USGS historical topographic maps, dating back to the early 1900s.

**TOPOGRAPHIC MAPS FOUND:**

	<u>Map Name:</u>	<u>Year:</u>	<u>Revision Year:</u>	<u>Scale:</u>
1.	<u>Mare Island</u>	1916	N/R	1 : 62500
2.	<u>Mare Island</u>	1942	N/R	1 : 62500
3.	<u>Cuttings Wharf</u>	1949	1981	1 : 24000
4.	<u>Cuttings Wharf</u>	1949	N/R	1 : 24000
5.	<u>Cuttings Wharf</u>	1949	1968	1 : 24000
6.	<u>Cuttings Wharf</u>	1951	N/R	1 : 24000
7.	<u>Cuttings Wharf</u>	2012	N/R	1 : 24000
8.	<u>Cuttings Wharf</u>	2015	N/R	1 : 24000
9.	<u>Cuttings Wharf</u>	2018	N/R	1 : 24000
10.	<u>Cuttings Wharf</u>	2021	N/R	1 : 24000

The USGS 7.5 minute series includes scales 1:24,000 / 1:25,000 / 1:31,680. The USGS 15 minute series includes scales 1:48,000 / 1:62,500 / 1:63,360. The USGS 30x60 minute series scale is 1:100,000.

**Disclaimer - Copyright and Trademark Notice**

*All information contained in this report are based on data available from various public, government and other sources and are based upon the best data available from those sources. The information available in this report may be available from other sources and is not exclusive or the exclusive property of Envirosite Corporation.*

*NO WARRANTY EXPRESSED OR IMPLIED, IS MADE IN CONNECTION WITH THIS REPORT, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALL RISK IS ASSUMED BY USER AND Envirosite assumes no liability for faulty or inaccurate information. The Reports may utilize a variety of public and other sources reasonably available to Envirosite. Envirosite cannot, and does not assure, warrant, guarantee or assume any liability for the correctness, comprehensiveness, timeliness or completeness of any of such information, nor is the information in any Report to be construed as legal advice with respect to environmental risks associated with any property. Envirosite shall not be liable to anyone for any claims, causes of action, suits, damages, losses, costs and expenses (including, without limitation, attorneys’ fees and costs) arising out of or caused by this report regardless of the acts, errors or omissions, or negligence of Envirosite. Any damages shall be limited to the purchase price of the report.*

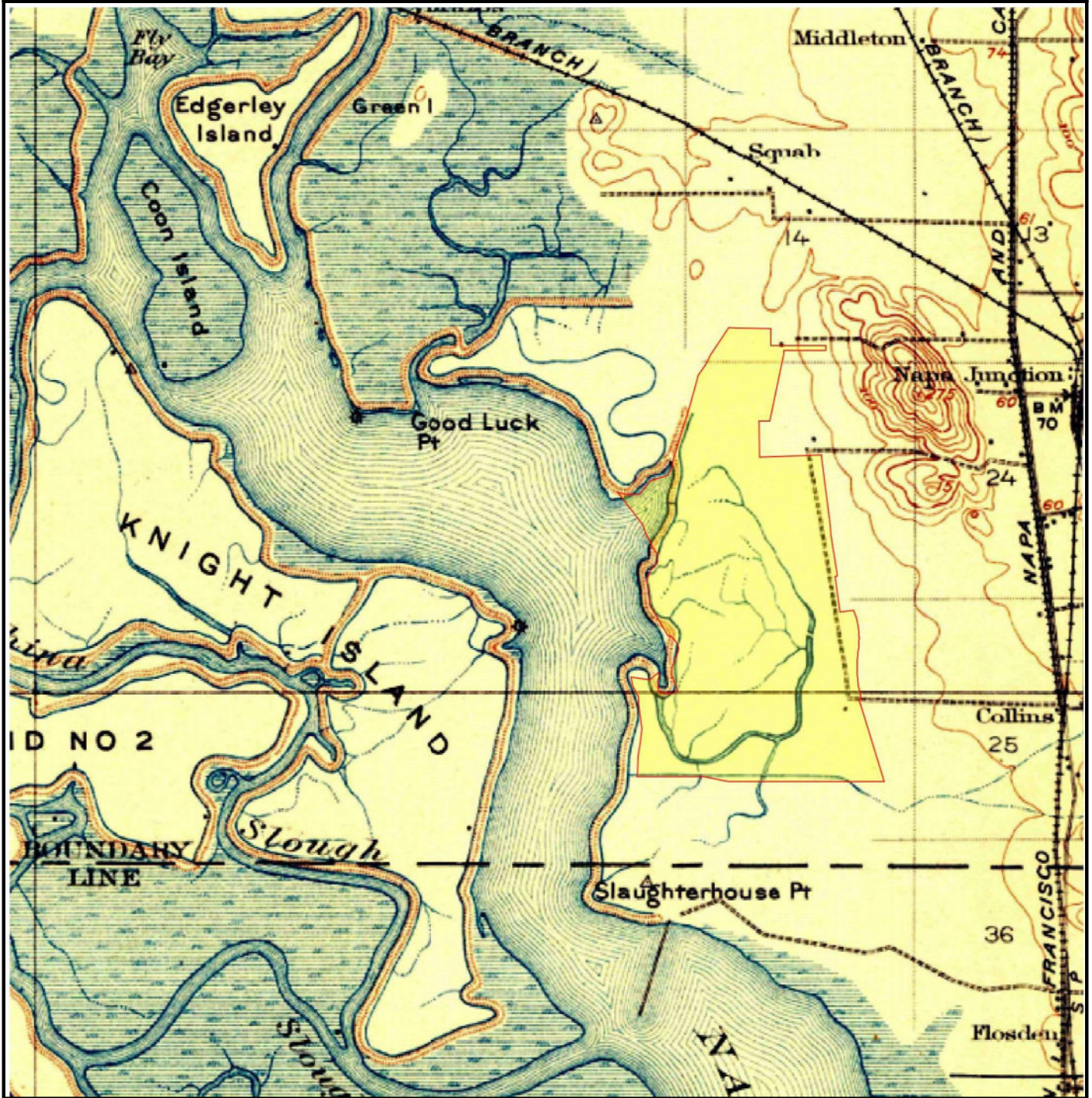
*Purchaser of the report accepts the report “As Is”. The report is intended only to provide information only and should not be considered as providing any legal advice, prediction, forecast, or fact as to the environmental risk for any specific property. Reports are proprietary to Envirosite, and contain copyrighted material and trademarks of Envirosite. All other trademarks used herein are the property of their respective owners. All rights of Envirosite as to the Reports are reserved.*

SUBJECT NAME: American Canyon Wetlands Restoration  
ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA, 94503  
LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
ORDER #: 72652  
REPORT DATE: 05/25/2022

SUBJECT QUAD:

MAP NAME: Mare Island      MAP YEAR: 1916      REVISION YEAR: N/R  
SCALE: 1 : 62500      Part 1



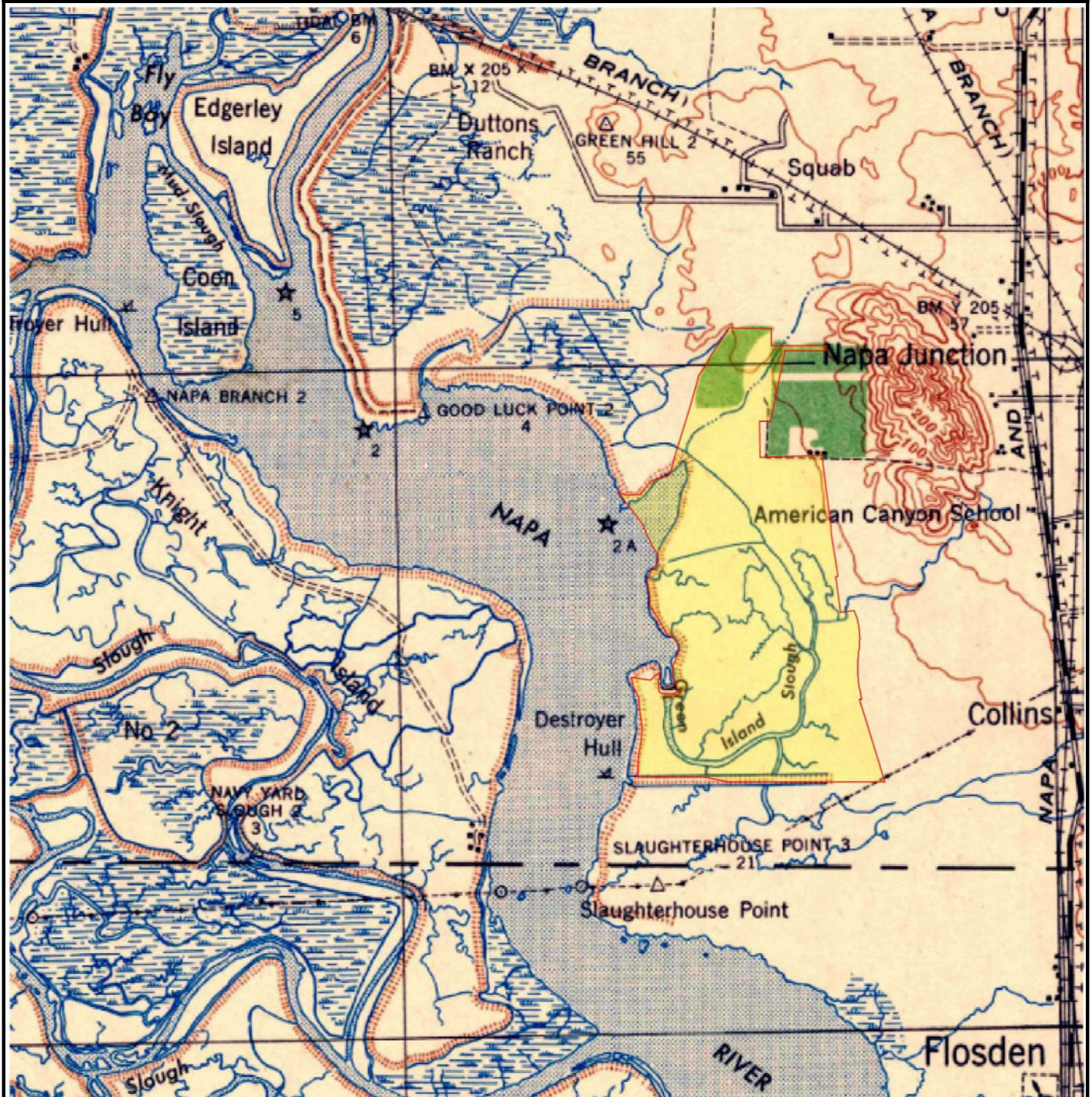


SUBJECT NAME: American Canyon Wetlands Restoration  
ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA, 94503  
LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
ORDER #: 72652  
REPORT DATE: 05/25/2022

SUBJECT QUAD:

MAP NAME: Mare Island      MAP YEAR: 1942      REVISION YEAR: N/R  
SCALE: 1 : 62500      Part 1





SUBJECT NAME: American Canyon Wetlands Restoration  
ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA, 94503  
LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
ORDER #: 72652  
REPORT DATE: 05/25/2022

SUBJECT QUAD:

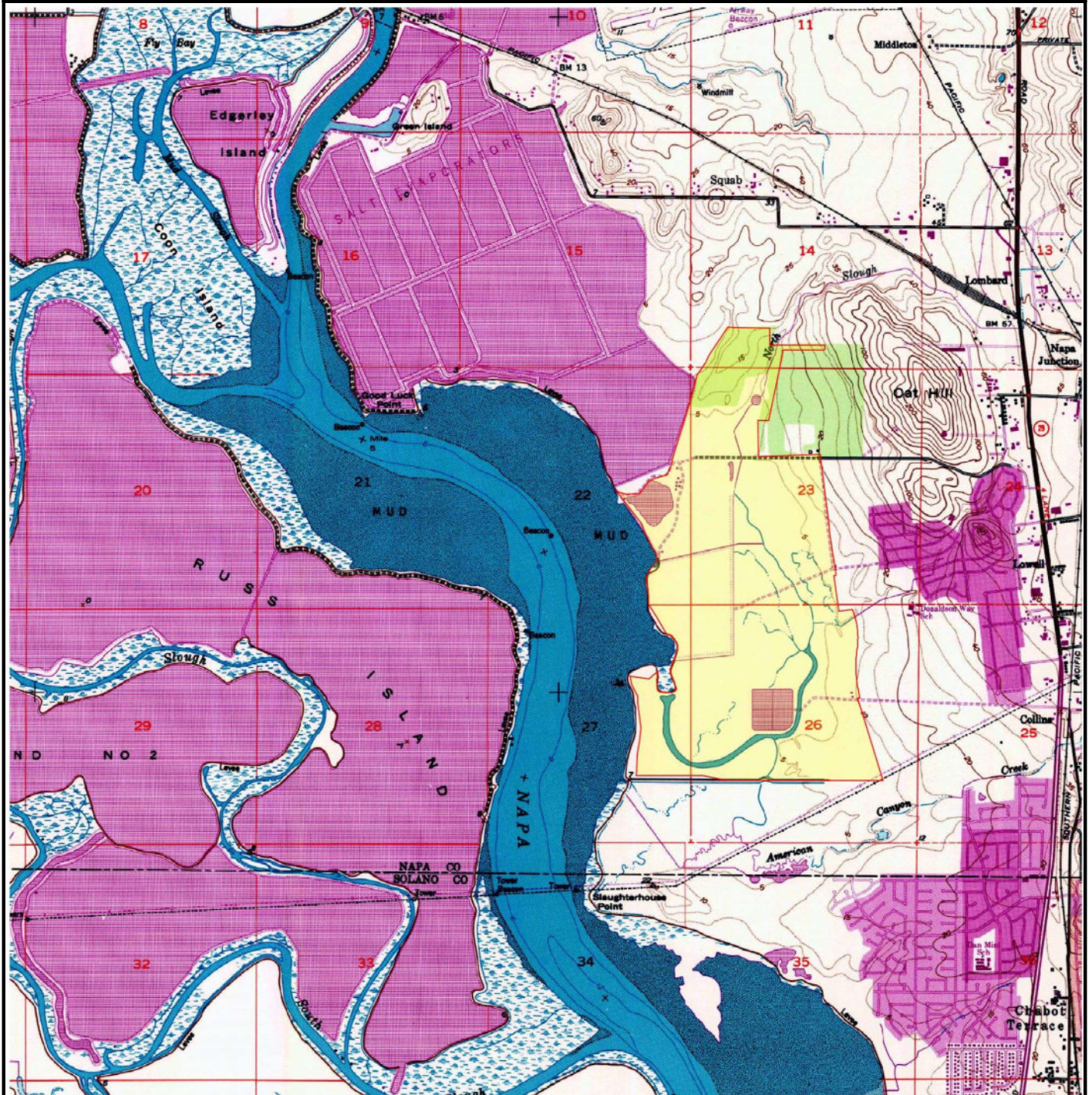
MAP NAME: Cuttings Wharf

MAP YEAR: 1949

REVISION YEAR: 1981

SCALE: 1 : 24000

Part 1



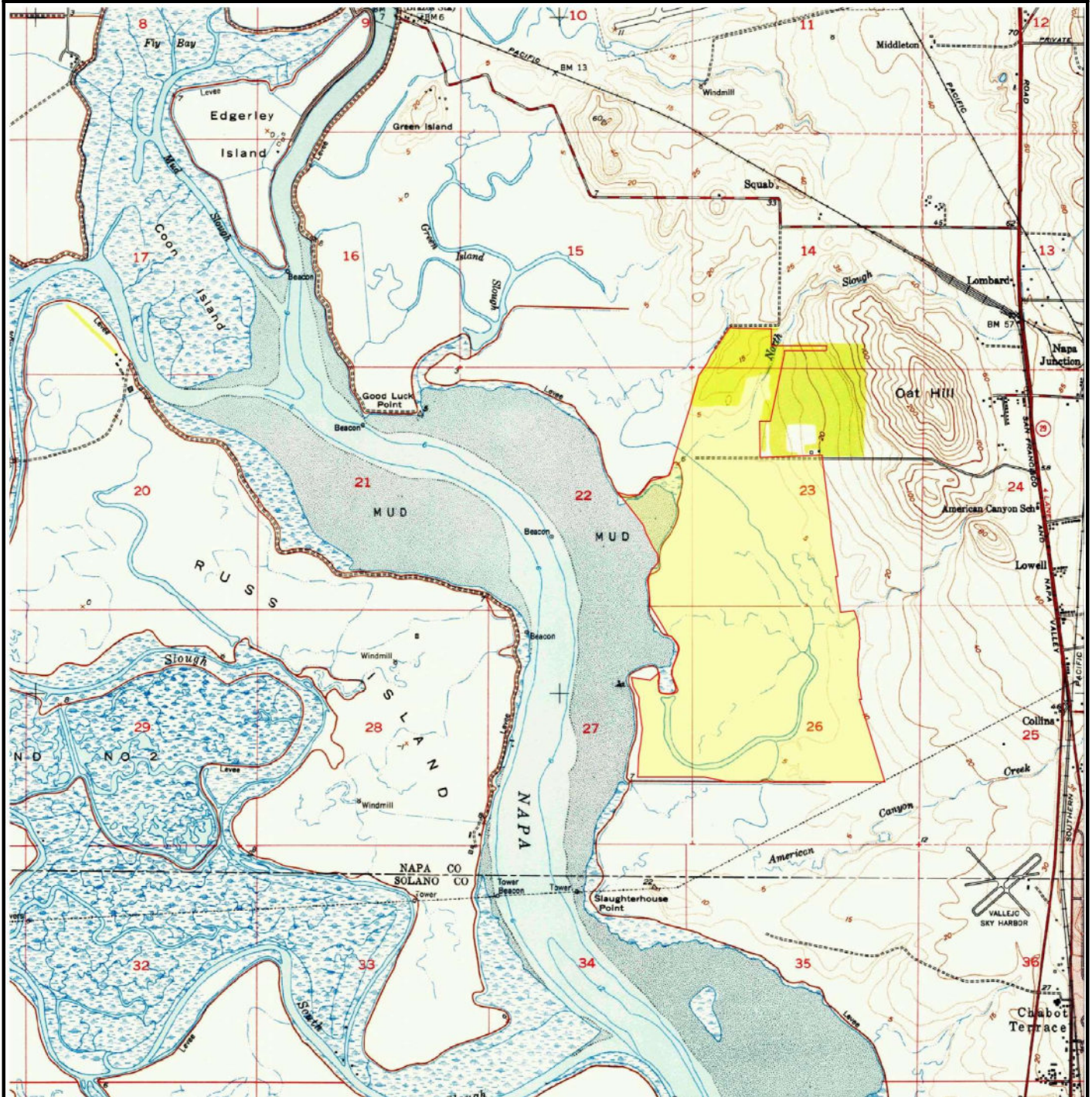


SUBJECT NAME: American Canyon Wetlands Restoration  
ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA, 94503  
LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
ORDER #: 72652  
REPORT DATE: 05/25/2022

SUBJECT QUAD:

MAP NAME: Cuttings Wharf      MAP YEAR: 1949      REVISION YEAR: N/R  
SCALE: 1 : 24000      Part 1



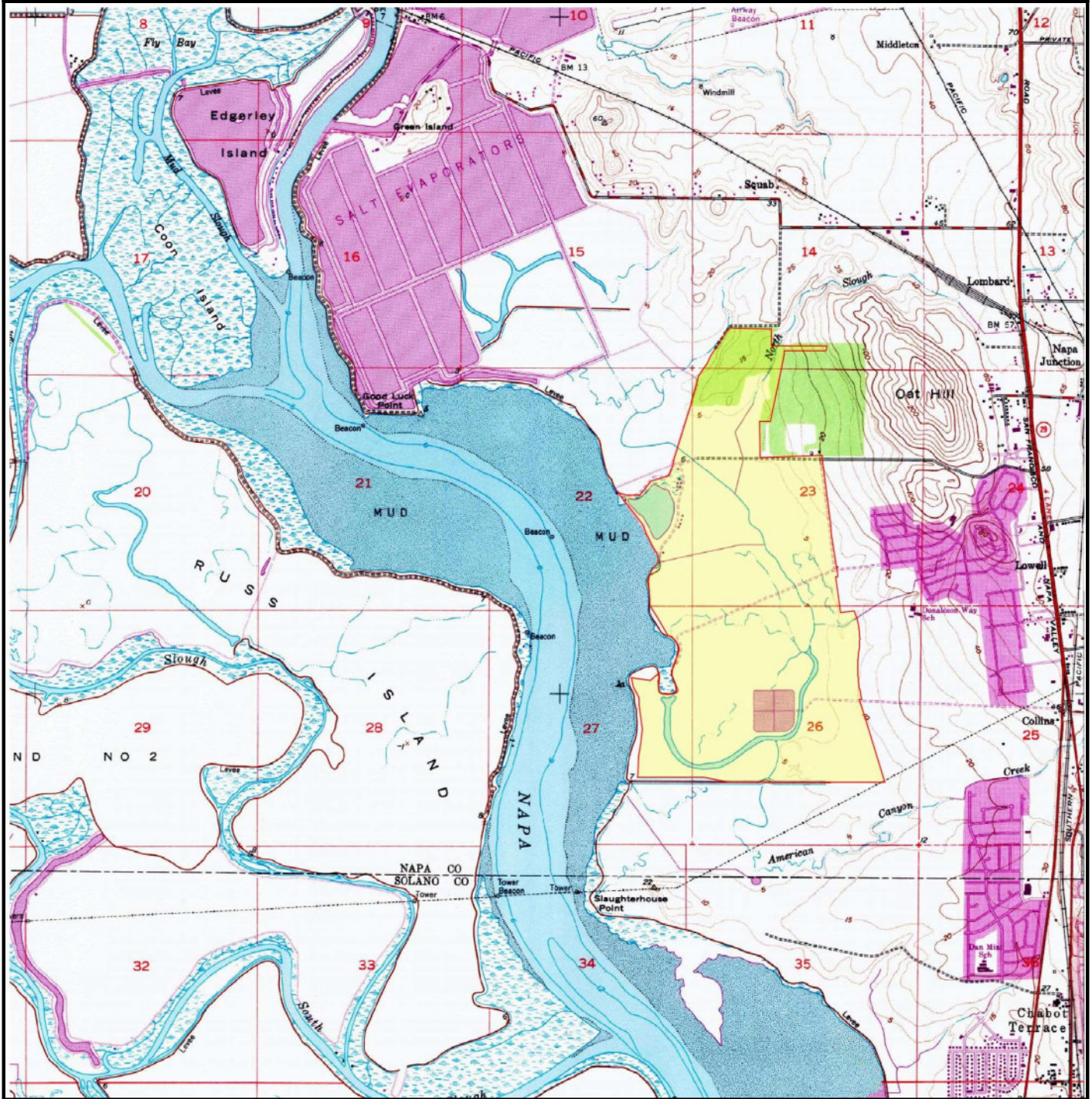


SUBJECT NAME: American Canyon Wetlands Restoration  
ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA, 94503  
LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
ORDER #: 72652  
REPORT DATE: 05/25/2022

SUBJECT QUAD:

MAP NAME: Cuttings Wharf      MAP YEAR: 1949      REVISION YEAR: 1968  
SCALE: 1 : 24000      Part 1



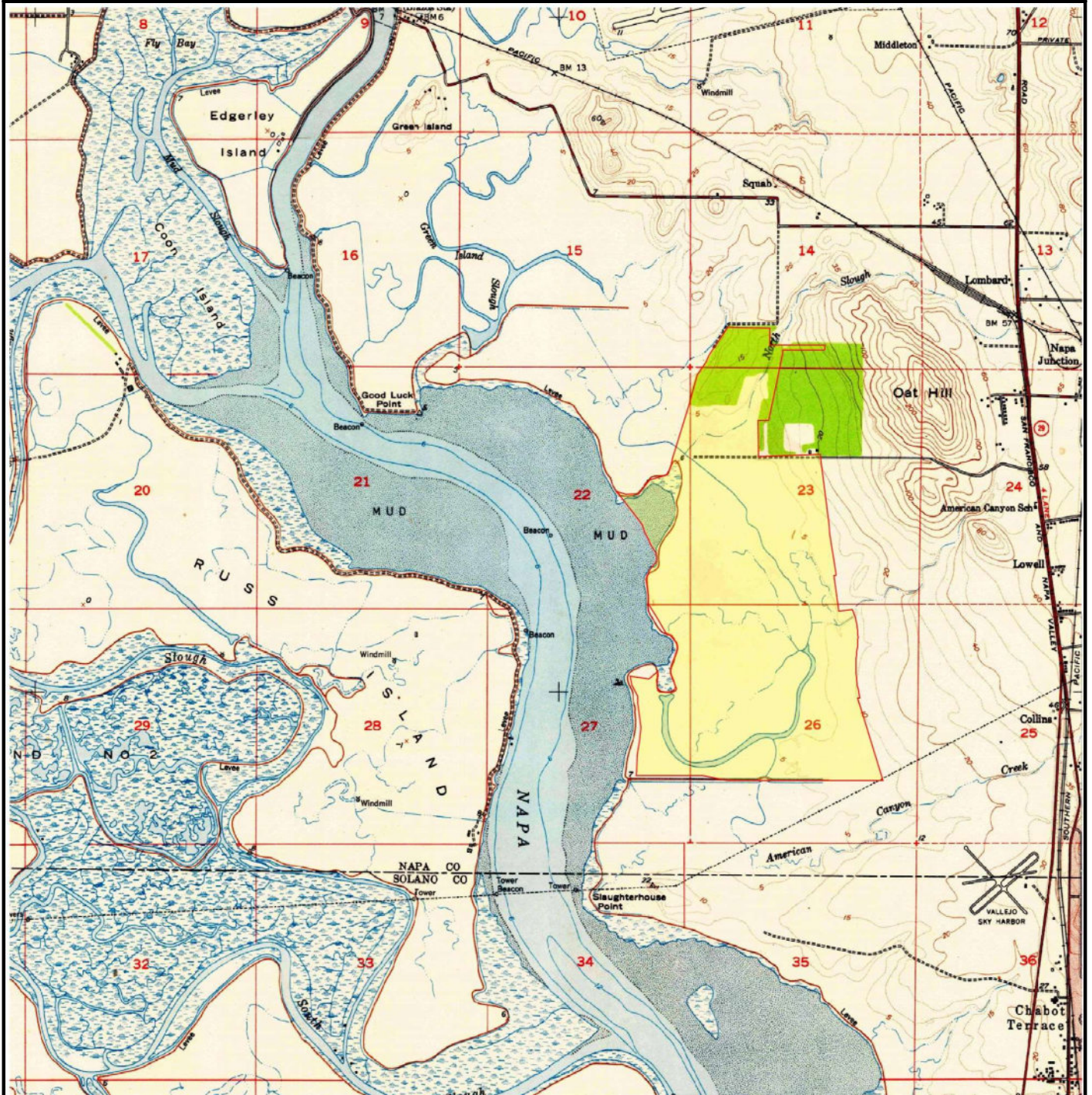


SUBJECT NAME: American Canyon Wetlands Restoration  
ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA, 94503  
LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
ORDER #: 72652  
REPORT DATE: 05/25/2022

SUBJECT QUAD:

MAP NAME: Cuttings Wharf      MAP YEAR: 1951      REVISION YEAR: N/R  
SCALE: 1 : 24000      Part 1



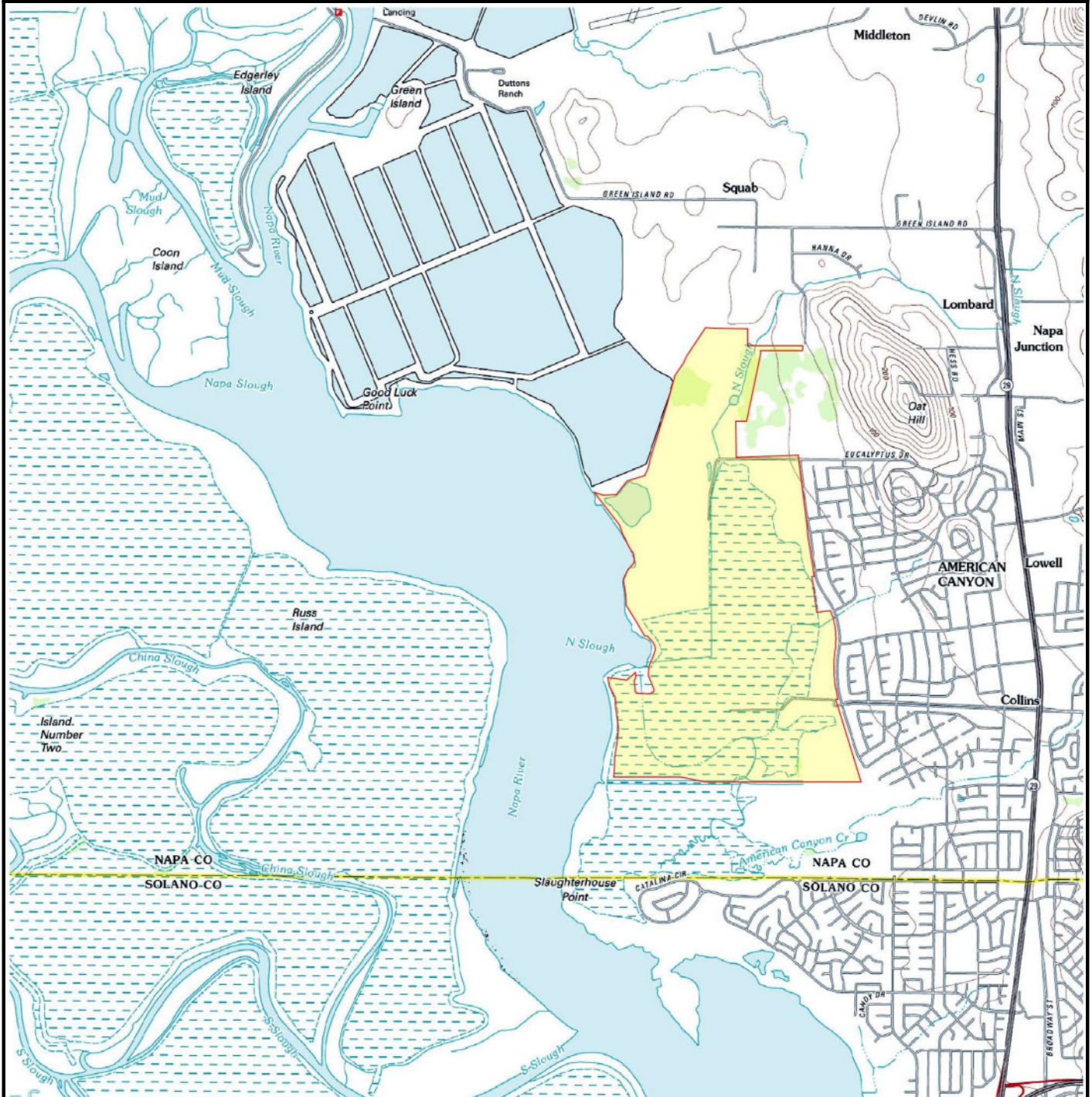


SUBJECT NAME: American Canyon Wetlands Restoration  
ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA, 94503  
LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
ORDER #: 72652  
REPORT DATE: 05/25/2022

SUBJECT QUAD:

MAP NAME: Cuttings\_Wharf      MAP YEAR: 2012      REVISION YEAR: N/R  
SCALE: 1 : 24000      Part 1



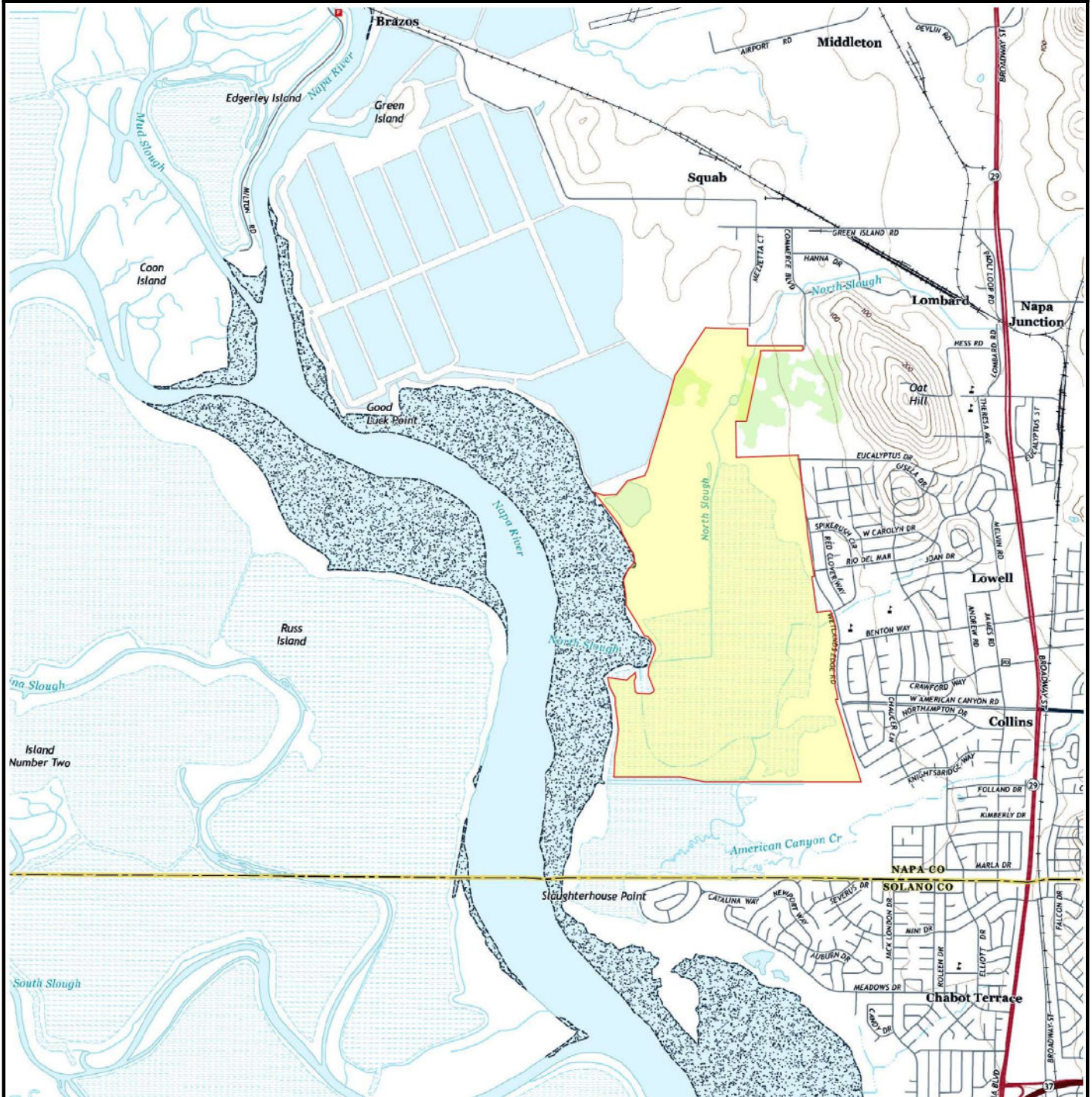


SUBJECT NAME: American Canyon Wetlands Restoration  
ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA, 94503  
LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
ORDER #: 72652  
REPORT DATE: 05/25/2022

SUBJECT QUAD:

MAP NAME: Cuttings\_Wharf      MAP YEAR: 2015      REVISION YEAR: N/R  
SCALE: 1 : 24000      Part 1



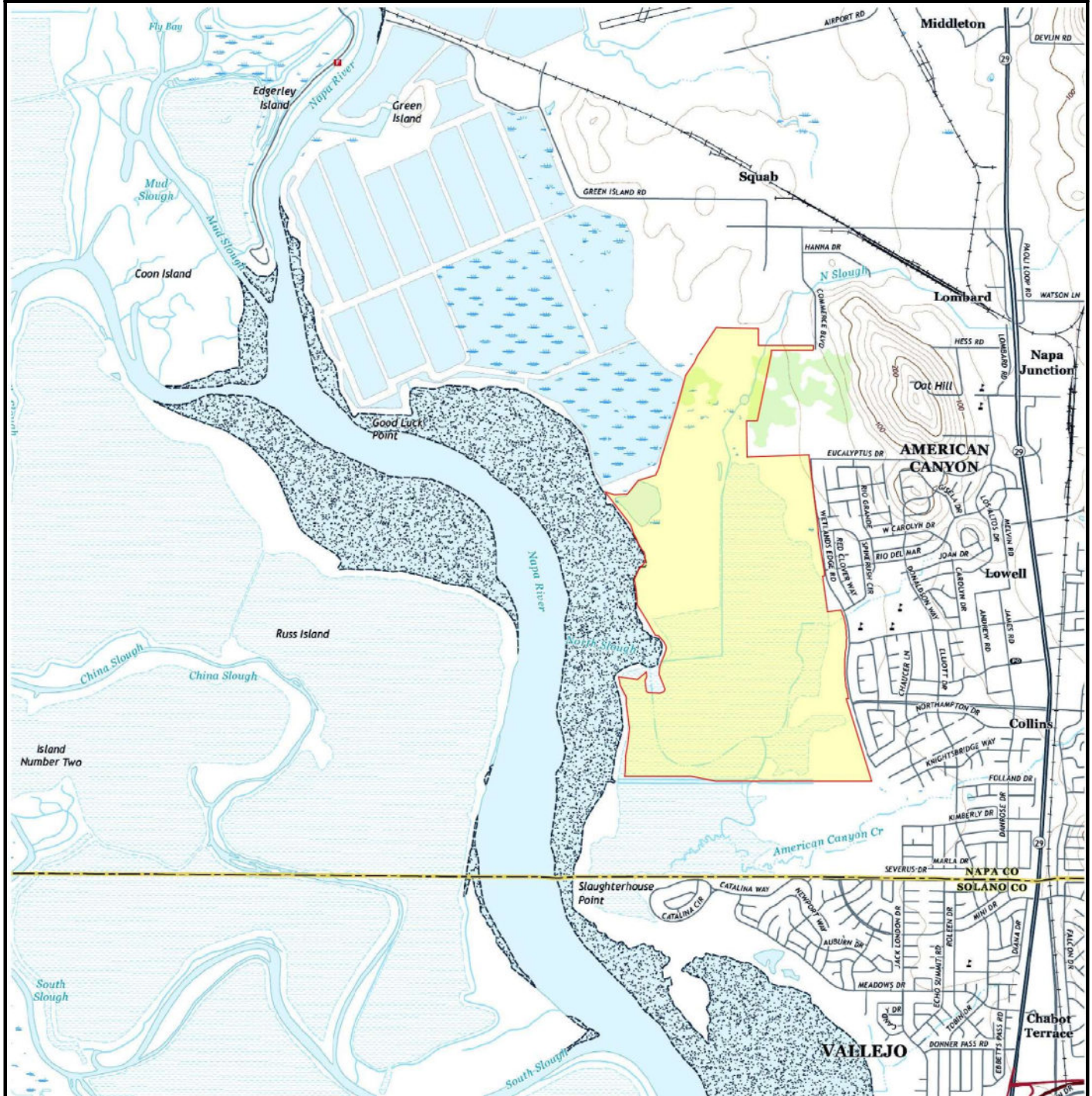


SUBJECT NAME: American Canyon Wetlands Restoration  
ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA, 94503  
LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
ORDER #: 72652  
REPORT DATE: 05/25/2022

SUBJECT QUAD:

MAP NAME: Cuttings\_Wharf      MAP YEAR: 2018      REVISION YEAR: N/R  
SCALE: 1 : 24000      Part 1





SUBJECT NAME: American Canyon Wetlands Restoration  
ADDRESS: 205 Wetlands Edge Rd, American Canyon, CA, 94503  
LAT/LONG: 38.172516 / -122.277744

PREPARED FOR: Environmental Science Associates  
ORDER #: 72652  
REPORT DATE: 05/25/2022

SUBJECT QUAD:

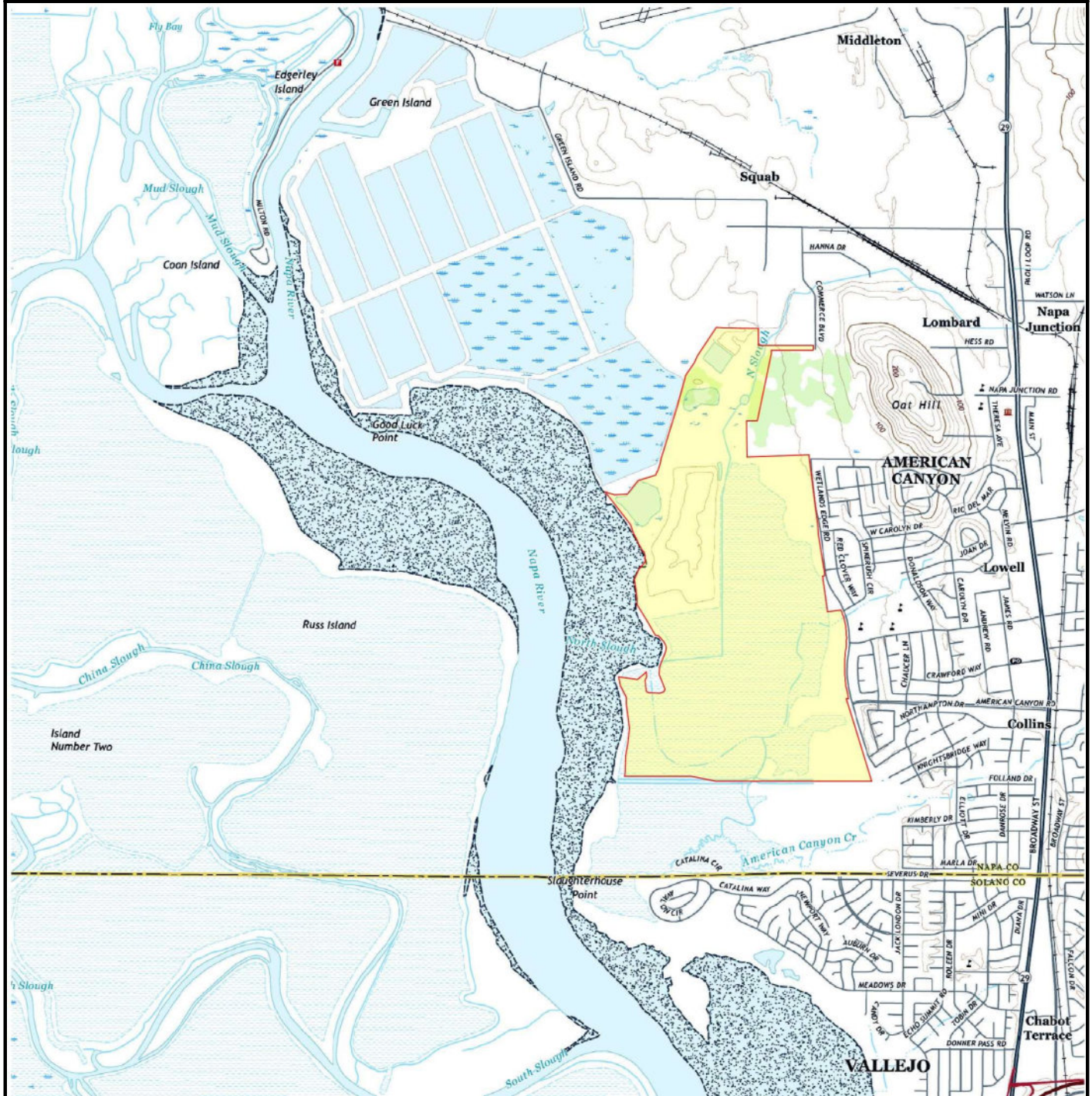
MAP NAME: Cuttings\_Wharf

MAP YEAR: 2021

REVISION YEAR: N/R

SCALE: 1 : 24000

Part 1



Appendix E  
**Biological Resources Memo**





# memorandum

date June 8, 2023 ; updates in response to BRRIT in April 2024.  
to City of American Canyon  
from Jiemin Guo, Leonard Lui, Alicia Khuon, Katie Dudney  
subject American Canyon Existing Conditions Draft

This memorandum is a working document that summarizes biological resources data collected as part of the existing information about American Canyon Wetlands Restoration Project

## Methods

Information used in preparation of this memorandum was obtained from the California Natural Diversity Database (California Department of Fish and Wildlife [CDFW], 2022), California Native Plant Society (CNPS) Electronic Inventory (CNPS, 2022), Calflora online wild California plant database (Calflora, 2023), San Francisco Estuary Institute and Aquatic Science Center's Bay Area Aquatic Resource Inventory GIS Data (SFEI, 2017), and U.S. Fish and Wildlife (USFWS) IPaC species list (USFWS, 2022), and other biological literatures.

Vegetation types (Figure 1) and wildlife habitats were identified using records, anecdotal field observations, and aerial imagery.

## Habitats

### Shallow Bay (Napa River)

This habitat type is typically found offshore, and plant communities include diatoms and other microalgae, macroalgae, and eelgrass (*Zostera marina*). The shallow subtidal range includes the areas between mean lower low water (MLLW) and the approximate bathymetric contour 18 feet below MLLW. The sediments of shallow bays and channels are primarily mud. Shallow bays are a rich environment that is an especially productive feeding area important for many invertebrates, fishes, mammals, and birds.

Microalgae are foundational to the San Francisco Bay Estuary food web, supplying food for invertebrates that are then consumed by shorebirds and waterfowl, including black-necked stilt (*Himantopus mexicanus*), bufflehead (*Bucephala albeola*), and lesser scaup (*Aythya affinis*). Macroalgae and eelgrass support invertebrates and fish, including Pacific herring (*Clupea harengus*) and longfin smelt (*Spirinchus thaleichthys*), by providing shelter, food, and spawning areas.



Eelgrass is a particularly important plant species found in the upper reaches of shallow bays. The Estuary's only rooted seagrass, eelgrass provides feeding, escape, or breeding habitat for many species of invertebrates, fishes, and some waterfowl. The economically important Pacific herring spawns in eelgrass beds, and least terns (*Sternula antillarum browni*) forage on small fishes that are found there.

### **Bay Flat (Tidal Flat)**

Tidal flat habitat includes mudflats, sandflats, and shellflats. It occurs from below MLLW (at the elevation of the lowest tides) to mean tide level (MTL) and supports less than 10 percent cover of vascular vegetation, other than eelgrass. About 90 percent of intertidal flat habitat occurs on the edges of the Estuary, and the remainder is associated with shallow tidal channels (below). Mudflats comprise the largest area of tidal flat habitat. These expanses of fine-grained silts and clays support an extensive community of diatoms, worms, and shellfish, as well as algal flora including green algae (*Chlorophyta*), red algae (*Rhodophyta*), and sea lettuce (*Ulva*). Eelgrass, described previously under shallow bay habitat, can also be a component of mudflats.

During the twice-daily high tides, water inundates tidal flats and provides foraging habitat for many species of fishes including longfin smelt, staghorn sculpin (*Leptocottus armatus*), and starry flounder (*Platichthys stellatus*). During low tides, tidal flats are the major feeding areas for many species of shorebirds; mudflats, in particular, are rich in shorebird food items. Tidal flats and channels provide foraging and roosting habitat for shorebirds at low tide such as least sandpiper (*Calidris minutilla*), greater yellowlegs (*Tringa melanoleuca*), and black-bellied plover (*Pluvialis squatarola*), which hunt for worms, shellfish, and other invertebrates that inhabit the bay mud. Tidal channels also provides habitat for ducks such as mallard (*Anas platyrhynchos*), northern shoveler (*Spatula clypeata*), and green-winged teal (*Anas crecca*).

### **Wetland (Salt Marsh, Brackish Marsh, Diked Marsh)**

Tidal marsh is vegetated wetland that is subject to tidal action. It occurs throughout much of the Estuary from the lowest extent of vascular vegetation to the top of the intertidal zone (at the maximum height of the tides). Tidal marsh also exists in the tidal reaches of local rivers and streams. In the fresher parts of the Estuary, it occurs at lower elevations in the intertidal zone.

Tidal marsh plant communities vary markedly from one part of the Estuary to another. This variation correlates strongly to salinity patterns and to other factors such as substrate, wave energy, marsh age, sedimentation, and erosion. Pacific cordgrass (*Spartina foliosa*) typically dominates from unvegetated tidal mudflats fringing marsh areas to mean high water (MHW). Pickleweed (*Sarcocornia pacifica*) mixes with cordgrass in the upper half of this range, but in higher wetland areas near and above MHW, pickleweed is dominant. Other common wetland species include marsh gumplant (*Grindelia stricta* var. *angustifolia*), seaside arrow grass (*Triglochin maritima*), saltgrass (*Distichlis spicata*), and jaumea (*Jaumea carnosa*). High marsh areas can support additional, less common plant species, including Suisun marsh aster (*Symphotrichum lentum*). Brackish waters with a mix of saline and fresh water are located along creek channels and other drainages due to mixing of tidewaters and runoff. Alkali bulrush (*Bolboschoenus maritimus*) can dominate the flat terrace of channels, with pickleweed and saltgrass also present. Adjacent upland areas contain non-native species, including black mustard (*Brassica nigra*), fennel (*Foeniculum vulgare*), and Himalayan blackberry (*Rubus armeniacus*).

High-quality tidal marshes provide a complex habitat for many fish and wildlife. In San Pablo Bay, tidal marshes support gobies (*Gobiidae*), sculpins (*Cottoidea*), and three-spined stickleback (*Gasterosteus aculeatus*). Some

bird species associated with tidal marshes in the vicinity of the Napa River include snowy egret (*Egretta thula*), northern harrier (*Circus hudsonius*), California Ridgway's rail (*Rallus obsoletus obsoletus*), California black rail (*Laterallus jamaicensis coturniculus*), willet (*Tringa semipalmata*), saltmarsh yellowthroat (*Geothlypis trichas*), and San Pablo song sparrow (*Melospiza melodia samuelis*). Small mammal species that rely primarily on tidal marsh include salt marsh wandering shrew, Suisun shrew, and salt marsh harvest mouse. Predators such as red fox (*Vulpes vulpes*), raccoon (*Procyon lotor*), and coyote (*Canis latrans*) prey on smaller species in middle and high marsh. Harbor seals (*Phoca vitulina*) utilize tidal marsh as resting or haul-out sites during high tides.

Diked wetlands are areas of historic marsh that have been isolated from tidal influence by levees or berms. They generally retain salt marsh vegetation, typically pickleweed, due to the high salt content of the soil. They can subside over time as organic material decomposes and the soil dewatered from evaporation. Low areas can accumulate rainwater and vegetation more typically associated with freshwater or seasonal wetlands can become dominant. Seasonal wetland areas are generally dominated by one or more of the following herbaceous plants: Italian rye grass (*Festuca perennis*), fat hen (*Atriplex prostrata*), cattails (*Typha* spp.), alkali bulrush, fennel, California bulrush (*Schoenoplectus californicus*), rabbits foot grass (*Polypogon monspeliensis*), or bristly ox-tongue (*Helminthotheca echioides*).

### **Marsh Flat (Tidal Slough/Channel)**

Marsh flats occur at the same elevation as bay/tidal flats (above) but are located within higher elevation tidal marshes. Historically, a greater proportion of tidal flat occurred along the edges of tidal marsh channels (SFEI 1998). The tidal cycles and biotic components of marsh flats are extremely similar to bay flats. However, California Ridgway's rails frequently use tidal channels for foraging, preferring the shelter in narrow channels to the open spaces of tidal flats.

### **Pond (Open Water)**

Areas of marsh or open water were diked or excavated in the past to serve industrial or civil purposes, such as salt production ponds, treatment ponds, and flood control basins. Managed ponds provide open water habitat within the Study Area. Ponds can include islands and emergent vegetation, as well as deeper freshwater habitat. Managed ponds can support waterbird breeding in spring and summer and provide foraging and resting habitat for overwintering and migrating waterbirds. Islands and substantial clumps of vegetation provide suitable roosting habitat for shorebirds, gulls, ducks, and geese. Canada goose (*Branta canadensis*), American coot (*Fulica americana*), ring-billed gull (*Larus delawarensis*), and mallard are common bird species at managed ponds.

### **Grassland**

Grassland occurs in developed or ruderal locations within the Study Area, including the inactive portions of the landfill, as well as levee or berm slopes. These grasslands are primarily dominated by common non-native and invasive annual grasses, such as fescue (*Festuca* spp.), wild oats (*Avena* spp.), and rigput brome (*Bromus diandrus*), as well as non-native and invasive forbs including wild radish (*Raphanus* sp.), poison hemlock (*Conium maculatum*), and fennel (*Foeniculum vulgare*).

Some common wildlife that may use grassland habitats in the Study Area are western fence lizard (*Sceloporus occidentalis*), black-tailed jackrabbit (*Lepus californicus*), California ground squirrel (*Otospermophilus beecheyi*), savannah sparrow (*Passerculus sandwichensis*), and western meadowlark (*Sturnella neglecta*). The grassland habitat in areas directly adjacent to tidal and non-tidal wetlands may be used as foraging habitat by the salt marsh harvest mouse and is important as refugia for them during high tides, storms, and flood events.

## Woodland

Eucalyptus woodlands are upland areas that are dominated by eucalyptus (*Eucalyptus* spp.). Some native tree and shrub species, such as coast live oak (*Quercus agrifolia*), California bay laurel (*Umbellularia californica*), and poison oak may be present, along with other non-native species such as black acacias (*Acacia melanoxylon*).

Birds often found within eucalyptus-dominated woodlands include dark-eyed junco (*Junco hyemalis*), oak titmouse (*Baeolophus inornatus*), chestnut-backed chickadee (*Poecile rufescens*), house wren (*Troglodytes aedon*), ruby-crowned kinglet (*Regulus calendula*), spotted towhee (*Pipilo maculatus*), great horned owl (*Bubo virginianus*), red-tailed hawk (*Buteo jamaicensis*), and Nuttall's woodpecker (*Picoides nuttallii*). Fox squirrel (*Sciurus niger*), striped skunk (*Mephitis mephitis*), and raccoon are common mammals in eucalyptus woodland habitat.

A small patch of riparian woodlands occurs near Wetlands Edge Road. Trees in riparian habitat typically include willow (*Salix* spp.), alder (*Alnus* spp.), coast live oak, and California bay laurel. Bird and mammal species commonly found in riparian habitat include spotted towhee, Nuttall's woodpecker, striped skunk, and raccoon.

## Other/Developed

Developed areas within the Study Area include levees and berms, ruderal areas, landscaped areas, and other areas disturbed by human activities. Other areas are mostly devoid of vegetation as the result of buildings, pavement and other hardscapes, regular mowing, soil compaction, or lack of suitable substrate for plant establishment and growth. Buildings and old structures may have potential to support some roosting bats and nesting birds such as barn swallow (*Hirundo rustica*), cliff swallow (*Petrochelidon pyrrhonota*), house sparrow (*Passer domesticus*), and house finch (*Haemorrhous mexicanus*). The levees are likely used by wildlife to move between wetland and upland habitats. Developed areas provide limited wildlife habitat and usually support only generalist species (e.g., striped skunk and raccoon), and sometimes non-native wildlife species that are tolerant of human presence and activities, such as Norway rat (*Rattus norvegicus*) and Virginia opossum (*Didelphis virginiana*). Shoreline areas with rip-rap can provide foraging and roosting habitat for shorebirds, including black oystercatcher (*Haematopus bachmani*), and black turnstone (*Arenaria melanocephala*).

## Special-Status Species

Table 1 provides a listing of special-status species with moderate or high potential to occur in the Study Area. Project activities that could impact state or federally protected species or their habitats may require consultation with and authorization by regulatory agencies. A complete record search<sup>1</sup> of all special status species documented

---

<sup>1</sup> Records were obtained and compiled from the California Natural Diversity Database, the California Native Plant Society, and the U.S. Fish and Wildlife Service's IPaC resource list for the Study Area.

in the vicinity along with their potential to occur can be found in Attachment 1. This potential to occur evaluation can be used as part of environmental documentation for future phases of the Project.

TABLE 1

## SPECIAL STATUS SPECIES WITH MODERATE TO HIGH POTENTIAL TO OCCUR WITHIN THE PROJECT AREA

Common Name	Scientific Name	Listing Status USFWS/ CDFW/Other
<b>Fish</b>		
Longfin smelt	<i>Spirinchus thaleichthys</i>	FC/ST/--
Central California Coast steelhead DPS±	<i>Oncorhynchus mykiss</i>	FT/--/--
North American green sturgeon southern DPS±	<i>Acipenser medirostris</i>	FT/SSC/--
<b>Birds</b>		
Great egret	<i>Ardea alba</i>	--*/--
Snowy egret	<i>Egretta thula</i>	--*/--
Northern harrier	<i>Circus hudsonius</i>	--/SSC/--
White-tailed kite	<i>Elanus leucurus</i>	--/FP/--
California black rail	<i>Laterallus jamaicensis coturniculus</i>	--/ST, FP/--
California Ridgway's (formerly: clapper) rail	<i>Rallus obsoletus obsoletus</i>	FE/SE, FP/--
Burrowing owl	<i>Athene cunicularia</i>	--/SSC/--
San Pablo song sparrow	<i>Melospiza melodia samuelis</i>	--/SSC/--
Saltmarsh common yellowthroat	<i>Geothlypis trichas sinuosa</i>	--/SSC/--
Tricolored blackbird	<i>Agelaius tricolor</i>	--/SSC/--
<b>Mammals</b>		
Salt marsh harvest mouse	<i>Reithrodontomys raviventris</i>	FE/SE, FP/--
Suisun shrew	<i>Sorex ornatus sinuosus</i>	--/SSC/--
<b>Plants</b>		
Johnny-nip	<i>Castilleja ambigua</i> var. <i>ambigua</i>	--/--/4.2
Lyngbye's sedge	<i>Carex lyngbyei</i>	--/--/2B.2
Soft salty bird's beak	<i>Chloropyron molle</i> ssp. <i>molle</i>	FE/SR/1B.2
Bolander's water-hemlock	<i>Cicuta maculata</i> var. <i>bolanderi</i>	--/--/2B.1
Small spikerush	<i>Eleocharis parvula</i>	--/--/4.3
San Joaquin spearscale	<i>Extriplex joaquinana</i>	--/--/1B.2
Congested-headed hayfield	<i>Hemizonia congesta</i> ssp. <i>congesta</i>	--/--/1B.2
Delta tule pea	<i>Lathyrus jepsonii</i> var. <i>jepsonii</i>	--/--/1B.2
Mason's lilaepsis	<i>Lilaeopsis masonii</i>	--/SR/1B.1
Suisun marsh aster	<i>Symphyotrichum lentum</i>	--/--/1B.2
Saline clover	<i>Trifolium hydrophilum</i>	--/--/1B.2

## STATUS CODES:

---

FEDERAL: (U.S. Fish and Wildlife Service)

FE = Listed as Endangered (in danger of extinction) by the Federal Government

FT = Listed as Threatened (likely to become Endangered within the foreseeable future) by the Federal Government

FC = Candidate to become an Endangered or Threatened species

STATE: (California Department of Fish and Wildlife)

SE = Listed as Endangered by the State of California

ST = Listed as Threatened by the State of California

SR = Listed as Rare by the State of California

FP = Fully Protected

SSC = California Species of Special Concern

\* = Special animal present on CDFW's Special Animal List

Other

VU = Listed as Vulnerable by Xerces Society for Invertebrate Conservation

**California Rare Plant Ranks (CRPR):**

List 1B = Plants rare, threatened, or endangered in California and elsewhere

List 4 = Plants with limited distribution or infrequent throughout a broader area in California, and their status should be monitored regularly

An extension reflecting the level of threat to each species is appended to each rarity category as follows:

.1 – Seriously threatened in California

.2 – Fairly threatened in California

.3 – Not very threatened in California

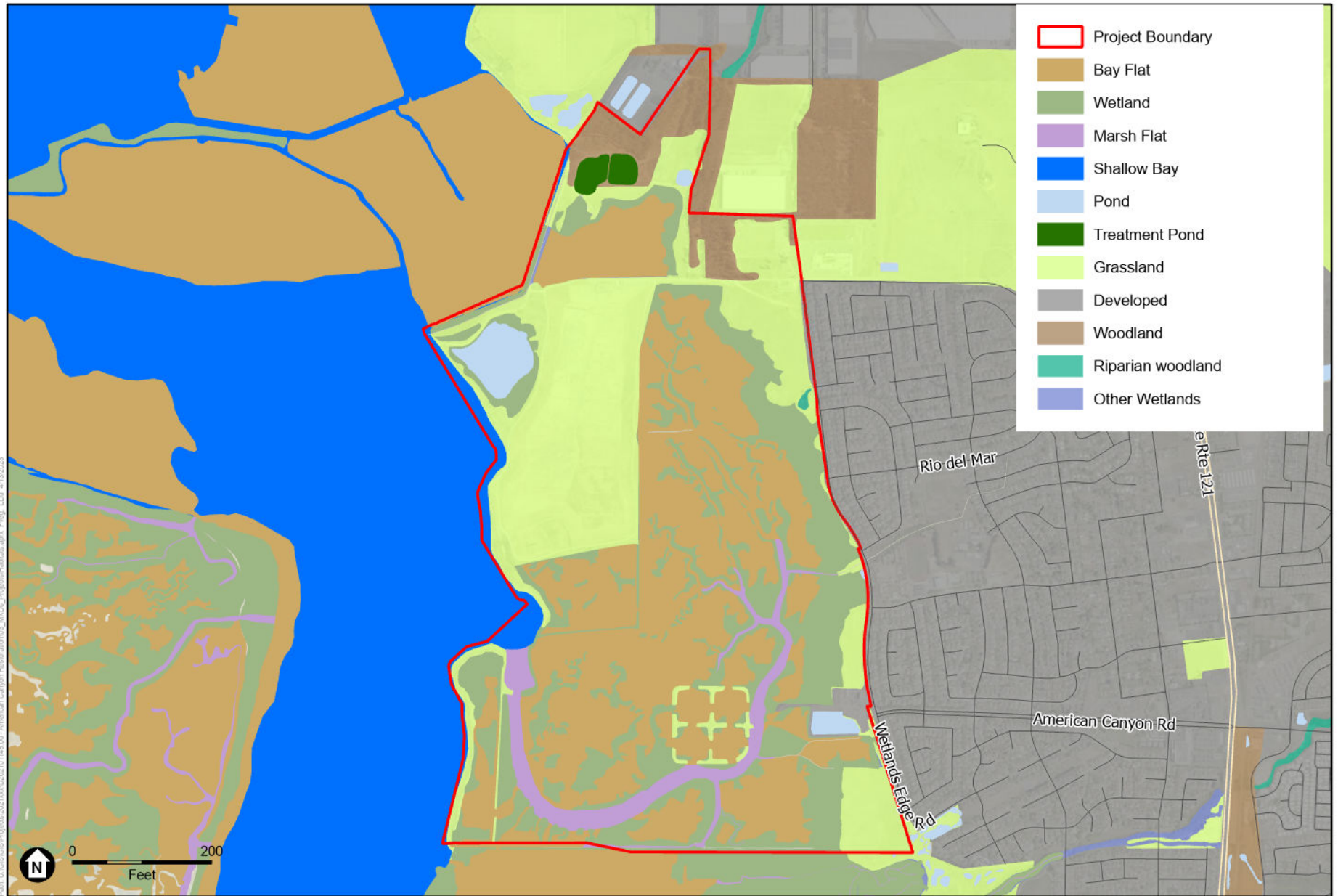
± Evaluation of species modified from 'low' to 'moderate' potential following feedback letter received from the Bay Restoration Regulatory Integration Team on November 2, 2023

## References

- Calflora website (Calflora). 2023. Website: Information on wild California plants for conservation, education, and appreciation. Available at: <http://www.calflora.org/>. Accessed: March 2023.
- California Department of Fish and Wildlife (CDFW). 2023. California Natural Diversity Database (CNDDDB), Wildlife and Habitat Data Analysis Branch. Sacramento, CA. Accessed: March 31, 2023.
- California Native Plant Society (CNPS). 2023. Online Inventory of Rare, Threatened, and Endangered Plants of California. Available at: <http://www.rareplants.cnps.org/>. Accessed: March 2023.
- Jepson Flora Project (eds.). 2023. Jepson eFlora, <https://ucjeps.berkeley.edu/eflora/>. Accessed on March 31, 2023.
- San Francisco Estuary Institute (SFEI). 1998. Bay Area EcoAtlas V1.50b4: Geographic Information System of wetland habitats past and present.
- San Francisco Estuary Institute and Aquatic Science Center (SFEI ASC). 2017. Bay Area Aquatic Resource Inventory (BAARI) Version 2.1 GIS Data. Last updated Dec. 28, 2017. <http://www.sfei.org/data/baari-version-21-gis-data>
- Shuford, W.D., and Gardali, T., editors. 2008. California Bird Species of Special Concern: A ranked assessment of species, subspecies, and distinct populations of birds of immediate conservation concern in California. Studies of Western Birds. Western Field Ornithologists, Camarillo, California, and California Department of Fish and Game, Sacramento.



- Shuford, W.D., J.P. Kelly, T.E. Condeso, D.S. Cooper, K.C. Molina, D. Jongsomjit. 2020. Distribution and Abundance of Colonial Herons and Egrets in California, 2009–2012. *Western Birds* 51:190–220, 2020; doi 10.21199/WB51.3.2.
- Thorne J.H., R.M. Boynton, A. Merritt, S.K. Rice, E. Kalalipour, J. Patrick. 2019. The 2016 update to the Napa Vegetation Map of 2004. University of California, Davis.  
<https://gis.data.ca.gov/datasets/CDFW::vegetation-napa-county-update-2016-ds2899-1/about>
- United States Fish and Wildlife Service (USFWS). 2022. IPaC Trust Resources Report for American Canyon Wetland Restoration. <https://ecos.fws.gov/ipac/>. Generated July 14, 2022.



SOURCE: ESA, 2023; ESRI 2023; SFEI ASC 2017; Thome et al. 2019

American Canyon Wetlands Restoration Project

**Figure 1**  
Habitats

# **ATTACHMENT 1**

---

**Table BIO-1**  
**Special-Status Species Potential to Occur in the Vicinity of the Study Area**

<b>Common Name Scientific Name</b>	<b>Listing Status USFWS/ CDFW/Other</b>	<b>General Habitat Requirements and Period of Identification</b>	<b>Potential for Species Occurrence</b>
<b>Invertebrates</b>			
Conservancy fairy shrimp <i>Branchinecta conservatio</i>	FE/--/--	Conservancy fairy shrimp are extremely rare and only found in California's Central Valley. They mostly live in relatively large, playa pools.	<b>Low.</b> Limited suitable habitat for this species is present in the immediate vicinity of the study area. No documented occurrence in the vicinity of the study area.
Vernal pool fairy shrimp <i>Branchinecta lynchi</i>	FT/--/--	Endemic to the grasslands of the Central Valley, Central Coast mountains, and South Coast mountains, in astatic rain-filled pools.	<b>Low.</b> Limited suitable habitat for this species is present in the immediate vicinity of the study area.
Vernal pool tadpole shrimp <i>Lepidurus packardii</i>	FE/--/--	Vernal pool tadpole shrimps are uncommon. Inhabits vernal pools and swales in the Sacramento Valley containing clear to highly turbid water.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area.
California freshwater shrimp <i>Syncaris pacifica</i>	FE/SE/--	Endemic to Marin, Napa, and Sonoma counties. Found in low elevation, low gradient streams and shallow pools away from main streamflow where riparian cover is moderate to heavy.	<b>Low.</b> Limited suitable habitat for this species is present in the immediate vicinity of the study area.
Monarch butterfly <i>Danaus plexippus</i> (wintering sites)	FC/--/VU-IM	Overwinter in forested coastal groves with protection from winds and storms, absence of freezing temperatures, exposure to dappled sunlight, high humidity, and access to nectar and water.	<b>Low.</b> Suitable habitat is not present in the study area, though there are documented occurrences (CNDDB #19 and #327) approximately 4 miles from the study area.
<b>Fish</b>			
North American green sturgeon, Southern DPS <i>Acipenser medirostris</i>	FT/SSC/--	Adults found in coastal waters from Canada to Mexico. Requires cold, freshwater streams with suitable gravel for spawning, rears in seasonally inundated floodplains, rivers, tributaries, and Delta.	<b>Moderate.</b> This species migrates from the Pacific Ocean to spawning habitat in the Sacramento River watershed but may forage in or near the study area.
Tidewater goby <i>Eucyclogobius newberryi</i>	FE/--/--	Coastal lagoons, estuaries, and marshes.	<b>None.</b> Extirpated from San Francisco Bay.
Gualala roach <i>Hesperoleucus parvipinnis</i>	--/SSC/--	Confined to the Gualala River and its tributaries	<b>Not expected.</b> Study area is outside of known range of expected occurrence locations.

Common Name <i>Scientific Name</i>	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
Northern coastal roach <i>Hesperoleucus venustus navarroensis</i>	--/SSC/--	Found generally in a wide variety of habitats in the Navarro River and Russian River basins where there is cover (e.g. fallen trees) and where alien predators are absent.	<b>Not expected.</b> Study area is outside of known range of expected occurrence locations.
Delta smelt <i>Hypomesus transpacificus</i>	FT/SE/--	Endemic to the Sacramento-San Joaquin Delta distributed from Suisun Bay upstream through the Delta in Contra Costa, Sacramento, San Joaquin, and Solano Counties.	<b>Low.</b> Limited suitable habitat exists in the study area but site is at extreme limit of range of expected occurrence locations.
Russian river tule perch <i>Hysteroecarpus traskii pomo</i>	--/SSC/--	Low elevation streams of the Russian River system.	<b>Not expected.</b> Study area is outside of known range of expected occurrence locations.
Hardhead <i>Mylopharodon conocephalus</i>	--/SSC/--	Low to mid-elevation streams in the Sacramento-San Joaquin drainage. Also present in the Russian River.	<b>Not expected.</b> Study area is outside of known range of expected occurrence locations.
Coho salmon, central California coast ESU <i>Oncorhynchus kisutch</i>	FE/SE/--	Larger rivers serve as migration pathways for adults; juveniles rear in smaller tributaries.	<b>None.</b> Extirpated from San Francisco Bay
Steelhead, Central California Coast DPS <i>Oncorhynchus mykiss</i>	FT/--/--	Requires cold, freshwater streams with suitable gravel for spawning. Rears in rivers and tributaries to the San Francisco Bay.	<b>Moderate.</b> No spawning habitat and limited foraging habitat for this species is present in the immediate vicinity of the study area. Two occurrences documented in the study area, may have entered slough to acclimate to salt water during migration from Napa River.
Steelhead, Central Valley DPS <i>Oncorhynchus mykiss</i>	FT/--/--	Ocean waters, Sacramento and San Joaquin Rivers; Migrates from ocean through San Francisco Bay-Delta to freshwater spawning grounds.	<b>Low.</b> Limited foraging habitat for this species within the study area. No streams supporting spawning runs are present within or in the vicinity of the study area. There is a low potential for occurrence during migration between the Sacramento River watershed and the Pacific Ocean.
Longfin smelt <i>Spirinchus thaleichthys</i>	FC/ST/--	Found throughout the nearshore coastal waters and open waters of San Francisco Bay-Delta including the river channels and sloughs of the Delta. Spawns in the Delta.	<b>Moderate.</b> This species is documented consistently within open water habitat of Central San Francisco Bay, and is also found in San Pablo Bay.
Eulachon <i>Thaleichthys pacificus</i>	FT/SSC/--	Spend most of their life at sea, but spawn in lower reaches of coastal rivers north of San Francisco Bay up to Alaska. Not reported from Bay Area streams.	<b>Low.</b> May be present infrequently or in low numbers in San Francisco Bay.
<b>Amphibians</b>			
California tiger salamander-Sonoma County DPS	FE/ST--	Cismontane woodland, meadow & seep, riparian woodland, valley & foothill grassland, vernal pool and	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area. Nearest CNDDDB occurrences are from San Rafael,



Common Name Scientific Name	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
<i>Ambystoma californiense</i> pop. 3		wetland. Need underground refuges, especially ground squirrel burrows, and vernal pools or other seasonal water sources for breeding.	across San Francisco Bay from the study area.
California tiger salamander - central California DPS <i>Ambystoma californiense</i> pop. 1	FT/ST/--	Lives in vacant or mammal-occupied burrows throughout most of the year; in grassland, savanna, or open woodland habitats.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area. No recorded occurrence in the vicinity of the study area.
California giant salamander <i>Dicamptodon ensatus</i>	--/SSC/--	Aquatic, meadow and seep, North Coast coniferous forest and riparian forest. Known from wet coastal forests near streams and seeps from Mendocino County south to Monterey County, and east to Napa County	<b>Low.</b> Limited suitable habitat is present in the vicinity of the study area. No documented occurrence within 4 miles of the study area.
California red-legged frog <i>Rana draytonii</i>	FT/SSC/--	Streams, freshwater pools, and ponds with overhanging vegetation. Also found in woods adjacent to streams. Requires permanent or ephemeral water sources such as reservoirs and slow-moving streams and needs pools of >0.5 m depth for breeding. May aestivate in rodent burrows or cracks during dry periods.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area. Nearest CNDDDB occurrences are from San Rafael, across San Francisco Bay from the study area.
Red-bellied newt <i>Taricha rivularis</i>	--/SSC/--	Lives in terrestrial habitats, juveniles generally underground, adults active at surface in moist environments.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area. No documented occurrences within 3 miles of the study area.
<b>Birds</b>			
Double-crested cormorant <i>Phalacrocorax auritus</i>	--/--/WL	Colonial nester on coastal cliffs, offshore islands, and along lake margins in the interior of the state. Nests along coast on sequestered islets, usually on ground with sloping surface, or in tall trees along lake margins. Also on urban bridges over open water.	<b>Low.</b> Suitable nesting and roosting habitat is not present in the study area. Nearest CNDDDB occurrence is a breeding colony on the Richmond-San Rafael Bridge, approximately 17 miles from the study area.
Great egret <i>Ardea alba</i>	--/*/--	Colonial nester in tall trees near wetland foraging areas.	<b>Moderate.</b> Marginally suitable nesting and roosting habitat is found in the vicinity of the study area in eucalyptus trees. Nearest documented rookery is ~3 miles away to the north.
Snowy egret <i>Egretta thula</i>	--/*/--	Colonial nester, with nest sites situated in protected beds of dense tules. Rookery sites situated close to foraging areas: marshes, tidal-flats, streams, wet meadows, and borders of lakes.	<b>Moderate.</b> Marginally suitable nesting and roosting habitat is found in the vicinity of the study area in eucalyptus trees. Nearest documented rookery is ~3 miles away to the north.
Osprey <i>Pandion haliaetus</i>	--/--/WL	Nests in open on tall structures including trees, snags, platforms, electrical towers, and cranes within 5-	<b>Low.</b> Suitable nesting habitat is present in the study area. Nearest documented nests are ~2 miles away to the south around Mare Island.

Common Name <i>Scientific Name</i>	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
		15 miles of fish foraging habitat.	
Swainson's hawk <i>Buteo swainsoni</i>	--/ST/--	Great Basin grassland, riparian forest, riparian woodland, and valley and foothill grassland. Breeds in grasslands with scattered trees, juniper-sage flats, riparian areas, savannahs, and agricultural or ranch lands with groves or lines of trees.	<b>Low.</b> Limited suitable habitat in the vicinity of the study area.
Northern harrier <i>Circus hudsonius</i>	--/SSC/--	Nests and forages in coastal marshes and grasslands.	<b>Moderate.</b> Suitable nesting habitat is present in the study area.
Bald eagle <i>Haliaeetus leucocephalus</i>	FDL/SE, FP/--	Lower montane old growth coniferous forest. Nests in large, old-growth, or dominant live tree with open branches, especially ponderosa pine. Roosts communally in winter.	<b>Low.</b> While suitable habitat is present in the vicinity of the study area, there are no recorded occurrences in the vicinity of the study area.
White-tailed kite <i>Elanus leucurus</i>	--/FP/--	Nests in low elevation grassland, agricultural, wetland, oak woodland or savannah habitats. Usually nests in trees or shrubs 6 to 20 meters tall.	<b>Moderate.</b> Suitable nesting habitat for this habitat generalist is present in the vicinity of the study area.
American peregrine falcon <i>Falco peregrinus anatum</i>	--/FP/--	Breeds near water with nearby vertical structure such as niches in steep banks, ledges and cliffs serving as nesting sites. Nests on skyscrapers and bridges in urban areas.	<b>Not expected.</b> Suitable nesting habitat is not present in the vicinity of study area. Could fly through the study area or forage for prey in the airspace over the study area. No documented breeding in the vicinity of the study area.
Prairie falcon <i>Falco mexicanus</i>	--/--/WL	Inhabits dry, open terrain. Breeding on cliffs. Forages far afield, even to marshlands and ocean shores.	<b>Not expected.</b> No suitable habitats in the vicinity of the study area.
Yellow rail <i>Coturnicops noveboracensis</i>	--/SSC/--	Shallow marshes and wet meadows. In winter season, drier fresh-water and brackish marshes, as well as dense, deep grass and rice fields. Nests typically occur in shallow marshes, with sedges as the principal vegetation component.	<b>Low.</b> Limited suitable habitat available in the study area. No recorded occurrences within 5 miles around the study area.
California black rail <i>Laterallus jamaicensis coturniculus</i>	--/ST, FP/--	Nests and forages in coastal salt marsh and brackish marsh.	<b>Moderate.</b> Documented recent occurrences in Napa-Sonoma Marshes and in some smaller salt marshes at the north end of study area. Nearest documented occurrence (#133) is approximately 0.55 mile from the study area.
California Ridgway's (clapper) rail <i>Rallus obsoletus obsoletus</i>	FE/SE, FP/--	Nests and forages in coastal salt marsh with pickleweed, cordgrass, and bulrush.	<b>Moderate.</b> Suitable habitats exist in the study area. Documented occurrences near the study area. Nearest documented occurrence (#72) is approximately 0.55 mile from the study area.

Common Name <i>Scientific Name</i>	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
Mountain plover <i>Charadrius montanus</i>	--/SSC/--	Winters Sept.-Mar. in California's Central Valley, South Coast, and irrigated desert agricultural areas. Typically found in shortgrass prairies or sparsely vegetated grasslands.	<b>Low.</b> Limited suitable habitat available in the study area. No documented occurrences within 5 miles of the study area.
Western snowy plover <i>Charadrius nivosus nivosus</i>	FT/SSC/--	Nest on coasts and estuaries on dune-backed beaches and salt pannes at lagoons/estuaries.	<b>Low.</b> Suitable habitat not found in the vicinity of the study area. No documented nesting occurrences within 3 miles of the study area.
California least tern <i>Sternula antillarum browni</i>	FE/SE, FP/--	Open beaches free of vegetation along the California coast.	<b>Low.</b> Suitable habitat not found in the vicinity of the study area. No documented nesting occurrences within 3 miles of the study area.
Marbled murrelet <i>Brachyramphus marmoratus</i>	FE/SE	The marbled murrelet spends the majority of its time on the ocean, resting and feeding in near-shore marine waters and nesting up to six miles inland in old-growth redwood-dominated forests, often in Douglas-fir.	<b>Not expected.</b> No suitable habitat in the vicinity of the study area.
Tufted puffin <i>Fratercula cirrhata</i>	--/SSC/--	Open-ocean bird; nests along the coast on islands, islets, or (rarely) mainland cliffs.	<b>Not expected.</b> No suitable habitats in the vicinity of the study area.
Western yellow-billed cuckoo <i>Coccyzus americanus occidentalis</i>	FT/SE/--	Breeds in dense riparian vegetation in California Central Valley. Historically known in coastal valleys from Sonoma County southward.	<b>Not expected.</b> Limited suitable habitat in the vicinity of the study area and no documented occurrences within 3 miles of the study area. Very slight possibility of migrant, but unlikely breeder.
Short-eared owl <i>Asio flammeus</i>	--/SSC/--	Nests and forages in grasslands and marshes. Nests in depression on dry ground concealed by vegetation. Nearest known breeding areas in Suisun Marsh.	<b>Low.</b> Suitable nesting habitat is present in the study area, but outside of known range of recent breeding occurrences.
Burrowing owl <i>Athene cucularia</i>	--/SSC/--	Subterranean nester, dependent upon burrowing mammals, most notably, the California ground squirrel. Forages in open, dry annual or perennial grasslands, deserts, and scrublands characterized by low-growing vegetation.	<b>Moderate.</b> Suitable nesting habitat is present in the vicinity of the study area.
Black swift <i>Cypseloides niger</i>	--/SSC/--	Coastal belt of Santa Cruz and Monterey counties, central and southern Sierra Nevada, San Bernardino and San Jacinto mountains. Breeds in small colonies on cliffs behind or adjacent to waterfalls in deep canyons and sea-bluffs above the surf.	<b>Not expected.</b> No suitable nesting habitats in the study area.
California horned lark <i>Eremophila alpestris actia</i>	--/--/WL	Marine intertidal and splash zone, mountain meadows and seeps. Coastal regions, chiefly from Sonoma County to San Diego County. Also,	<b>Low.</b> Some suitable nesting habitats in the vicinity of the study area, but no documented occurrences.

Common Name Scientific Name	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
		main part of San Joaquin Valley and east to foothills.	
Purple martin <i>Progne subis</i>	--/--/WL	Inhabits woodlands, low elevation coniferous forest of Douglas-fir, ponderosa pine, and Monterey pine. Nests in old woodpecker cavities mostly, also in human-made structures. Nest often located in tall, isolated tree/snag.	<b>Low.</b> Few suitable nesting habitats in the vicinity of the study area.
Bank swallow <i>Riparia riparia</i>		Colonial nester, nests primarily in riparian and other lowland habitats west of the desert. Requires vertical banks/cliffs with fine-textured/sandy soils near streams, rivers, lakes, ocean to dig nesting hole.	<b>Not expected.</b> No suitable nesting habitats in the vicinity of the study area.
Suisun song sparrow <i>Melospiza melodia maxillaris</i>	--/SSC/--	Suisun Song Sparrows are associated primarily with tidal channels, especially in marshes where Pickleweed dominates and Gumplant lines the channels. Dense vegetation is required for nesting sites, song perches, and cover for refuge from predators. Maxillaris prefers to nest in dense vegetation.	<b>Not expected.</b> The Suisun Song Sparrow, a California endemic subspecies, is restricted to the Suisun Marsh from the Carquinez Straight east to the confluence of the Sacramento and San Joaquin rivers near Antioch
Song sparrow ("Modesto" population) <i>Melospiza melodia pop. 1</i>		Central lower basin of Great Valley, from Colusa County south to Stanislaus County and east of Suisun Marshes.	<b>Not expected.</b> Restricted to Central Valley.
San Pablo song sparrow <i>Melospiza melodia samuelis</i>	--/SSC/--	Inhabits tidal marshes of San Pablo Bay, perching and nesting in dense vegetation along tidal channels, particularly in areas of pickleweed and gumplant.	<b>High.</b> Suitable habitat is present within the study area. Known breeder along Napa River.
Yellow-breasted chat <i>Icteria virens</i>	--/SSC/--	Inhabits riparian thickets of willow and other brushy tangles near watercourses. Nests in low, dense riparian, consisting of willow, blackberry, wild grape; forages and nests within 10 ft of ground.	<b>Not expected.</b> No suitable habitats in the vicinity of the study area.
Tricolored blackbird <i>Agelaius tricolor</i>	--/SSC/--	Highly colonial species, requires open water, most numerous in Central Valley and vicinity. Largely endemic to California.	<b>Moderate.</b> Suitable habitats available in the vicinity of the study area. Documented occurrence in the Napa-Sonoma Marshes Wildlife Area and vicinity of the study area.
Saltmarsh common yellowthroat <i>Geothlypis trichas sinuosa</i>	--/SSC/--	Breeds in salt marsh habitats with dense, low cover.	<b>High.</b> Suitable nesting habitat present in the study area.
<b>Mammals</b>			
Pallid bat <i>Antrozous pallidus</i>	--/SSC/High	A wide variety of habitats is occupied, including grasslands, shrublands, woodlands, and forests from sea level up through mixed conifer forests. The species is most common in open, dry	<b>Low.</b> Suitable habitat may be present in the study area. No recent documented occurrences within 3 miles of the study area.

Common Name Scientific Name	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
		habitats with rocky areas for roosting. Roosts in riparian and broadleaf foliage, buildings, caves, tree hollows, crevices, mines, and bridges.	
Sonoma tree vole <i>Arborimus pomo</i>	--/SSC/--	North Coast coniferous forest, old growth redwood. Feeds almost exclusively on Douglas-fir needles.	<b>Not expected.</b> Suitable habitat likely not present in the vicinity of the study area.
Townsend's big-eared bat <i>Corynorhinus townsendii</i>	--/SSC/High	Roosts in hollowed trees, caves, mines, tunnels with minimal disturbance, and also abandoned open buildings or other human-made structures. Found in all habitats except subalpine and alpine habitats, and may be found at any season throughout its range. Very sensitive to human disturbance.	<b>Low.</b> Suitable roosting habitat could be present within the study area, but most of area is fairly close to human disturbance. No documented occurrences within 3 miles of the study area.
Steller sea lion <i>Eumetopias jubatus</i>	FD/--/SCC	Marine intertidal & splash zone communities, protected deepwater coastal communities and rock shores	<b>Not expected.</b> Suitable habitat not found in the vicinity of the study area.
Western red bat <i>Lasiurus blossevillii</i>	--/SSC/High	Habitats include forests and woodlands from sea level up through mixed conifer forests. Feeds over a wide variety of habitats including grasslands, shrublands, open woodlands and forests, and croplands. May prefer habitat edges and mosaics. Solitary rooster in tree foliage. May hibernate in leaf litter.	<b>Low.</b> Suitable habitat may be present in mature trees in vicinity of study area. No documented occurrences within 3 miles of the study area.
Hoary bat <i>Lasiurus cinereus</i>	--/*/Medium	Habitats include woodlands, forests, and riparian habitats with dense foliage. Often found near open grassy areas in coniferous or deciduous forests or near lakes. Solitary rooster in tree foliage.	<b>Low.</b> Suitable roosting habitat may be present in mature trees in vicinity of study area. No documented occurrences within 3 miles of the study area.
Silver-haired bat <i>Lasionycteris noctivagans</i>	--/*/Medium	Primarily a coastal and montane forest dweller. Roosts in dense foliage of trees, in hollow trees, beneath exfoliating bark, abandoned woodpecker holes, and rarely under rocks. Forages over or near standing water. Uncommon in Bay Area.	<b>Not expected.</b> Suitable habitat likely not present in the vicinity of the study area. This species is uncommon in the Bay Area, which is at the extreme end of range. No documented occurrences within 3 miles of the study area.
Long-eared myotis bat <i>Myotis evotis</i>	--/--/Medium	Inhabits woodlands, brush, and forest habitats from sea level up to ~9,000-foot elevation; generally not in Central Valley. Prefer coniferous woodlands and forests. Roosts in groups of up to 30 in sheds, cabins, beneath bark, and in rock piles. Night roost in caves.	<b>Low.</b> Suitable roosting habitat could be present within the study area. No documented occurrences within 3 miles of the study area.



Common Name <i>Scientific Name</i>	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
Fringed myotis bat <i>Myotis thysanodes</i>	--/--/High	Inhabits a variety of habitats including pinyon-juniper woodland, valley-foothill hardwood, hardwood-conifer forests, and desert scrub from sea level to 9,000 feet; generally, not in Central Valley. Clusters in groups of up to 300 in caves, mines, rock crevices, and buildings.	<b>Low.</b> Suitable roosting habitat could be present in the vicinity of the study area. No documented occurrences within 3 miles of the study area.
Long-legged myotis bat <i>Myotis volans</i>	--/--/High	Occurs in the coastal ranges from Oregon to Mexico, the Cascade/Sierra Nevada ranges to southern California, most of the Great Basin region, and in several Mojave Desert mountain ranges. Common in woodland and forest habitats above 4000 feet; primarily oak and juniper woodlands. Forages in chaparral, coastal scrub, shrub habitats, and in early successional stages of woodlands and forests.	<b>Not expected.</b> Suitable habitat likely not present in the vicinity of the study area. No documented occurrences within 3 miles of the study area.
Yuma myotis bat <i>Myotis yumanensis</i>	--/--/Low-Medium	Wide variety of habitats below 8,000-foot elevation. Optimal habitats are open forests and woodlands with sources of water over which to feed. Cluster in groups of up to thousands in maternity colonies; roosts in buildings, under bridges, and in caves and mines.	<b>Low.</b> Suitable roosting habitat could be present within the study area. No documented occurrences within 3 miles of the study area.
Fisher <i>Pekania pennanti</i>	--/SSC/--	most often found in forested areas with a large tree canopy cover that contain a mix of conifer and California black oak trees.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area.
Salt marsh harvest mouse <i>Reithrodontomys raviventris</i>	FE/SE, FP/--	Endemic to salt marshes and brackish marshes and diked wetlands in the San Francisco Bay Estuary. Uses adjacent transitional zones including grasslands for foraging and high tide refuge.	<b>High.</b> Suitable habitat is present. Nearest documented occurrence (#6) is approximately 0.55 mile from the study area.
Suisun shrew <i>Sorex ornatus sinuosus</i>	--/SSC/--	Tidal marshes and swamps	<b>Moderate.</b> Suitable nesting habitat present in the study area. The study area is in the documented distribution range of Suisun shrew.
American Badger <i>Taxidea taxus</i>	--/SSC/--	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area.
<b>Plants</b>			
Franciscan onion <i>Allium peninsulare</i> var. <i>franciscanum</i>	--/--/1B.2	Perennial bulbiferous herb found in cismontane woodland, valley and foothill grassland, usually in clay, serpentinite, volcanic soils. Flowering period May-Jun. Elevation 170 to 1000 ft.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area. No documented occurrence within 6 miles of the study area.

Common Name <i>Scientific Name</i>	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
Twig-like snapdragon <i>Antirrhinum virga</i>	--/4.3	Perennial herb found in chaparral, lower montane coniferous forest. Flowering period Jun-Jul. Elevation 330 to 6610 ft.	<b>Not expected.</b> No suitable habitat is present in the study area.
Napa false indigo <i>Amorpha californica</i> var. <i>napensis</i>	--/1B.2	Perennial deciduous shrub found in broadleafed upland forest, chaparral and cismontane woodland. Flowering period Apr-Jul. Elevation 165 to 6560 ft.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area. No documented occurrence within 15 miles of the study area.
Modest rockcress <i>Arabis modesta</i>	--/4.3	Perennial herb found in chaparral, lower montane coniferous forest. Flowering period Mar-Jul. Elevation 395 to 2625 ft.	<b>Not expected.</b> No suitable habitat is present in the study area.
Alkali milk-vetch <i>Astragalus tener</i> var. <i>tener</i>	--/1B.2	Annual herb grows in playas, valley and foothill grasslands in adobe clay, and vernal pools in alkaline soils. Flowering period Mar – Jun. Elevation 5 to 195.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area.
Big-scale balsamroot <i>Balsamorhiza macrolepis</i>	--/1B.2	Perennial herb found in chaparral, cismontane woodland, valley and foothill grassland. Flowering period Mar-Jun. Elevation 150 to 5100 ft.	<b>Low.</b> Limited suitable habitat (coastal scrub) is present in the vicinity of the study area
Sonoma sunshine <i>Blennosperma bakeri</i>	FE/SE/1B.1	Annual herb found in valley and foothill grassland, vernal pools. Flowering period: Mar-May. Elevation 35 to 360 feet.	<b>Not expected.</b> Out of the distribution range and no recorded occurrence in the vicinity of the area
Big tarplant <i>Blepharizonia plumosa</i>	--/1B.1	Annual herb found in valley and foothill grassland. Flowering period Jul-Oct. Elevation 100 to 1655.	<b>Low.</b> Limited suitable habitat is present in the vicinity of the study area. NO documented occurrence within 10 miles of the study area.
Brewer's calandrinia <i>Calandrinia breweri</i>	--/4.2	Annual herb found in chaparral, coastal scrub. Flowering period Mar-Jun. Elevation 35 to 4005 ft.	<b>Low.</b> Potential for suitable habitat in the vicinity of the study area is limited.
Narrow-anthered brodiaea <i>Brodiaea leptandra</i>	--/1B.2	Perennial bulbiferous herb found in broadleafed upland forest, chaparral, cismontane woodland, lower montane coniferous forest, valley and foothill grassland.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area. NO documented occurrence within 5 miles of the study area.
Tiburon paintbrush <i>Castilleja affinis</i> var. <i>neglecta</i>	FE/ST/1B.2	Perennial herb found in valley and foothill grassland on serpentine soils. Strict serpentine endemic. Flowering period: Apr – Jun. Elevation 195 to 1310 feet.	<b>Not expected.</b> Serpentine soils are not present in the vicinity of the study area.
Johnny nip <i>Castilleja ambigua</i> var. <i>ambigua</i>	--/4.2	Annual herb found in Coastal bluff scrub, Coastal prairie, Coastal scrub, Marshes and swamps, Valley and foothill grassland, Vernal pools. Flowering period Mar-Aug. Elevation 0 to 1425 ft.	<b>Moderate.</b> Suitable habitat is present in the study area. Documented occurrence within 3 miles of the study area.
Lyngbye's sedge <i>Carex lyngbyei</i>	--/2B.2	Perennial rhizomatous herb found in marshes and swamps. Flowering period Apr-Aug. Elevation 0 to 35 ft.	<b>Moderate.</b> Suitable habitat present in the study area. One documented occurrence within 3 miles of the study area.

Common Name <i>Scientific Name</i>	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
Rincon ridge ceanothus <i>Ceanothus confusus</i>	--/1B.1	Perennial evergreen shrub found in chaparral, cismontane woodland, closed-cone coniferous forest. Flowering period Feb-Jun. Elevation 245 to 3495 ft.	<b>Not expected.</b> No suitable habitat is present in the study area.
Holly-leaved ceanothus <i>Ceanothus purpureus</i>	--/1B.2	Perennial evergreen shrub found in chaparral, cismontane woodland. Flowering period Feb-Jun. Elevation 395 to 2100 ft.	<b>Not expected.</b> Limited suitable habitat (coastal scrub) is present in the vicinity of the study area.
Sonoma ceanothus <i>Ceanothus sonomensis</i>	--/1B.2	Perennial evergreen shrub found in chaparral. Flowering period Feb-Apr. Elevation 705 to 2625 ft.	<b>Not expected.</b> Limited suitable habitat (coastal scrub) is present in the vicinity of the study area. No documented occurrence within 5 miles of the study area.
Congdon's tarplant <i>Centromadia parryi</i> ssp. <i>congdonii</i>	--/1B.1	Annual herb found in valley and foothill grassland. Flowering period May-Oct. Elevation 0 to 755.	<b>Low.</b> Limited suitable habitat is present in the vicinity of the study area. No documented occurrence within 10 miles of the study area.
Pappose tarplant <i>Centromadia parryi</i> ssp. <i>parryi</i>	--/1B.2	Annual herb found in chaparral, coastal prairie, marshes and swamps, meadows and seeps, valley and foothill grassland. Flowering period May-Nov. Elevation 0 to 1380 ft.	<b>Low.</b> Limited suitable habitat (coastal scrub) is present in the vicinity of the study area. No documented occurrences within 5 miles of the study area.
Tracy's clarkia <i>Clarkia gracilis</i> ssp. <i>tracyi</i>	--/4.2	Annual herb found in chaparral. Flowering period Apr-Jul. Elevation 215 to 2135 ft.	<b>Not expected.</b> Limited suitable habitat in the vicinity of study area. No documented occurrences within 10 miles of the project area.
Soft salty bird's-beak <i>Chloropyron molle</i> ssp. <i>molle</i>	FT/SR/1B.2	Annual herb found upper marsh ecotone and sometimes along margins of salt pans in coastal salt and brackish marshes. Flowering period: Jun–Nov. Elevation 0 to 3 feet.	<b>Moderate.</b> Suitable habitat is present in the study area. Documented occurrences near the study area. Nearest documented occurrence (CNDDDB #9) is approximately 0.65 mile from the study area, but not known to disperse readily.
Bolander's water-hemlock <i>Cicuta maculata</i> var. <i>bolanderi</i>	--/2B.1	Perennial herb found in marshes and swamps. Flowering period Jul-Sep. Elevation 0 to 655 ft.	<b>Moderate.</b> Suitable habitat is present in the study area. Documented occurrence in the vicinity of the study area in 1986.
Western leatherwood <i>Dirca occidentalis</i>	--/1B.2	Perennial deciduous shrub found in broadleafed upland forest, chaparral, cismontane woodland, closed-cone coniferous forest, North Coast coniferous forest, riparian forest, riparian woodland. Flowering period Jan-Mar. Elevation 80 to 1395 ft.	<b>Not expected.</b> Limited suitable habitat is present in the vicinity of the study area.
Dwarf downingia <i>Downingia pusilla</i>	--/2B.2	Annual herb found in valley, foothill grassland and vernal pools. Flowering period Mar-May. Elevation 5 to 1460 ft.	<b>Low.</b> Suitable habitat is limited in the study area.
Small spikerush <i>Eleocharis parvula</i>	--/4.3	Perennial herb found in marshes and swamps. Flowering period Jun-Aug. Elevation 5-9910 ft.	<b>Moderate.</b> Suitable habitat is present in the study area. Documented occurrence (Calflora #61285) in the vicinity of the study area.
Greene's narrow-leaved daisy <i>Erigeron greenei</i>	--/1B.2	Perennial herb grows in chaparral. Flowering period May-Sep. Elevation 260 to 3295 ft.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the Study area. NO documented occurrence within 5 miles of the study area.

Common Name Scientific Name	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
St. Helena fawn lily <i>Erythronium helenae</i>	--/--/4.2	Perennial herb found in chaparral, cismontane woodland, Lower montane coniferous forest, Valley and foothill grassland. Flowering period Mar-May. Elevation 1150 to 4005 ft.	<b>Not expected.</b> Limited suitable habitat in the vicinity of study area. No documented occurrences within 30 miles of the project area.
Jepson's coyote-thistle <i>Eryngium jepsonii</i>	--/--/1B.2	Perennial herb found in valley, foothill grassland and vernal pools. Flowering period Apr-Aug. Elevation 10 to 985 ft.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area. NO documented occurrence within 5 miles of the study area.
San Joaquin spearscale <i>Extriplex joaquinana</i>	--/--/1B.2	Annual herb found in chenopod scrub, meadows and seeps, playas, valley and foothill grassland. Flowering period Apr-Oct. Elevation 5 to 2740 ft.	<b>Moderate.</b> Suitable habitat is present in the study area. Documented occurrence (Calflora #JEPS106814) in the study area from 1991.
Fragrant fritillary <i>Fritillaria liliacea</i>	--/--/1B.2	Perennial bulbiferous herb found in cismontane woodland, coastal prairie, coastal scrub, valley and foothill grassland (often found in serpentinite). Flowering period Feb-Apr. Elevation 10 to 1345 ft.	<b>Low.</b> Limited suitable habitat (coastal scrub) is present in the vicinity of the study area. NO documented occurrence within 5 miles of the study area.
Nodding harmonia <i>Harmonia nutans</i>	--/--/4.3	Annual herb found in chaparral, cismontane woodland. Flowering period Mar-May. Elevation 245 to 3200 ft.	<b>Not expected.</b> No suitable habitat is present in the study area.
Congested-headed hayfield <i>Hemizonia congesta</i> ssp. <i>congesta</i>	--/--/1B.2	Annual herb found in valley and foothill grassland. Flowering period Apr-Nov. Elevation 65 to 1835 ft.	<b>Moderate.</b> Suitable habitat is present in the study area with documented occurrences in vicinity of the study area.
Diablo helianthella <i>Helianthella castanea</i>	--/--/1B.2	Perennial herb found in broadleafed upland forest, chaparral, cismontane woodland, coastal scrub, riparian woodland, valley and foothill grassland. Flowering period Mar-Jun. Elevation 195 to 4265 ft.	<b>Not expected.</b> Limited suitable habitat (coastal scrub) is present in the vicinity of the study area. No documented occurrence within 5 miles of the study area.
Two-carpellate western flax <i>Hesperolinon bicarpellatum</i>	--/--/1B.2	Annual herb found in chaparral. Flowering period May-Jul. Elevation 195 to 3295 ft.	<b>Low.</b> Limited suitable habitat (coastal scrub) is present in the vicinity of the study area.
Brewer's western flax <i>Hesperolinon breweri</i>	--/--/1B.2	Annual herb found in chaparral, cismontane woodland, valley and foothill grassland. Flowering period May-Jul. Elevation 100 to 3100 ft.	<b>Not expected.</b> Limited suitable habitat (coastal scrub) is present in the vicinity of the study area.
Thin-lobed horkelia <i>Horkelia tenuiloba</i>	--/--/1B.2	Perennial herb found in broadleafed upland forest, chaparral, valley and foothill grassland. Flowering period May- Jul. Elevation 165 to 1640 ft.	<b>Not expected.</b> Limited suitable habitat (coastal scrub) is present in the vicinity of the study area. No documented occurrence within 10 miles of the study area.
Coast iris <i>Iris longipetala</i>	--/--/4.2	Perennial herb found in coastal prairie, Lower montane coniferous forest, meadows and seeps.	<b>Low.</b> Potential for suitable habitat in the vicinity of the study area is limited.

Common Name Scientific Name	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
		Flowering period Mar-May. Elevation 0 to 1970 ft.	
Carquinez goldenbush <i>Isocoma arguta</i>	--/1B.1	Perennial shrub found in valley and foothill grassland. Flowering period Aug-Dec. Elevation 5 to 65 ft.	<b>Not expected.</b> No suitable habitat is present in the study area.
Delta tule pea <i>Lathyrus jepsonii</i> var. <i>jepsonii</i>	--/1B.2	Perennial herb found in marshes and swamps. Flowering period May-July. Elevation 0 to 15 ft.	<b>Moderate.</b> Suitable habitat is present in the study area and documented occurrence in the vicinity of the study area.
Contra Costa goldfields <i>Lasthenia conjugens</i>	FE--/1B.1	Annual herb found in cismontane woodland, playas, valley and foothill grassland, vernal pools. Flowering period: Mar-Jun. Elevation 0 to 1540 feet.	<b>Low.</b> Limited suitable habitats in the study area.
Legenere <i>Legenere limosa</i>	--/1B.1	Annual herb found in vernal pools. Flowering period: Apr-Jun. Elevation 5 to 2885.	<b>Low.</b> Limited suitable habitat is present in the vicinity of the study area.
Mason's lilaeopsis <i>Lilaeopsis masonii</i>	--/CR/1B.1	Perennial rhizomatous herb found in marshes, riparian scrub, tidal zones, in muddy or silty soil formed through river deposition or riverbank erosion. Flowering period: Apr-Nov. Elevation 0 to 35 feet.	<b>Moderate.</b> Suitable habitat is present in the study area. Three historical records in the vicinity of the study area.
Napa lomatium <i>Lomatium repostum</i>	--/1B.2	Perennial herb found in chaparral, cismontane woodland. Usually found in serpentinite soil. Flowering period Mar-Jun. Elevation 295 to 3380 ft.	<b>Not expected.</b> Limited suitable habitat (coastal scrub) is present in the vicinity of the study area. No documented occurrence within 20 miles of the study area.
Cobb mountain lupine <i>Lupinus sericatus</i>	--/1B.2	Perennial herb found in broadleaved upland forest, chaparral, cismontane woodland, lower montane coniferous forest. Flowering period Mar-Jun. Elevation 900 to 5005 ft.	<b>Not expected.</b> Limited suitable habitat (coastal scrub) is present in the vicinity of the study area. No documented occurrence within 20 miles of the study area.
Jepson's leptosiphon <i>Leptosiphon jepsonii</i>	--/1B.2	Annual herb grows in chaparral, cismontane woodland, valley and foothill grassland, usually in volcanic soil. Flowering period Mar-May. Elevation 330 to 1640 ft.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area.
Redwood lily <i>Lilium rubescens</i>	--/4.2	Perennial herb found in broad leafed upland forest, chaparral, lower montane coniferous forest, North Coast coniferous forest, upper montane coniferous forest. Flowering period: Apr-Aug. Elevation 100 to 6265 feet.	<b>Not expected.</b> Suitable habitat is not present within the study area
Bristly leptosiphon <i>Leptosiphon acicularis</i>	--/4.2	Annual herb found in chaparral, cismontane woodland, coastal prairie, valley and foothill grassland. Flowering period Apr-Jul. Elevation 180 to 4920 ft.	<b>Not expected.</b> Limited suitable habitat in the vicinity of study area. No documented occurrences within 30 miles of the project area.
Green monardella <i>Monardella viridis</i>	--/4.3	Perennial herb found in broadleaved upland forest, chaparral, cismontane	<b>Not expected.</b> No suitable habitat is present in the study area.



Common Name Scientific Name	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
		woodland. Flowering period Jun-Sep. Elevation 330 to 3315 ft.	
Lobb's aquatic buttercup <i>Ranunculus lobbii</i>	--/--/4.2	Annual herb found cismontane woodland, North Coast coniferous forest, valley and foothill grassland, vernal pools. Flowering period: Feb-May. Elevation 50-1540	<b>Low.</b> Limited suitable habitat in vicinity of study area.
California beaked-rush <i>Rhynchospora californica</i>	--/--/1B.1	Perennial rhizomatous herb found in bogs and fens, lower montane coniferous forest, marshes, meadows and seeps. Flowering period May-Jul. Elevation 150-3315 ft.	<b>Low.</b> Limited suitable habitat is present in the vicinity of the study area. No documented occurrence within 10 miles of the study area.
Long-styled sand-spurrey <i>Spergularia macrotheca</i> var. <i>longistyla</i>	--/--/1B.2	Perennial herb found in marshes and swamps, meadows and seeps in alkaline soils. Flowering period Feb-May. Elevation 0 to 835 ft.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area. No documented occurrence within 7.5 miles of the study area.
Suisun marsh aster <i>Symphotrichum lentum</i>	--/--/1B.2	Perennial rhizomatous herb found in marshes. Flowering period May-Nov. Elevation 0 to 10 ft.	<b>Moderate.</b> Suitable habitat is present in the study area. Documented occurrences in the vicinity of the study area.
Napa checkerbloom <i>Sidalcea hickmanii</i> ssp. <i>napensis</i>	--/--/1B.1	Perennial herb found in chaparral. Flowering period Apr-Jun. Elevation 1360 to 2000.	<b>Not expected.</b> Limited suitable habitat is present in the vicinity of the study area. No documented occurrences within 5 miles of the study area.
Chaparral ragwort <i>Senecio aphanactis</i>	--/--/2B.2	Annual herb found in chaparral, cismontane woodland, and coastal scrubs, often found in drying alkaline flats. Flowering period Jan-Apr. Elevation 50 to 2625 ft.	<b>Low.</b> Suitable habitat is limited in the study area. No documented occurrence within 7.5 miles of the study area.
Napa bluecurls Trichostema ruygtii	--/--/1B.2	Annual herb found in chaparral, cismontane woodland, lower montane coniferous forest, valley and foothill grassland, vernal pools. Flowering period Jun-Oct. Elevation 100 to 2230 ft.	<b>Not expected.</b> Suitable habitat is not present in the vicinity of the study area. No documented occurrence within 7.5 miles of the study area.
Two-fork clover <i>Trifolium amoenum</i>	FE/--/1B.1	Coastal bluff scrub, valley and foothill grassland. Sometimes serpentine soil. Flowering period: Apr – Jun. Elevation 15 to 1360 feet.	<b>Low.</b> Little suitable habitat is present in the study area.
Saline clover <i>Trifolium hydrophilum</i>	--/--/1B.2	Annual herb found in marshes and swamps, vernal pools, and alkaline, mesic habitats in valley and foothill grassland. Flowering period Apr-Jun. Elevation 0 to 985 ft.	<b>Moderate.</b> Suitable habitat is present in the study area. Documented occurrence within about 5 miles of the study area.
Darked-mouthed triteleia <i>Triteleia lugens</i>	--/--/4.3	Perennial herb found in broadleaved upland forest, chaparral, coastal scrub, lower montane coniferous forest. Flowering period Apr-Jun. Elevation 330 to 3280 ft.	<b>Not expected.</b> No suitable habitat is present in the study area.

Common Name <i>Scientific Name</i>	Listing Status USFWS/ CDFW/Other	General Habitat Requirements and Period of Identification	Potential for Species Occurrence
Oval-leaved viburnum <i>Viburnum ellipticum</i>	--/--/2B.3	Perennial deciduous shrub found in chaparral, cismontane woodland, lower montane coniferous forest. Flowering period May-Jun. Elevation 705 to 4595 ft.	<b>Low.</b> Suitable habitat is limited in the study area. No documented occurrence within 5 miles of the study area.

**STATUS CODES:**

FEDERAL: (U.S. Fish and Wildlife Service)

FE = Listed as Endangered (in danger of extinction) by the Federal Government

FT = Listed as Threatened (likely to become Endangered within the foreseeable future) by the Federal Government

FC = Candidate to become an Endangered or Threatened species

FDL = Federal Delisted

MMPA = Marine Mammal Protection Act

STATE: (California Department of Fish and Wildlife)

SE = Listed as Endangered by the State of California

ST = Listed as Threatened by the State of California

CE = Candidate to become an Endangered species

CT = Candidate to become a Threatened species

SR = Listed as Rare by the State of California

FP = Fully Protected

SSC = California Species of Special Concern

MLMA = Marine Life Management Act

\* = Special animal present on CDFW's Special Animal List

Xerces Society for Invertebrate Conservation (Xerces):

CI = Critically imperiled

IM = Imperiled

VU = Vulnerable

DD = Data Deficit

Western Bat Working Group (WBWG):

Low = Stable population

Medium = Need more information about the species, possible threats, and protective actions to implement

High = Imperiled or at high risk of imperilment

California Rare Plant Ranks (CRPR):

List 1A = Plants presumed extinct in California

List 1B = Plants rare, threatened, or endangered in California and elsewhere

List 2A = Plants presumed extirpated in California, but more common elsewhere

List 2B = Plants rare, threatened, or endangered in California, but more common elsewhere

List 4 = Plants with limited distribution or infrequent throughout a broader area in California, and their status should be monitored regularly

An extension reflecting the level of threat to each species is appended to each rarity category as follows:

.1 – Seriously threatened in California

.2 – Fairly threatened in California

.3 – Not very threatened in California

<sup>a</sup> Determinations regarding potential for species occurrence within the service area boundary are based on a review of the CNDDDB (CDFW, 2022); CNPS's Online Inventory of Rare and Endangered Plants (CNPS, 2022); Calflora's online database of California plants (Calflora, 2022); and an IPaC species list from the U.S. Fish and Wildlife Service (USFWS, 2022). Consideration was given to the observation date (historical or recent), current land conditions (e.g., developed, protected), distance from the service area boundary to documented species occurrences, habitat connectivity, the presence or lack of suitable habitat within the service area boundary, and the number of documented occurrences within the service area boundary or surrounding quadrangles.

SOURCE: CDFW, 2022; CNPS, 2022; Calflora, 2022; ESA, 2022; Jepson Flora Project, 2022; NMFS, 2022; USFWS, 2022.



Appendix F  
**Project Conceptual Design 10%  
Drawings**





# AMERICAN CANYON WETLAND RESTORATION PLAN

CONCEPTUAL DESIGN  
MAY 2024

STAMP

CONSULTANT



VICINITY MAP  
PLAN VIEW

NOT TO SCALE



LOCATION MAP

PLAN VIEW

NOT TO SCALE

DRAWING INDEX		
PAGE NO.	SHEET NO.	SHEET TITLE
1	G1.1	TITLE SHEET
2	G1.2	LEGEND, ABBREVIATION AND NOTES
3	G1.3	EXISTING CONDITIONS & SITE PREPERATION PLAN - OVERVIEW
4	G1.4	EXISTING CONDITIONS & SITE PREPERATION PLAN - NORTH SLOUGH POND
5	G1.5	EXISTING CONDITIONS & SITE PREPERATION PLAN - CORPORATION YARD
6	G1.6	CONCEPTUAL DESIGN OVERVIEW
7	C1.1	NORTH SLOUGH POND GRADING ENLARGEMENT
8	C1.2	NORTH SLOUGH POND GRADING PLAN 1
9	C1.3	NORTH SLOUGH POND GRADING PLAN 2
10	C1.4	NORTH SLOUGH POND GRADING PLAN 3
11	C1.5	NORTH SLOUGH POND GRADING PLAN 4
12	C1.6	NORTH SLOUGH POND TYPICAL SECTIONS
13	C1.7	NORTH SLOUGH POND CULVERT DETAILS
14	C1.8	NORTH SLOUGH POND TRAIL PROFILES 1
15	C1.9	NORTH SLOUGH POND TRAIL PROFILES 2
16	C2.1	CORPORATION YARD, OVERFLOW POND, AND KAYAK LAUNCH ENLARGEMENT
17	C2.2	CORPORATION YARD TYPICAL SECTIONS
18	C2.3	CORPORATION YARD TRAIL PROFILE

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**

205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS  
# DATE DESCRIPTION

DESIGNED	XXX
DRAWN	IS, LCT
CHECKED	XXX
IN CHARGE	XXX ### ###

PROJECT NUMBER D202101145

ISSUE DATE 05/21/24

SCALE IS AS SHOWN WHEN  
PLOTTED TO FULL SIZE (22"x34")  
1" = 1"

PHASE  
CONCEPTUAL DESIGN

SHEET TITLE

TITLE SHEET

SHEET NUMBER

**G1.1**

SHEET 1 OF 18





DRAFT  
NOT FOR CONSTRUCTION

FILE: P:\01\_CAD\2021\XXXX\202101145.00\_AmericanCanyon\DWG\G1\_X\_EXISTING CONDITIONS.dwg PLOT DATE: 6/13/2024 12:29:48 PM PLOTTED BY: ISAAC SWANSON



**LEGEND**

DEVELOPED	
OTHER	
WASTEWATER POND	
WETLAND / MARSH	
BAY FLAT / PLAYA / TIDAL UNNATURAL / SHALLOW BAY	
GRASSLAND / UPLAND / AG	
EXISTING BAY TRAIL	
OTHER EXISTING TRAIL	

**ESA**  
575 MARKET STREET  
SUITE 3700  
SAN FRANCISCO, CA 94105  
OFFICE - 415.896.5900  
WWW.ESASSOC.COM

STAMP

CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**  
205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS

#	DATE	DESCRIPTION

DESIGNED	XXX
DRAWN	IS, LCT
CHECKED	XXX
IN CHARGE	XXX ### ##

PROJECT NUMBER D202101145

ISSUE DATE 05/21/24

SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")

1" = 400'

PHASE  
CONCEPTUAL DESIGN

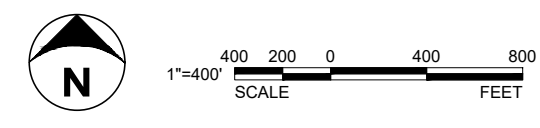
SHEET TITLE

EXISTING  
CONDITIONS & SITE  
PREPARATION PLAN  
- OVERVIEW

SHEET NUMBER

**G1.3**

SHEET 3 OF 18





DRAFT  
NOT FOR CONSTRUCTION

FILE: P:\01 CAD\2021\145\00 AmericanCanyon\DWG\G1.X\_EXISTING CONDITIONS.dwg PLOT DATE: 6/13/2024 12:28:38 PM PLOTTED BY: ISAAC SWANSON



**LEGEND**

DEVELOPED	
OTHER	
WASTEWATER POND	
WETLAND / MARSH	
BAY FLAT / PLAYA / TIDAL UNNATURAL / SHALLOW BAY	
GRASSLAND / UPLAND / AG	

**ESA**  
575 MARKET STREET  
SUITE 3700  
SAN FRANCISCO, CA 94105  
OFFICE - 415.896.5900  
WWW.ESASSOC.COM

STAMP

CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**  
205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS

#	DATE	DESCRIPTION

DESIGNED	XXX
DRAWN	IS, LCT
CHECKED	XXX
IN CHARGE	XXX ### ###

PROJECT NUMBER D202101145  
ISSUE DATE 05/21/24  
SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")  
1" = 200'

PHASE  
CONCEPTUAL DESIGN

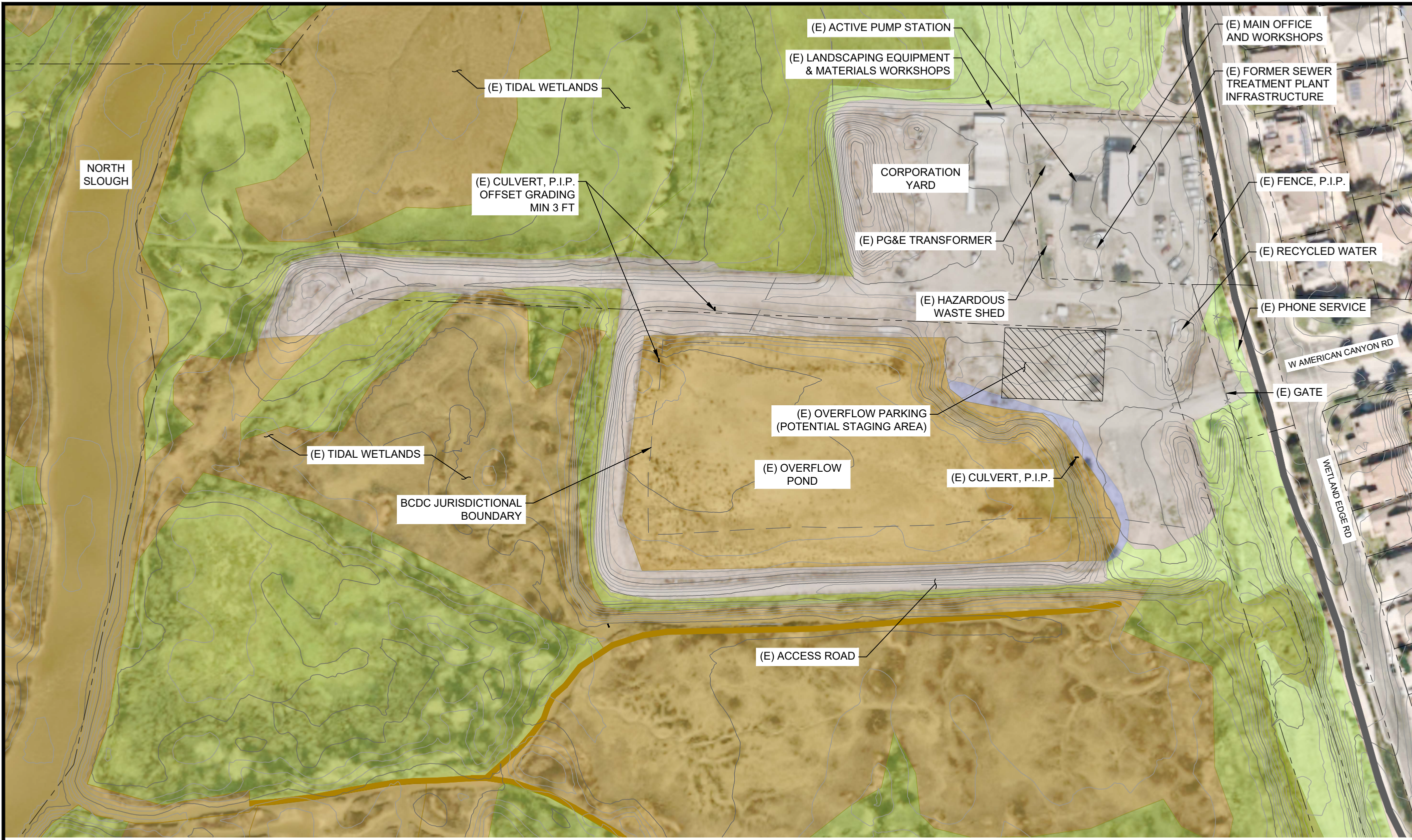
SHEET TITLE  
**EXISTING  
CONDITIONS & SITE  
PREPERATION PLAN  
- NORTH SLOUGH  
POND**

SHEET NUMBER  
**G1.4**  
SHEET 4 OF 18



DRAFT  
NOT FOR CONSTRUCTION

FILE: P:\01\_CAD\2021\145\00\_AmericanCanyon\DWG\G1\_X\_EXISTING CONDITIONS.dwg PLOT DATE: 6/13/2024 12:31:25 PM PLOTTED BY: ISAAC SWANSON



**ESA**  
575 MARKET STREET  
SUITE 3700  
SAN FRANCISCO, CA 94105  
OFFICE - 415.896.5900  
WWW.ESASSOC.COM

STAMP

CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**  
205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS		
#	DATE	DESCRIPTION
DESIGNED	XXX	
DRAWN	IS, LCT	
CHECKED	XXX	
IN CHARGE	XXX	
	### ###	

PROJECT NUMBER D202101145  
ISSUE DATE 05/21/24

SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")  
1" = 60'

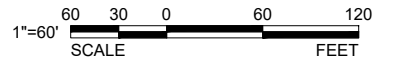
PHASE  
CONCEPTUAL DESIGN

SHEET TITLE  
**EXISTING  
CONDITIONS & SITE  
PREPERATION PLAN  
- CORPORATION  
YARD**

SHEET NUMBER  
**G1.5**  
SHEET 5 OF 18

**LEGEND**

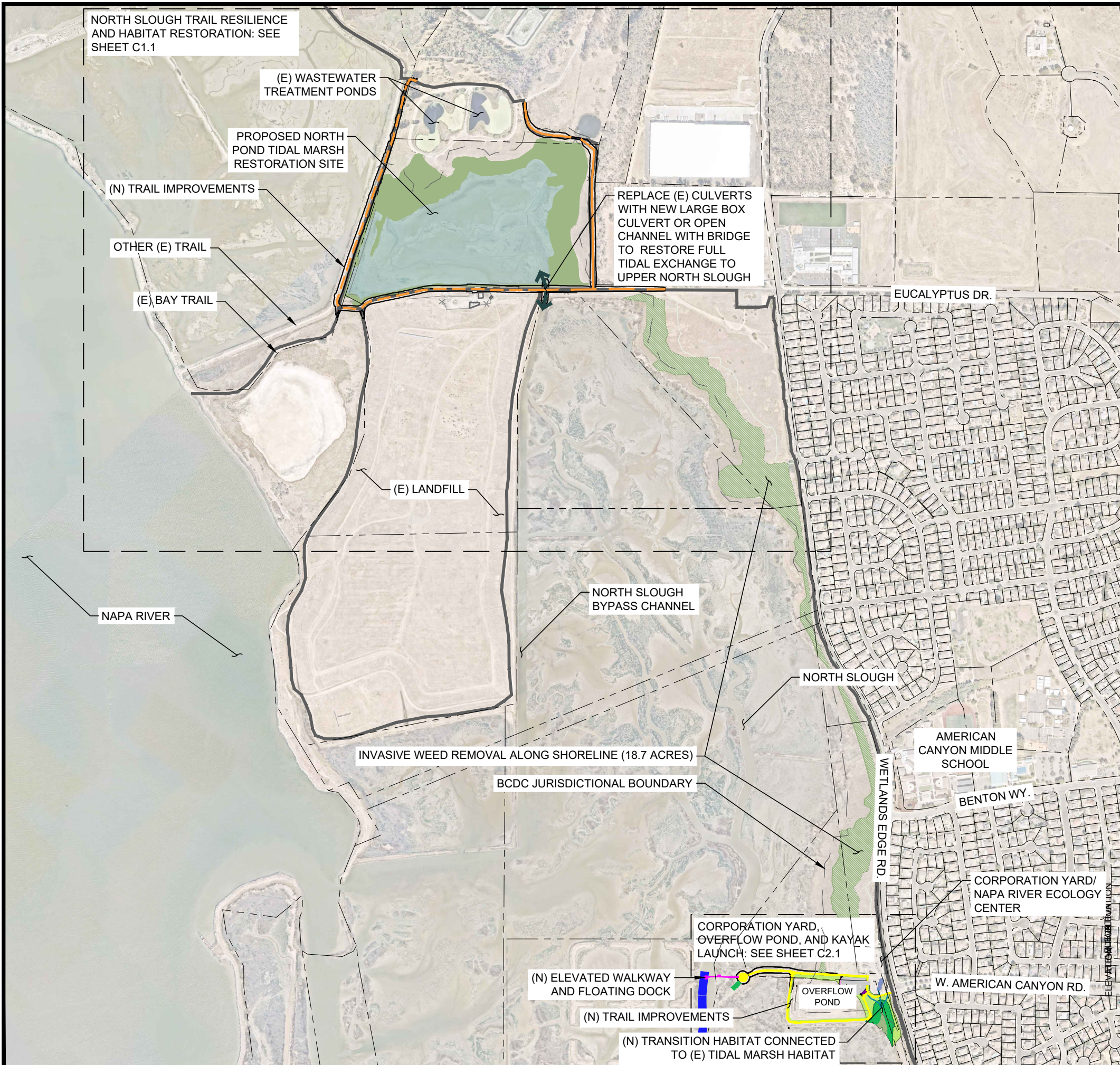
DEVELOPED	
OTHER	
WASTEWATER POND	
WETLAND / MARSH	
BAY FLAT / PLAYA / TIDAL UNNATURAL / SHALLOW BAY	
GRASSLAND / UPLAND / AG	





**DRAFT  
NOT FOR CONSTRUCTION**

FILE: P:\01 CAD\2021\xxxx\202101145\00 AmericanCanyon\DWG\G1\_X\_PROJECT\_OVERVIEW.dwg PLOT DATE: 6/13/2024 12:33:42 PM PLOTTED BY: ISAAC SWANSON



**LEGEND**

- EXISTING BAY TRAIL
- OTHER EXISTING TRAIL
- PROPOSED BAY TRAIL IMPROVEMENTS
- PROPOSED NEW TRAIL
- PROPOSED ELEVATED WALKWAY AND FLOATING DOCK
- PROPOSED BAY AREA WATER TRAIL
- PROPOSED TIDAL MARSH ENHANCEMENT
- PROPOSED TIDAL MARSH RESTORATION
- PROPOSED ECOTONE SLOPE RESTORATION
- PROPOSED UPLAND ENHANCEMENT
- RESTORED FULL TIDAL EXCHANGE
- BCDC JURISDICTIONAL BOUNDARY



STAMP

CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**  
205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS

#	DATE	DESCRIPTION

DESIGNED	XXX
DRAWN	IS, LCT
CHECKED	XXX
IN CHARGE	XXX ### ##

PROJECT NUMBER D202101145

ISSUE DATE 05/21/24

SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")

1" = 400'

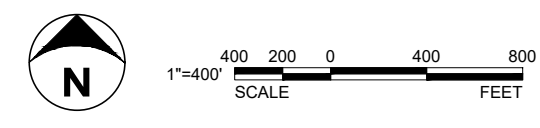
PHASE  
CONCEPTUAL DESIGN

SHEET TITLE

CONCEPTUAL  
DESIGN OVERVIEW

SHEET NUMBER

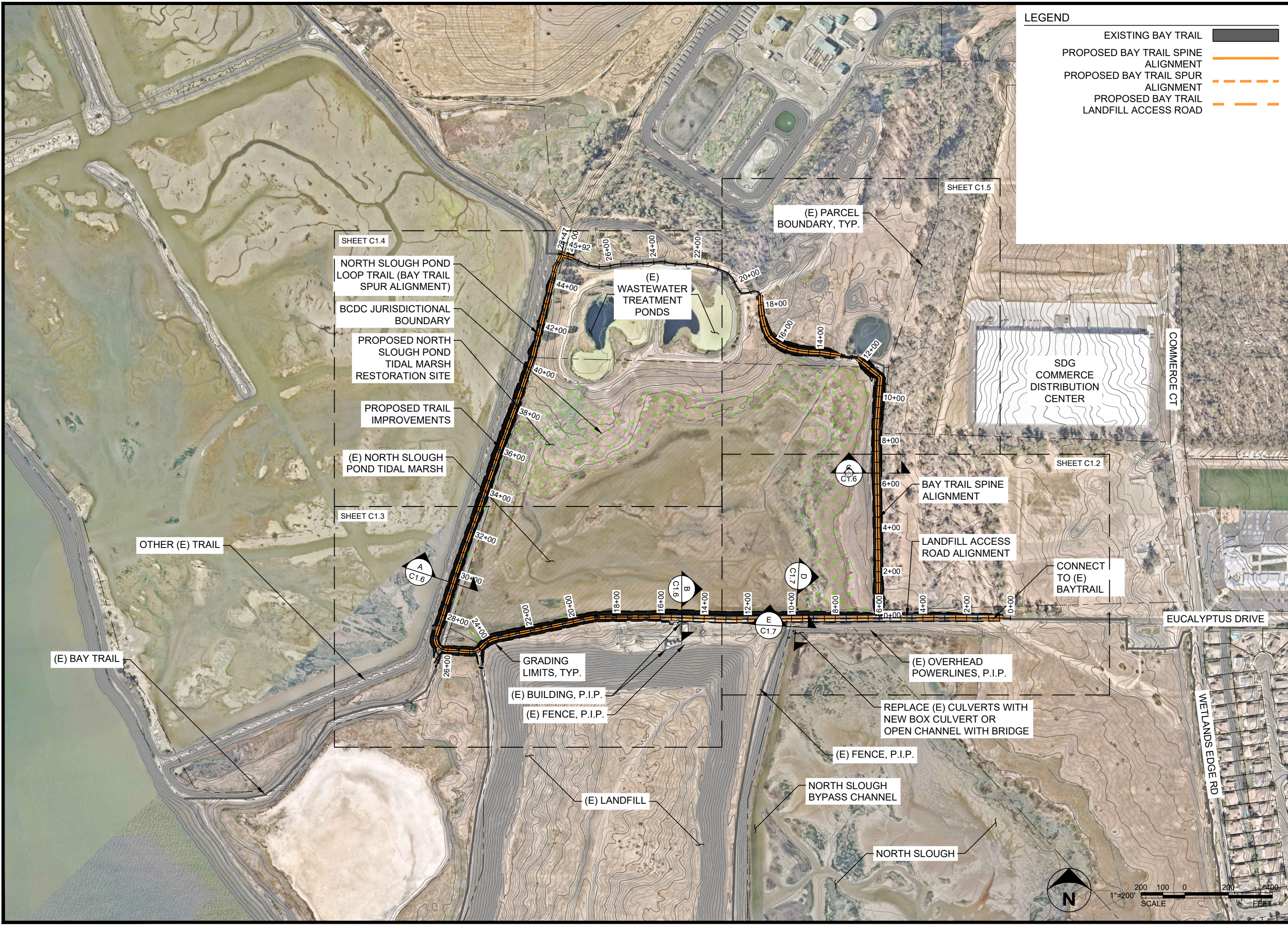
**G1.6**  
SHEET 6 OF 18





DRAFT  
NOT FOR CONSTRUCTION

FILE: P:\01\_CAD\2021\145.00\_AmericanCanyon\DWG\C1.X\_NORTH\_POND.dwg PLOT DATE: 6/13/2024 12:35:04 PM PLOTTED BY: ISAAC SWANSON



**LEGEND**

- EXISTING BAY TRAIL
- PROPOSED BAY TRAIL SPINE ALIGNMENT
- PROPOSED BAY TRAIL SPUR ALIGNMENT
- PROPOSED BAY TRAIL LANDFILL ACCESS ROAD

575 MARKET STREET  
SUITE 3700  
SAN FRANCISCO, CA 94105  
OFFICE - 415.896.5900  
WWW.ESASSOC.COM

STAMP

CONSULTANT

PROJECT NAME

**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**

205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS

#	DATE	DESCRIPTION

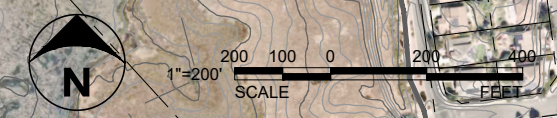
DESIGNED	XXX
DRAWN	IS, LCT
CHECKED	XXX
IN CHARGE	XXX
	### ###

PROJECT NUMBER D202101145  
ISSUE DATE 05/21/24  
SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")  
1" = 200'

PHASE  
CONCEPTUAL DESIGN

SHEET TITLE  
**NORTH SLOUGH  
POND GRADING  
ENLARGEMENT**

SHEET NUMBER  
**C1.1**  
SHEET 7 OF 18





DRAFT  
NOT FOR CONSTRUCTION

FILE: P:\01\_CAD\2021\145.00\_AmericanCanyon\DWG\C1.1\_NORTH\_POND.dwg PLOT DATE: 6/13/2024 12:37:13 PM PLOTTED BY: ISAAC SWANSON



**NOTE**  
1- SEE SHEET C1.1 FOR GRADING LEGEND AND NOTES.

**LEGEND**

EXISTING BAY TRAIL	
PROPOSED BAY TRAIL SPINE ALIGNMENT	
PROPOSED BAY TRAIL	
LANDFILL ACCESS ROAD	

**ESA**  
575 MARKET STREET  
SUITE 3700  
SAN FRANCISCO, CA 94105  
OFFICE - 415.896.5900  
WWW.ESASSOC.COM

STAMP  
  
CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**  
205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

**REVISIONS**

#	DATE	DESCRIPTION

DESIGNED XXX  
DRAWN IS, LCT  
CHECKED XXX  
IN CHARGE XXX  
### ##

PROJECT NUMBER D202101145  
ISSUE DATE 05/21/24  
SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")  
1" = 60'

PHASE  
CONCEPTUAL DESIGN

SHEET TITLE  
**NORTH SLOUGH  
POND GRADING  
PLAN 1**

SHEET NUMBER  
**C1.2**  
SHEET 8 OF 18



DRAFT  
NOT FOR CONSTRUCTION



**NOTE**  
1- SEE SHEET C1.1 FOR GRADING LEGEND AND NOTES.

**LEGEND**  
 EXISTING BAY TRAIL [Solid Grey Line]  
 PROPOSED BAY TRAIL SPUR ALIGNMENT [Dashed Orange Line]

**ESA**  
 575 MARKET STREET  
 SUITE 3700  
 SAN FRANCISCO, CA 94105  
 OFFICE - 415.896.5900  
 WWW.ESASSOC.COM

STAMP  
 CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
 WETLAND RESTORATION  
 PLAN**  
 205 WETLANDS EDGE ROAD  
 AMERICAN CANYON, CA 94503

REVISIONS #	DATE	DESCRIPTION

DESIGNED XXX  
 DRAWN IS, LCT  
 CHECKED XXX  
 IN CHARGE XXX  
 ### ##

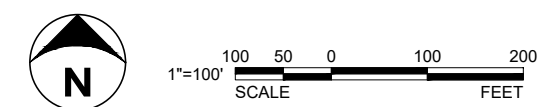
PROJECT NUMBER D202101145  
 ISSUE DATE 05/21/24  
 SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")  
 1" = 100'

PHASE  
**CONCEPTUAL DESIGN**

SHEET TITLE  
**NORTH SLOUGH  
 POND GRADING  
 PLAN 2**

SHEET NUMBER  
**C1.3**  
 SHEET 9 OF 18

FILE: P:\01\_CAD\2021\145\00\_AmericanCanyon\DWG\C1.3\_NORTH\_POND.dwg PLOT DATE: 6/13/2024 12:39:35 PM PLOTTED BY: ISAAC SWANSON





**DRAFT  
NOT FOR CONSTRUCTION**

**NOTE**  
1. SEE SHEET C1.1 FOR GRADING LEGEND AND NOTES.

**LEGEND**

- EXISTING BAY TRAIL
- PROPOSED BAY TRAIL SPINE ALIGNMENT
- PROPOSED BAY TRAIL SPUR ALIGNMENT



**ESA**  
575 MARKET STREET  
SUITE 3700  
SAN FRANCISCO, CA 94105  
OFFICE - 415.896.5900  
WWW.ESASSOC.COM

STAMP

CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**  
205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS		
#	DATE	DESCRIPTION

DESIGNED XXX  
DRAWN IS, LCT  
CHECKED XXX  
IN CHARGE XXX  
### ##

PROJECT NUMBER D202101145  
ISSUE DATE 05/21/24

SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")  
1" = 60'

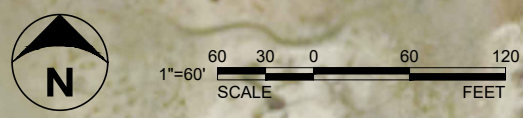
PHASE  
CONCEPTUAL DESIGN

SHEET TITLE  
NORTH SLOUGH POND GRADING PLAN 3

SHEET NUMBER  
**C1.4**

SHEET 10 OF 18

FILE: P:\01 CAD\2021\145.00 AmericanCanyon\DWG\C1.4\_NORTH\_POND.dwg PLOT DATE: 6/13/2024 12:40:51 PM PLOTTED BY: ISAAC SWANSON





DRAFT  
NOT FOR CONSTRUCTION



FILE: P:\01 CAD\2021\xxxx\202101145.00 AmericanCanyon\DWG\C1.5\_NORTH\_POND.dwg PLOT DATE: 6/13/2024 12:42:28 PM PLOTTED BY: ISAAC SWANSON

NOTE

1. SEE SHEET C1.1 FOR GRADING LEGEND AND NOTES.

LEGEND

- EXISTING BAY TRAIL
- PROPOSED BAY TRAIL SPINE ALIGNMENT



575 MARKET STREET  
SUITE 3700  
SAN FRANCISCO, CA 94105  
OFFICE - 415.896.5900  
WWW.ESASSOC.COM

STAMP

CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**  
205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS  
# DATE DESCRIPTION

DESIGNED	XXX
DRAWN	IS, LCT
CHECKED	XXX
IN CHARGE	XXX ### ##

PROJECT NUMBER D202101145

ISSUE DATE 05/21/24

SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")  
1" = 60'

PHASE  
CONCEPTUAL DESIGN

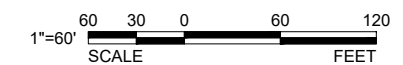
SHEET TITLE

**NORTH SLOUGH  
POND GRADING  
PLAN 4**

SHEET NUMBER

**C1.5**

SHEET 11 OF 18







575 MARKET STREET  
SUITE 3700  
SAN FRANCISCO, CA 94105  
OFFICE - 415.896.5900  
WWW.ESASSOC.COM

STAMP

CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**

205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS

#	DATE	DESCRIPTION

DESIGNED	XXX
DRAWN	IS, LCT
CHECKED	XXX
IN CHARGE	XXX ### ##

PROJECT NUMBER D202101145

ISSUE DATE 05/21/24

SCALE IS AS SHOWN WHEN  
PLOTTED TO FULL SIZE (22"x34")

1" = 2.5'

PHASE  
CONCEPTUAL DESIGN

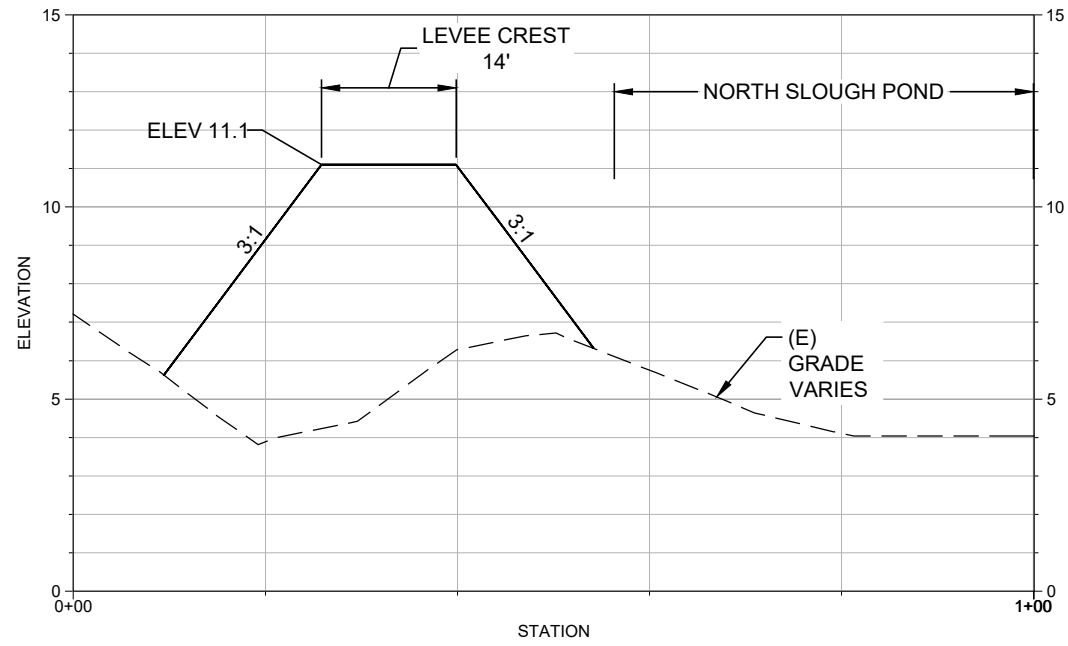
SHEET TITLE

**NORTH SLOUGH  
POND TYPICAL  
SECTIONS**

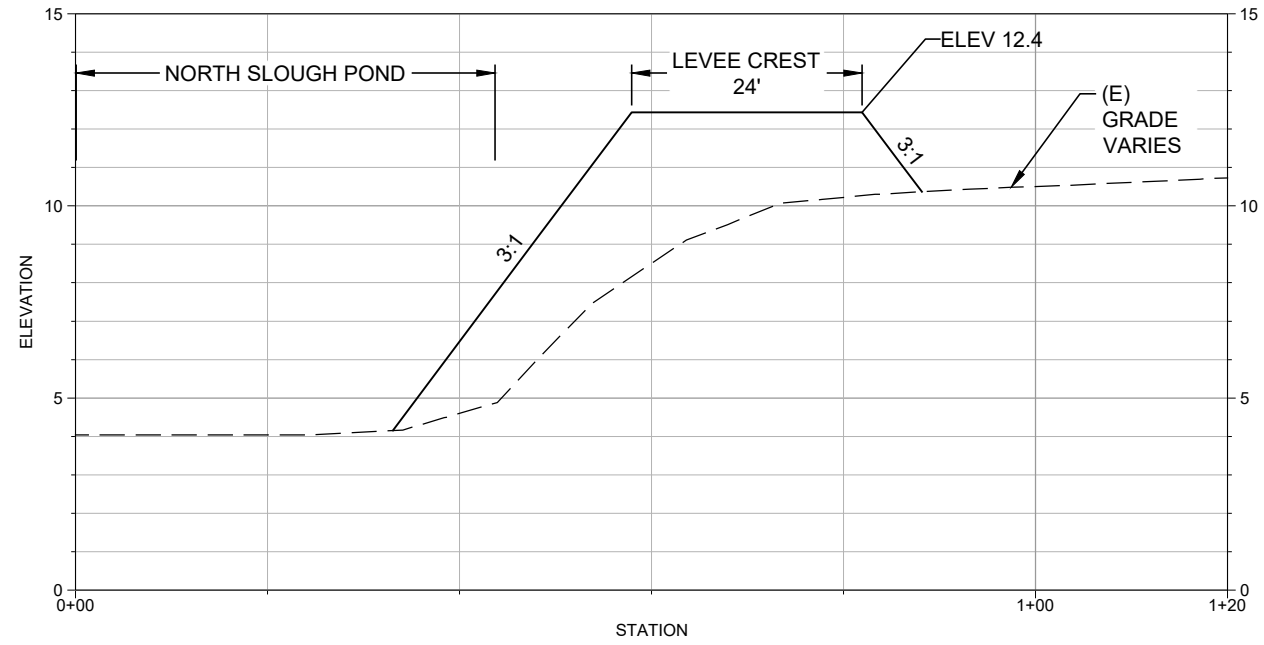
SHEET NUMBER

**C1.6**

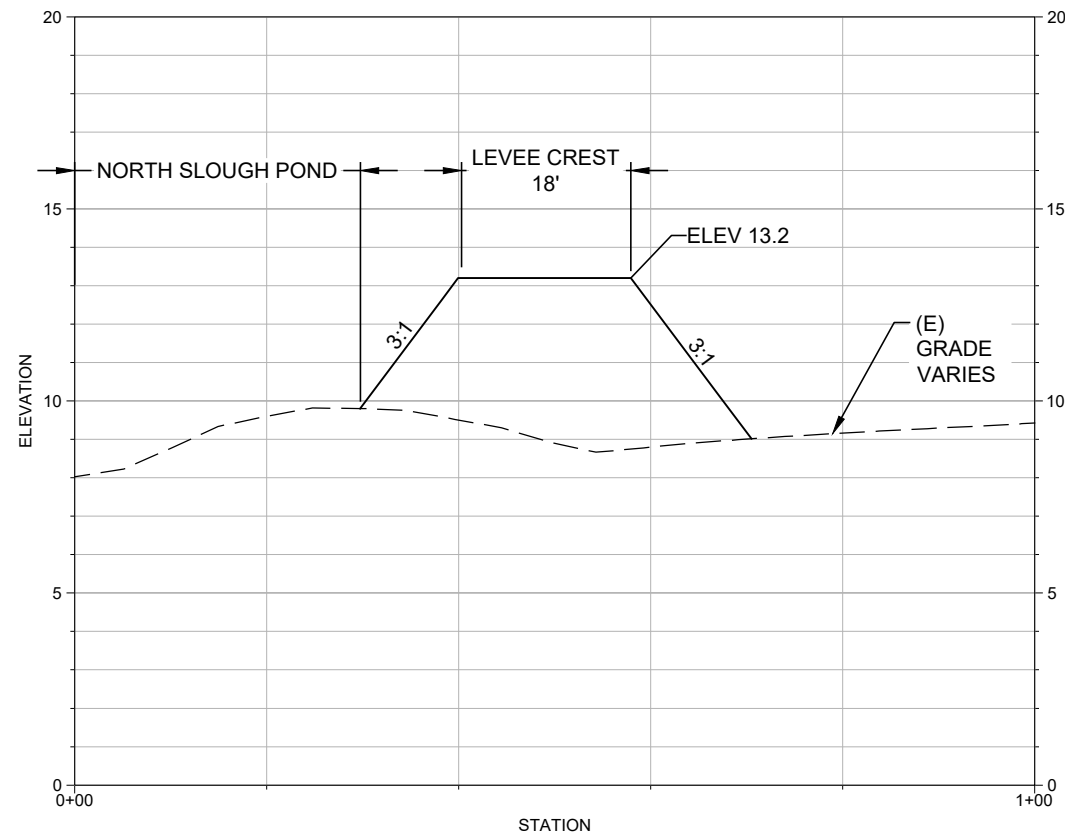
SHEET 12 OF 18



**A**  
C1.1 NORTH BAY SPUR NARROW TRAIL  
PROFILE SCALE: H: 1"=8'  
V: 1"=2.5'



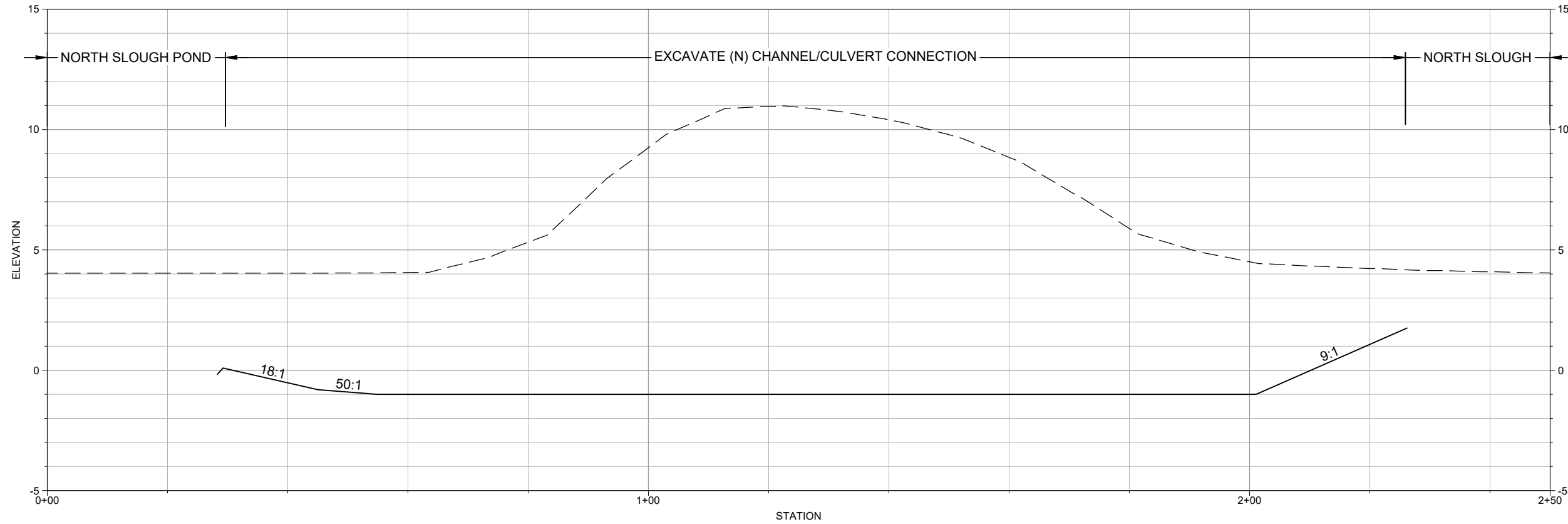
**B**  
C1.1 NORTH BAY SPUR WIDE TRAIL  
PROFILE SCALE: H: 1"=8'  
V: 1"=2.5'



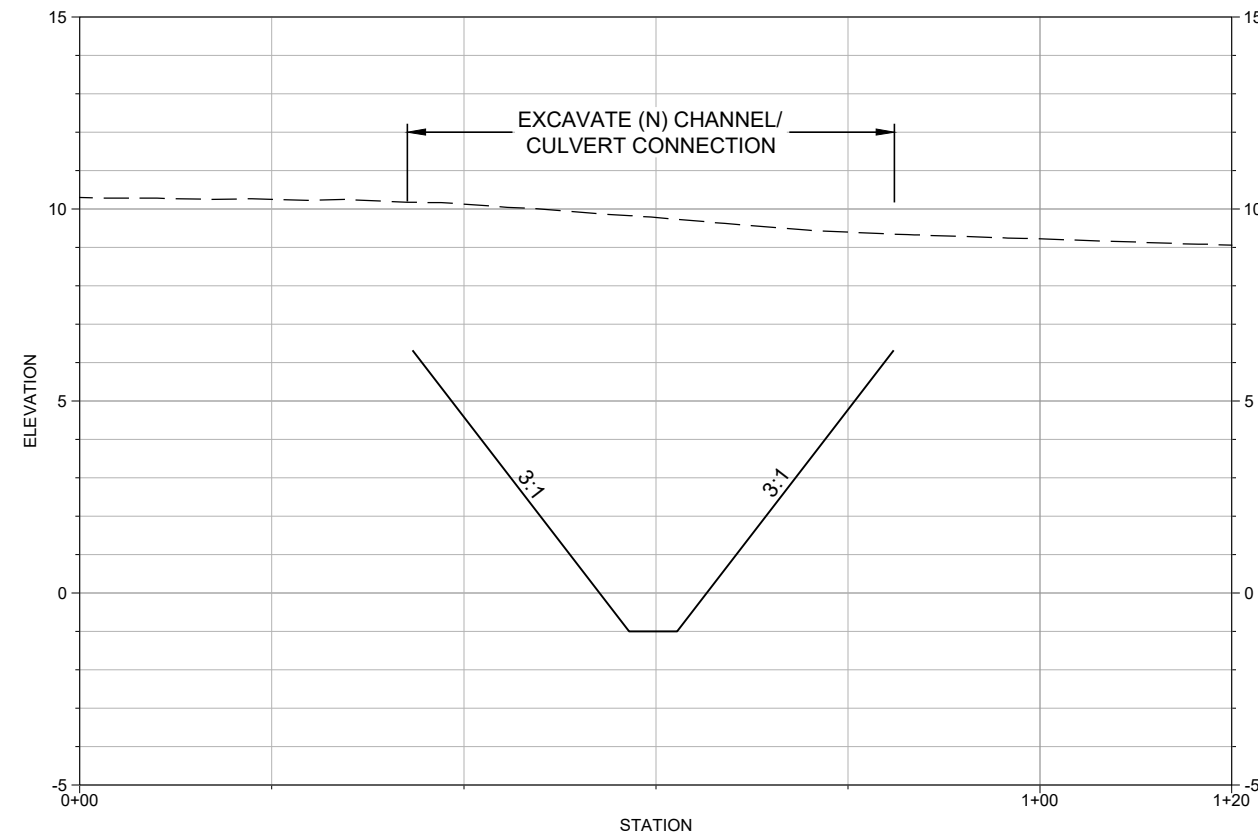
**C**  
C1.1 NORTH BAY SPINE TRAIL  
PROFILE SCALE: H: 1"=8'  
V: 1"=2.5'

DRAFT  
NOT FOR CONSTRUCTION

FILE: P:\01\_CAD\2021\145.00\_AmericanCanyon\DWG\CXX\_TYPICAL\_SECTIONS.dwg PLOT DATE: 6/13/2024 12:44:44 PM PLOTTED BY: ISAAC SWANSON



**D** NORTH POND CHANNEL  
C1.1 PROFILE SCALE: H: 1"=8'  
V: 1"=2.5'



**E** NORTH POND CHANNEL  
C1.1 SECTION SCALE: H: 1"=8'  
V: 1"=2.5'



575 MARKET STREET  
SUITE 3700  
SAN FRANCISCO, CA 94105  
OFFICE - 415.896.5900  
WWW.ESASSOC.COM

STAMP

CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**  
205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS

#	DATE	DESCRIPTION

DESIGNED	XXX
DRAWN	IS, LCT
CHECKED	XXX
IN CHARGE	XXX ### ##

PROJECT NUMBER D202101145

ISSUE DATE 05/21/24

SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")

1" = 1'

PHASE  
CONCEPTUAL DESIGN

SHEET TITLE

**NORTH SLOUGH  
POND CULVERT  
DETAILS**

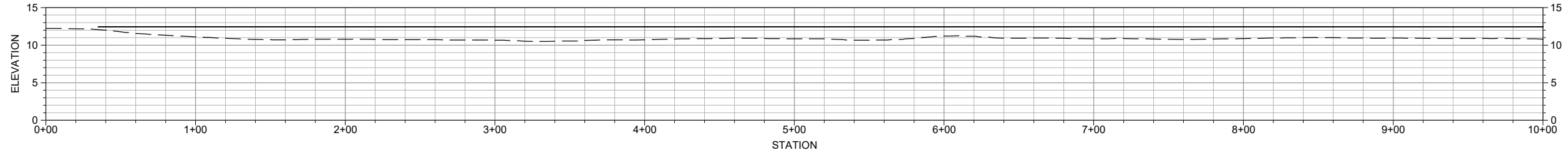
SHEET NUMBER

**C1.7**

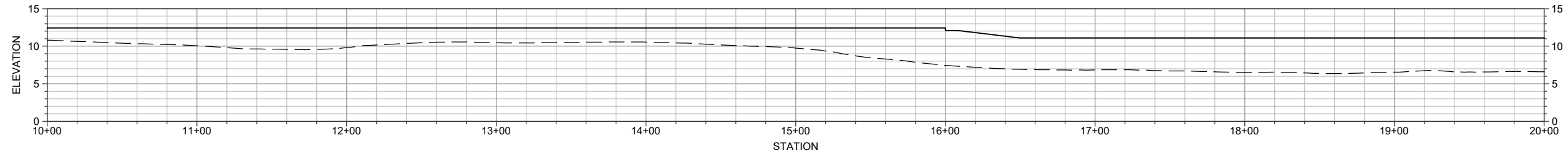
SHEET 13 OF 18

DRAFT  
NOT FOR CONSTRUCTION

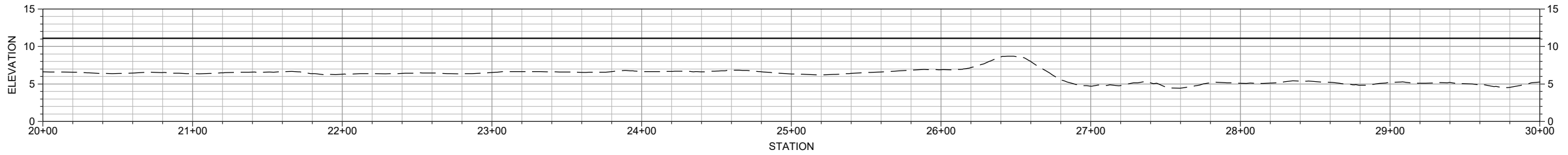
FILE: P:\01\_CAD\2021\145\00\_AmericanCanyon\DWG\CXX\_TYPICAL\_SECTIONS.dwg PLOT DATE: 6/13/2024 12:45:39 PM PLOTTED BY: ISAAC SWANSON



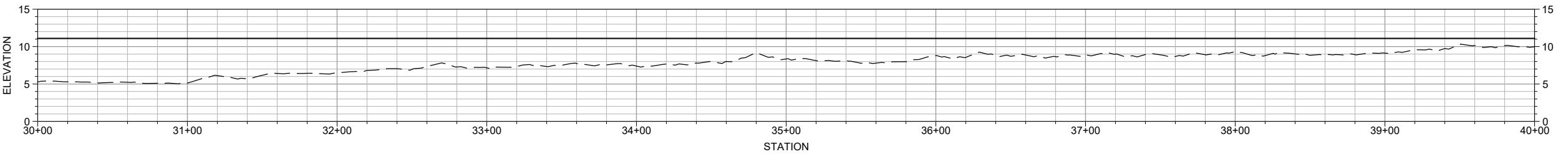
**NORTH POND TRAIL STA 0+00 TO 10+00**  
C1.1 PROFILE SCALE: H: 1"=40'  
V: 1"=8'



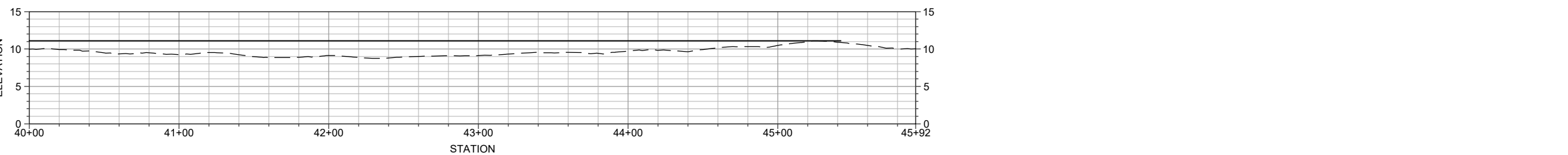
**NORTH POND TRAIL STA 10+00 TO 20+00**  
C1.1 PROFILE SCALE: H: 1"=40'  
V: 1"=8'



**NORTH POND TRAIL STA 20+00 TO 30+00**  
C1.1 PROFILE SCALE: H: 1"=40'  
V: 1"=8'



**NORTH POND TRAIL STA 30+00 TO 40+00**  
C1.1 PROFILE SCALE: H: 1"=40'  
V: 1"=8'



**NORTH POND TRAIL STA 40+00 TO 50+00**  
C1.1 PROFILE SCALE: H: 1"=40'  
V: 1"=8'



575 MARKET STREET  
SUITE 3700  
SAN FRANCISCO, CA 94105  
OFFICE - 415.896.5900  
WWW.ESASSOC.COM

STAMP

CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**  
205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS

#	DATE	DESCRIPTION

DESIGNED	XXX
DRAWN	IS, LCT
CHECKED	XXX
IN CHARGE	XXX
	### ###

PROJECT NUMBER D202101145

ISSUE DATE 05/21/24

SCALE IS AS SHOWN WHEN  
PLOTTED TO FULL SIZE (22"x34")  
1" = 1'

PHASE  
CONCEPTUAL DESIGN

SHEET TITLE

**NORTH SLOUGH  
POND TRAIL  
PROFILES 1**

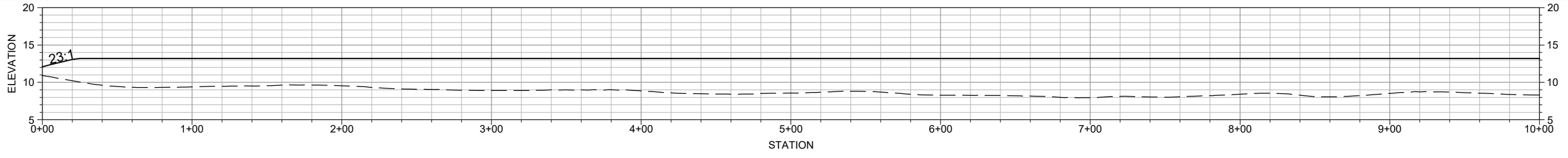
SHEET NUMBER

**C1.8**

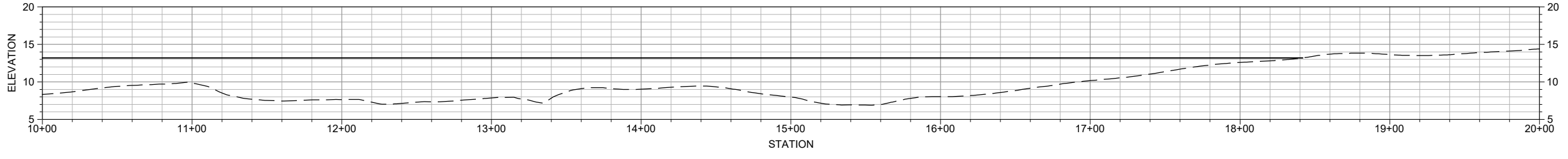
SHEET 14 OF 18

DRAFT  
NOT FOR CONSTRUCTION

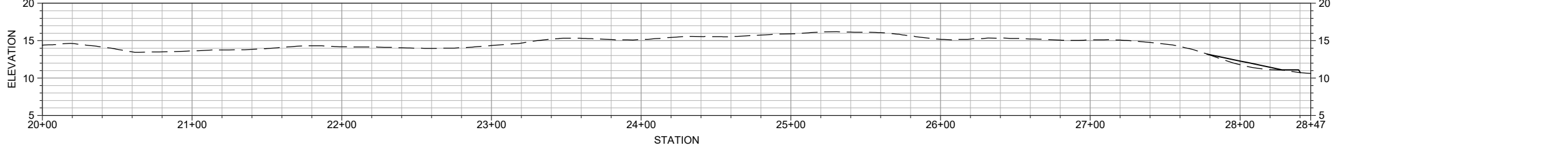
FILE: P:\01\_CAD\2021\145.00\_AmericanCanyon\DWG\CXX\_TYPICAL\_SECTIONS.dwg PLOT DATE: 6/13/2024 12:56:05 PM PLOTTED BY: ISAAC SWANSON



-  
C1.1 PROFILE SCALE: H: 1"=40'  
V: 1"=8'



-  
C1.1 PROFILE SCALE: H: 1"=40'  
V: 1"=8'



-  
C1.1 PROFILE SCALE: H: 1"=40'  
V: 1"=8'



STAMP

CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**  
205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS		
#	DATE	DESCRIPTION

DESIGNED XXX  
DRAWN IS, LCT  
CHECKED XXX  
IN CHARGE XXX  
### ##

PROJECT NUMBER D202101145

ISSUE DATE 05/21/24

SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")  
1" = 1"

PHASE  
CONCEPTUAL DESIGN

SHEET TITLE  
**NORTH SLOUGH  
POND TRAIL  
PROFILES 2**

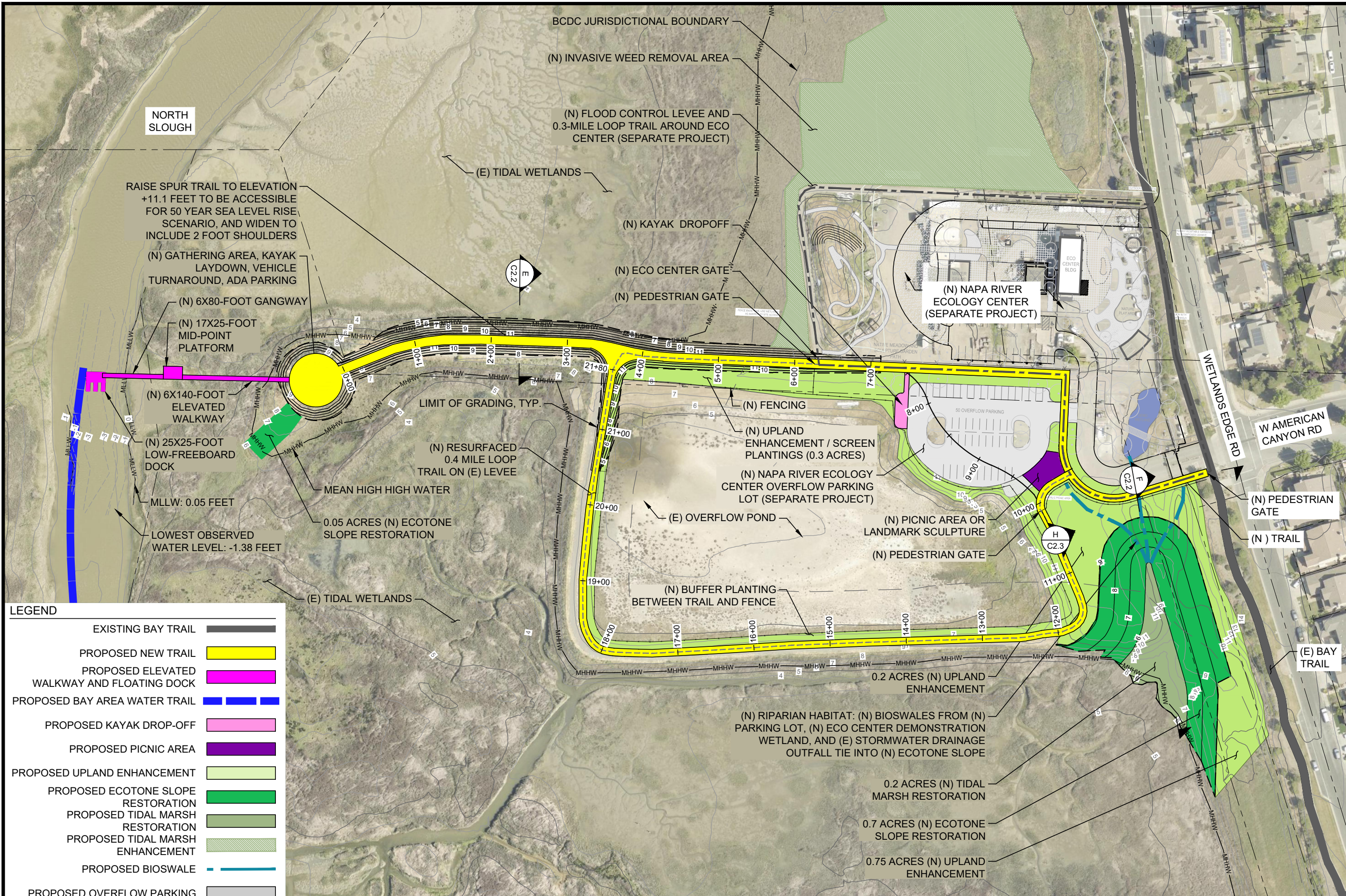
SHEET NUMBER  
**C1.9**

SHEET 14 OF 18



DRAFT  
NOT FOR CONSTRUCTION

FILE: P:\01 CAD\2021\145.00 AmericanCanyon\DWG\C2.X\_CORP\_YARD.dwg PLOT DATE: 6/13/2024 12:58:06 PM PLOTTED BY: ISAAC SWANSON



**LEGEND**

EXISTING BAY TRAIL	
PROPOSED NEW TRAIL	
PROPOSED ELEVATED WALKWAY AND FLOATING DOCK	
PROPOSED BAY AREA WATER TRAIL	
PROPOSED KAYAK DROP-OFF	
PROPOSED PICNIC AREA	
PROPOSED UPLAND ENHANCEMENT	
PROPOSED ECOTONE SLOPE RESTORATION	
PROPOSED TIDAL MARSH RESTORATION	
PROPOSED TIDAL MARSH ENHANCEMENT	
PROPOSED BIOSWALE	
PROPOSED OVERFLOW PARKING	
BCDC JURISDICTIONAL BOUNDARY	



STAMP

CONSULTANT

PROJECT NAME

**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**

205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS

#	DATE	DESCRIPTION

DESIGNED XXX  
DRAWN IS, LCT  
CHECKED XXX  
IN CHARGE XXX  
### ##

PROJECT NUMBER D202101145  
ISSUE DATE 05/21/24  
SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")  
1" = 60'

PHASE  
CONCEPTUAL DESIGN

SHEET TITLE  
**CORPORATION YARD, OVERFLOW POND, AND KAYAK LAUNCH ENLARGEMENT**

SHEET NUMBER  
**C2.1**  
SHEET 16 OF 18



DRAFT  
NOT FOR CONSTRUCTION



575 MARKET STREET  
SUITE 3700  
SAN FRANCISCO, CA 94105  
OFFICE - 415.896.5900  
WWW.ESASSOC.COM

STAMP

CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**  
205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS  
# DATE DESCRIPTION

DESIGNED XXX  
DRAWN IS, LCT  
CHECKED XXX  
IN CHARGE XXX  
### ###

PROJECT NUMBER D202101145  
ISSUE DATE 05/21/24

SCALE IS AS SHOWN WHEN  
PLOTTED TO FULL SIZE (22"x34")  
1" = 1"

PHASE  
CONCEPTUAL DESIGN

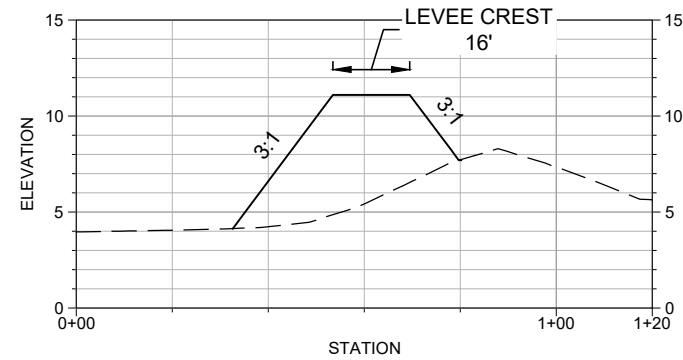
SHEET TITLE

**CORPORATION  
YARD TYPICAL  
SECTIONS**

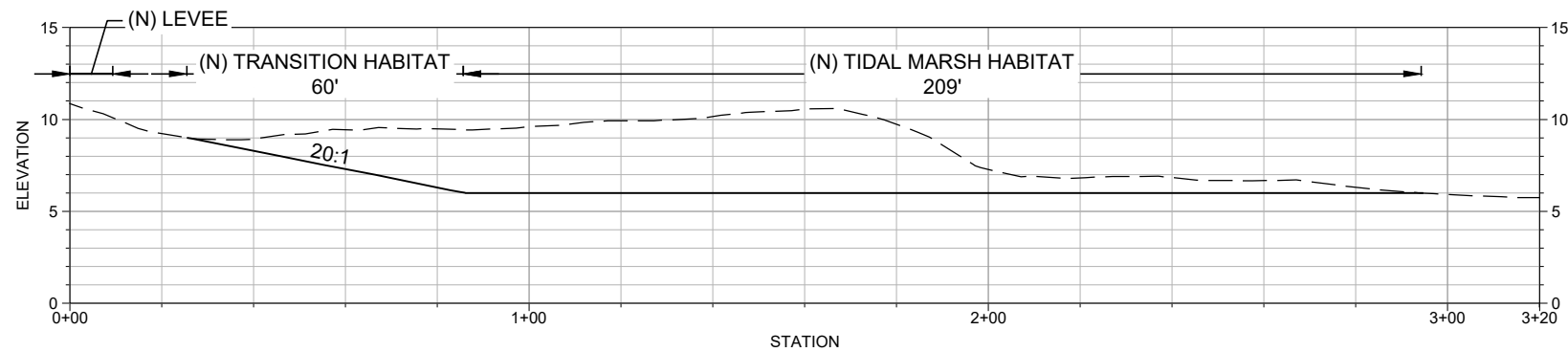
SHEET NUMBER

**C2.2**

SHEET 17 OF 18

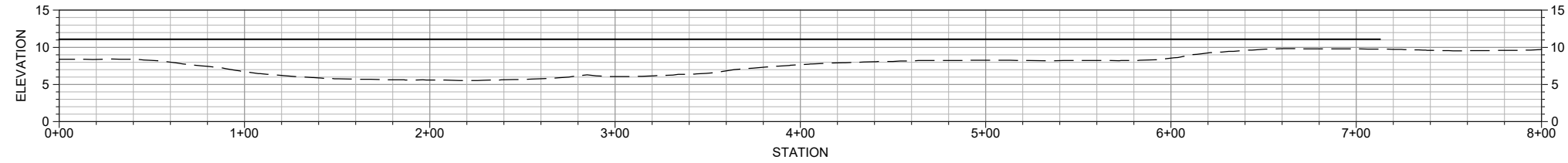


**E**  
C2.1 PROFILE SCALE: H: 1"=20'  
V: 1"=5'  
SPUR TRAIL TO KAYAK LAUNCH

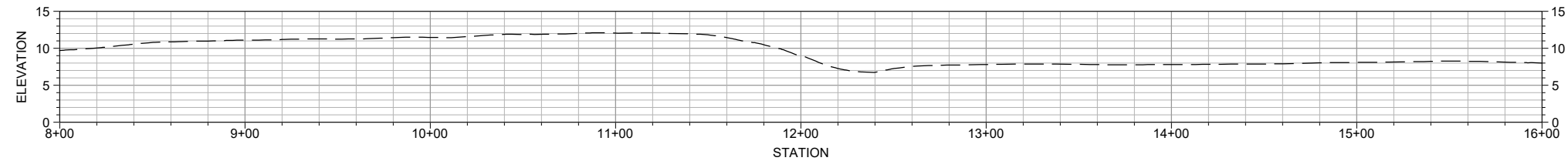


**F**  
C2.1 PROFILE SCALE: H: 1"=20'  
V: 1"=5'  
CORPORATION YARD TRANSITION HABITAT

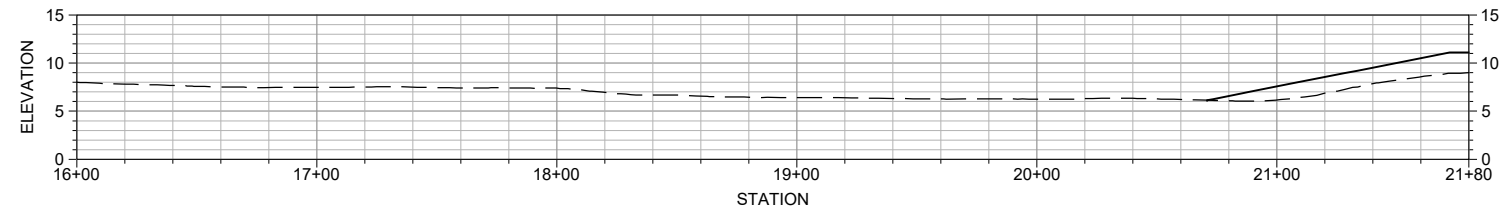
DRAFT  
NOT FOR CONSTRUCTION



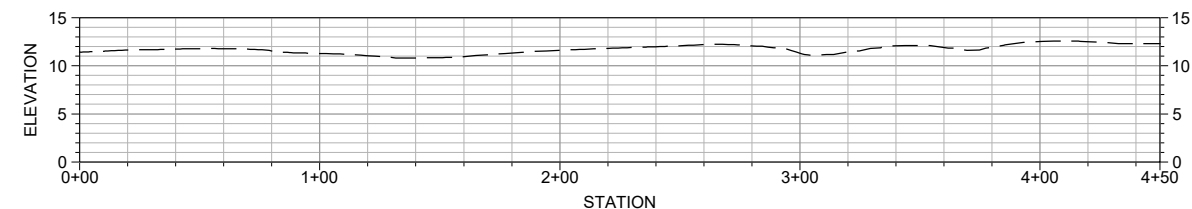
**G1**  
C2.1 PROFILE  
LEVEE PATH CENTERLINE STA 0+00 TO 8+00  
SCALE:  
H: 1"=40'  
V: 1"= 10'



**G2**  
C2.1 PROFILE  
LEVEE PATH CENTERLINE STA 8+00 TO 16+00  
SCALE:  
H: 1"=40'  
V: 1"= 10'



**G3**  
C2.1 PROFILE  
LEVEE PATH CENTERLINE STA 16+00 TO 21+80  
SCALE:  
H: 1"=40'  
V: 1"= 10'



**H**  
C2.1 PROFILE  
PEDESTRIAN PATH  
SCALE:  
H: 1"=40'  
V: 1"= 10'



575 MARKET STREET  
SUITE 3700  
SAN FRANCISCO, CA 94105  
OFFICE - 415.896.5900  
WWW.ESASSOC.COM

STAMP

CONSULTANT

PROJECT NAME  
**AMERICAN CANYON  
WETLAND RESTORATION  
PLAN**  
205 WETLANDS EDGE ROAD  
AMERICAN CANYON, CA 94503

REVISIONS  
# DATE DESCRIPTION

DESIGNED	XXX
DRAWN	IS, LCT
CHECKED	XXX
IN CHARGE	XXX ### ###

PROJECT NUMBER D202101145

ISSUE DATE 05/21/24

SCALE IS AS SHOWN WHEN  
PLOTTED TO FULL SIZE (22"x34")

1" = 1'

PHASE  
CONCEPTUAL DESIGN

SHEET TITLE

**CORPORATION  
YARD, OVERFLOW  
POND, AND KAYAK  
LAUNCH  
ENLARGEMENT**

SHEET NUMBER

**C2.3**

SHEET 18 OF 18

# Appendix G

## **Cost Estimate**





## Table G1

### American Canyon Wetland Restoration Project

#### Baseline Conceptual Design Cost Estimate, with Imported Fill Material (Adverse Market Conditions)

Revised 2024-04-18

Prepared By: I Swanson and E Divita

Reviewed by: A Borgonovo Jan. 2024

Scenario	Phase 1 Construction Total	North Pond Culvert Replacement	North Slough Pond Loop Trail Improvements	Other North Slough Trail and Levees Improvements	Kayak Launch	Corp Yard	Planting/Reveg	Const. Mgmt.	Planning and Design Total	Design Allowance	CEQA (EIR)	Permits
Scenario 1 - Base Project	\$ 13,725,500	\$ 1,376,000	\$ 3,073,800	\$ 4,877,200	\$ 1,121,500	\$ 1,787,000	\$ 1,190,000	\$ 300,000	\$ 940,000	\$ 350,000	\$ 350,000	\$ 240,000
Scenario 2 - Reduced Trail Improvements	\$ 10,158,700	\$ 1,376,000	\$ -	\$ 4,384,200	\$ 1,121,500	\$ 1,787,000	\$ 1,190,000	\$ 300,000	\$ 890,000	\$ 300,000	\$ 350,000	\$ 240,000
Scenario 3 - Stockpile Local Fill Material	\$ 8,962,500	\$ 1,217,000	\$ 1,071,800	\$ 2,817,200	\$ 1,121,500	\$ 1,195,000	\$ 1,190,000	\$ 350,000	\$ 940,000	\$ 350,000	\$ 350,000	\$ 240,000
Scenario 4 - Reduced Trail and Stockpile	\$ 7,396,700	\$ 1,217,000	\$ -	\$ 2,323,200	\$ 1,121,500	\$ 1,195,000	\$ 1,190,000	\$ 350,000	\$ 890,000	\$ 300,000	\$ 350,000	\$ 240,000

## Table G2.1

### American Canyon Wetland Restoration Project

#### Baseline Conceptual Design Cost Estimate, with Imported Fill Material (Adverse Marke

Revised 2024-04-18

Prepared By: I Swanson and E Divita

Reviewed by: A Borgonovo Jan. 2024

Mobilization

7.7%

Phase 1 North Slough Pond: Bridge Replacement Only	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 73,000	1	Lump Sum	\$ 73,000
Environmental Protection Fencing	\$ 3.30	1,200	Linear Foot	\$ 4,000
Clear and Grub	\$ 2,200	1	Acre	\$ 3,000
Culverts Removal at Eucalyptus Drive/Bay Trail	\$ 50,000	1	Allowance	\$ 50,000
Demolition of Asphalt - Landfill Access Road	\$ 5	14,000	Square Foot	\$ 70,000
Utility Pole Relocation/ Replacement	\$ 18,000	10	Each	\$ 180,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Import Embankment Fill Material	\$ 125	1,000	CY, Allowance	\$ 125,000
Raised Levee Embankments	\$ 10	1,000	Cubic Yard	\$ 10,000
Erosion Control - Levee Embankments	\$ 12	1,200	Linear Foot	\$ 15,000
H-20 vehicular-rated box culvert at Eucalyptus Drive	\$ 400,000	1	Lump Sum	\$ 400,000
Asphalt Surfacing: Eucalyptus Drive excluding Landfill Parking Lot	\$ 5	12,000	Square Foot	\$ 60,000
North Pond - Misc. Chain Link Fencing - replace ex fencing	\$ 40	200	Linear Foot	\$ 8,000
Misc. Signage	\$ 1,000	1	Lump Sum	\$ 1,000
<b>Subtotal, Phase 1 North Pond: Bridge Replacement Only</b>				<b>\$ 1,019,000</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 357,000</b>
<b>TOTAL, Phase 1 North Pond: Bridge Replacement Only</b>				<b>\$ 1,376,000</b>

Phase 1 North Slough Pond: West Levee Only	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 163,000	1	Lump Sum	\$ 163,000
Environmental Protection Fencing	\$ 3.30	1,600	Linear Foot	\$ 6,000
SWPPP Compliance	\$ 6,000	1	Lump Sum	\$ 6,000
Import Embankment Fill Material	\$ 125	12,513	CY, Allowance	\$ 1,565,000
Raised Levee Embankments	\$ 10	12,513	Cubic Yard	\$ 126,000
Erosion Control - Levee Embankments	\$ 12	6,500	Linear Foot	\$ 78,000
Decomposed Granite Surfacing at West Levee Trails	\$ 12	27,130	Square Foot	\$ 326,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	2	Lump Sum	\$ 6,000
Misc. Signage	\$ 400	2	Lump Sum	\$ 800
<b>Subtotal, Phase 1 North Pond: West Levee Only</b>				<b>\$ 2,276,800</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 797,000</b>
<b>TOTAL, Phase 1 North Pond: West Levee Only</b>				<b>\$ 3,073,800</b>

Phase 1 Other North Pond Improvements	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 259,000	1	Lump Sum	\$ 259,000
Environmental Protection Fencing	\$ 3.30	4,500	Linear Foot	\$ 15,000
Clear and Grub	\$ 2,200	11	Acre	\$ 25,000
Demolition of Asphalt - Landfill Access Road	\$ 5	23,567	Square Foot	\$ 118,000
SWPPP Compliance	\$ 14,000	1	Lump Sum	\$ 14,000
Mass Grading: Excavation and Haul - North Pond	\$ 10	100	Cubic Yard	\$ 1,000
Import Embankment Fill Material	\$ 125	12,887	CY, Allowance	\$ 1,611,000
Raised Levee Embankments	\$ 10	12,887	Cubic Yard	\$ 129,000
Erosion Control - Levee Embankments	\$ 12	10,000	Linear Foot	\$ 120,000
Asphalt Surfacing: Eucalyptus Drive excluding Landfill Parking Lot	\$ 5	32,300	Square Foot	\$ 162,000
Decomposed Granite Trail Surfacing	\$ 12	84,779	Square Foot	\$ 1,018,000
North Pond Road Gate	\$ 10,000	2	Ea, Allowance	\$ 20,000
North Pond - Misc. Chain Link Fencing - replace ex fencing	\$ 40	2,300	Linear Foot	\$ 92,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	5	Lump Sum	\$ 15,000
Interpretive Sign	\$ 12,000	1	Each	\$ 12,000
Misc. Signage	\$ 600	2	Lump Sum	\$ 1,200
<b>Subtotal, Phase 1 Other North Pond Improvements</b>				<b>\$ 3,612,200</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 1,265,000</b>
<b>TOTAL, Phase 1 Other North Pond Improvements</b>				<b>\$ 4,877,200</b>

Phase 1 Kayak Launch Only	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 60,000	1	Lump Sum	\$ 60,000
Environmental Protection Fencing	\$ 3.30	1,000	Linear Foot	\$ 4,000
Clear and Grub	\$ 2,200	4	Acre	\$ 9,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Pedestrian Gate	\$ 1,500	1	Each	\$ 1,500
Mid-Point Platform and Elevated Walkway to Kayak Launch	\$ 1,600	165	Linear Foot	\$ 264,000
Kayak Launch: Gangway, Hinge Foundation, Floating Dock, Piles	\$ 450,000	1	Allowance	\$ 450,000
Interpretive Sign	\$ 12,000	1	Each	\$ 12,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	3	Lump Sum	\$ 9,000
Misc. Signage	\$ 1,000	1	Lump Sum	\$ 1,000
<b>Subtotal, Phase 1 Kayak Launch Only</b>				<b>\$ 830,500</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 291,000</b>
<b>TOTAL, Phase 1 Kayak Launch Only</b>				<b>\$ 1,121,500</b>

<b>Phase 1 Other Corporation Yard Enhancements</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Mobilization	\$ 95,000	1	Lump Sum	\$ 95,000
Environmental Protection Fencing	\$ 3.30	5,000	Linear Foot	\$ 17,000
Clear and Grub	\$ 2,200	4	Acre	\$ 9,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Import Embankment Fill Material	\$ 125	3,700	CY, Allowance	\$ 463,000
Raised Levee Embankments - Overflow Pond & Spur Trail	\$ 10	3,700	Cubic Yard	\$ 37,000
Boardwalk across bioswale	\$ 1,200	20	Linear Foot	\$ 24,000
Erosion Control - Levee Embankments	\$ 12	6,500	Linear Foot	\$ 78,000
Concrete Paving for Kayak Laydown Area, Picnic Area	\$ 23	2,500	Square Foot	\$ 60,000
Asphalt Surfacing: Overflow Pond trails, spur trail	\$ 5	28,000	Square Foot	\$ 140,000
Fencing (Wood)	\$ 150	2,000	Linear Foot	\$ 300,000
Pedestrian Gate	\$ 1,500	2	Each	\$ 3,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	10	Lump Sum	\$ 30,000
Mass Grading: Excavation and Haul - Corporation Yard Site Area	\$ 10	3,300	Cubic Yard	\$ 33,000
Interpretive Sign	\$ 12,000	1	Each	\$ 12,000
Misc. Signage	\$ 2,000	1	Lump Sum	\$ 2,000
<b>Subtotal, Phase 1 Other Corporation Yard Enhancements</b>				<b>\$ 1,323,000</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 464,000</b>
<b>TOTAL, Phase 1 Other Corporation Yard Enhancements</b>				<b>\$ 1,787,000</b>

<b>Phase 1 Planting and Seeding (All Locations)</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Mobilization	\$ 63,000	1	Lump Sum	\$ 63,000
Temporary Irrigation System - Corporation Yard site area	\$ 120,000	1	Lump Sum	\$ 120,000
Seeding	\$ 4,000	11	Acre	\$ 44,000
Container Planting - Shrub	\$ 23	1,500	Each	\$ 35,000
Container Planting - Plug	\$ 7	7,000	Each	\$ 46,000
Live Poles	\$ 60	100	Each	\$ 6,000
Maintenance Weed Management	\$ 1,000	30	Acre	\$ 30,000
Year 1 Establishment Maintenance	\$ 6,000	30	Acre	\$ 179,000
Year 2 Establishment Maintenance	\$ 6,000	30	Acre	\$ 179,000
Year 3 Establishment Maintenance	\$ 6,000	30	Acre	\$ 179,000
<b>Subtotal, Phase 1 Planting and Seeding (All Locations)</b>				<b>\$ 881,000</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 309,000</b>
<b>TOTAL, Phase 1 Planting and Seeding (All Locations)</b>				<b>\$ 1,190,000</b>

<b>Phase 1 Construction Management</b>	<b>\$ 300,000</b>
<b>PHASE 1 TOTAL</b>	<b>\$ 13,725,500</b>

<b>Phase 2a Relocate Wastewater Overflow Infrastructure</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Relocate Wastewater Overflow Infrastructure under adjacent blvd.	\$ 25,000,000	1	Allowance	\$ 25,000,000
<b>Phase 2a Contingency (35%)</b>				<b>\$ 8,750,000</b>
<b>Phase 2a Subtotal</b>				<b>\$ 33,750,000</b>

<b>Phase 2b Levee Breach at Overflow Pond</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Mobilization	\$ 37,000	1	Lump Sum	\$ 37,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Levee Breach	\$ 116,000	1	Lump Sum	\$ 116,000
Container Planting - Plug	\$ 7	1,750	Each	\$ 12,000
Seeding	\$ 5,000	1	Lump Sum	\$ 5,000
Prefab vehicle rated bridge over breach location	\$ 240,000	1	Lump Sum	\$ 240,000
Abutments/footings for Prefab Bridge	\$ 83,000	1	Lump Sum	\$ 83,000
<b>Subtotal, Phase 2b Levee Breach at Overflow Pond</b>				<b>\$ 513,000</b>
<b>Phase 2b Contingency (35%)</b>				<b>\$ 180,000</b>
<b>Phase 2b Subtotal</b>				<b>\$ 693,000</b>

<b>Phase 2 Construction Management</b>	<b>\$ 862,000</b>
<b>PHASE 2 TOTAL</b>	<b>\$ 35,305,000</b>

<b>GRAND TOTAL</b>	<b>\$ 49,031,000</b>
--------------------	----------------------

**Notes and Disclaimers:**

1. This is an "Order of Magnitude" Opinion of Probable Construction Costs, for project planning and conceptual design.
2. For planning purposes ESA has prepared this order of magnitude estimates to inform ongoing project planning. These costs are intended to provide an approximation of total project costs appropriate for the current level of design development, which includes project elements that have been developed to the conceptual (10%) level of design. These estimates are based on ESA's previous experience, Caltrans Bid Records, ENR, Manufacturer's Published Prices, and R.S. Means Online. These cost estimates are considered to be approximately -30% to +50% accurate, and include a 35% contingency to account for project uncertainties (such as revisions during final design phases, permitting restrictions, and bidding climate). These estimates are subject to refinement and revisions as the design is developed in future stages of the project.
3. Please note that in providing opinions of probable construction costs, ESA has no control over the actual costs at the time of construction. The actual cost of construction may be impacted by the availability of construction equipment and crews and fluctuation of supply prices at the time the work is bid. ESA makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bids or actual costs.
4. Estimated costs for Phase 2 are based upon a precedent from Spokane, Washington. Preliminary engineering design would be needed to provide more accurate cost estimates for Phase 2 work.

## Table G2.2

### American Canyon Wetland Restoration Project

#### Reduced Conceptual Design Cost Estimate, with Imported Fill Material (Adverse Mark

Revised 2024-04-18

Prepared By: I Swanson and E Divita

Reviewed by: A Borgonovo Jan. 2024

Mobilization

7.7%

**Main Changes:** North Slough Pond Loop Trail removed from project. Trail surfacing changed from decomposed granite to gravel.

Adjusted items highlighted yellow.

Phase 1 North Slough Pond: Bridge Replacement Only	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 73,000	1	Lump Sum	\$ 73,000
Environmental Protection Fencing	\$ 3.30	1,200	Linear Foot	\$ 4,000
Clear and Grub	\$ 2,200	1	Acre	\$ 3,000
Culverts Removal at Eucalyptus Drive/Bay Trail	\$ 50,000	1	Allowance	\$ 50,000
Demolition of Asphalt - Landfill Access Road	\$ 5	14,000	Square Foot	\$ 70,000
Utility Pole Relocation/ Replacement	\$ 18,000	10	Each	\$ 180,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Import Embankment Fill Material	\$ 125	1,000	CY, Allowance	\$ 125,000
Raised Levee Embankments	\$ 10	1,000	Cubic Yard	\$ 10,000
Erosion Control - Levee Embankments	\$ 12	1,200	Linear Foot	\$ 15,000
H-20 vehicular-rated box culvert at Eucalyptus Drive	\$ 400,000	1	Lump Sum	\$ 400,000
Asphalt Surfacing: Eucalyptus Drive excluding Landfill Parking Lot	\$ 5	12,000	Square Foot	\$ 60,000
North Pond - Misc. Chain Link Fencing - replace ex fencing	\$ 40	200	Linear Foot	\$ 8,000
Misc. Signage	\$ 1,000	1	Lump Sum	\$ 1,000
<b>Subtotal, Phase 1 North Pond: Bridge Replacement Only</b>				<b>\$ 1,019,000</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 357,000</b>
<b>TOTAL, Phase 1 North Pond: Bridge Replacement Only</b>				<b>\$ 1,376,000</b>

Phase 1 North Slough Pond: West Levee Only	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ -	-	Lump Sum	\$ -
Environmental Protection Fencing	\$ 3.30	-	Linear Foot	\$ -
SWPPP Compliance	\$ 6,000	-	Lump Sum	\$ -
Import Embankment Fill Material	\$ 125	-	CY, Allowance	\$ -
Raised Levee Embankments	\$ 10	-	Cubic Yard	\$ -
Erosion Control - Levee Embankments	\$ 12	-	Linear Foot	\$ -
Gravel Surfacing of trails	\$ 8	-	Square Foot	\$ -
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	-	Lump Sum	\$ -
Misc. Signage	\$ 400	-	Lump Sum	\$ -
<b>Subtotal, Phase 1 North Pond: West Levee Only</b>				<b>\$ -</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ -</b>
<b>TOTAL, Phase 1 North Pond: West Levee Only</b>				<b>\$ -</b>

Phase 1 Other North Pond Improvements	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 233,000	1	Lump Sum	\$ 233,000
Environmental Protection Fencing	\$ 3.30	4,500	Linear Foot	\$ 15,000
Clear and Grub	\$ 2,200	11	Acre	\$ 25,000
Demolition of Asphalt - Landfill Access Road	\$ 5	23,567	Square Foot	\$ 118,000
SWPPP Compliance	\$ 14,000	1	Lump Sum	\$ 14,000
Mass Grading: Excavation and Haul - North Pond	\$ 10	100	Cubic Yard	\$ 1,000
Import Embankment Fill Material	\$ 125	12,887	CY, Allowance	\$ 1,611,000
Raised Levee Embankments	\$ 10	12,887	Cubic Yard	\$ 129,000
Erosion Control - Levee Embankments	\$ 12	10,000	Linear Foot	\$ 120,000
Asphalt Surfacing: Eucalyptus Drive excluding Landfill Parking Lot	\$ 5	32,300	Square Foot	\$ 162,000
Gravel Surfacing of trails	\$ 8	84,779	Square Foot	\$ 679,000
North Pond Road Gate	\$ 10,000	2	Ea, Allowance	\$ 20,000
North Pond - Misc. Chain Link Fencing - replace ex fencing	\$ 40	2,300	Linear Foot	\$ 92,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	5	Lump Sum	\$ 15,000
Interpretive Sign	\$ 12,000	1	Each	\$ 12,000
Misc. Signage	\$ 600	2	Lump Sum	\$ 1,200
<b>Subtotal, Phase 1 Other North Pond Improvements</b>				<b>\$ 3,247,200</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 1,137,000</b>
<b>TOTAL, Phase 1 Other North Pond Improvements</b>				<b>\$ 4,384,200</b>

Phase 1 Kayak Launch Only	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 60,000	1	Lump Sum	\$ 60,000
Environmental Protection Fencing	\$ 3.30	1,000	Linear Foot	\$ 4,000
Clear and Grub	\$ 2,200	4	Acre	\$ 9,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Pedestrian Gate	\$ 1,500	1	Each	\$ 1,500
Mid-Point Platform and Elevated Walkway to Kayak Launch	\$ 1,600	165	Linear Foot	\$ 264,000
Kayak Launch: Gangway, Hinge Foundation, Floating Dock, Piles	\$ 450,000	1	Allowance	\$ 450,000
Interpretive Sign	\$ 12,000	1	Each	\$ 12,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	3	Lump Sum	\$ 9,000
Misc. Signage	\$ 1,000	1	Lump Sum	\$ 1,000
<b>Subtotal, Phase 1 Kayak Launch Only</b>				<b>\$ 830,500</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 291,000</b>
<b>TOTAL, Phase 1 Kayak Launch Only</b>				<b>\$ 1,121,500</b>

<b>Phase 1 Other Corporation Yard Enhancements</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Mobilization	\$ 95,000	1	Lump Sum	\$ 95,000
Environmental Protection Fencing	\$ 3.30	5,000	Linear Foot	\$ 17,000
Clear and Grub	\$ 2,200	4	Acre	\$ 9,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Import Embankment Fill Material	\$ 125	3,700	CY, Allowance	\$ 463,000
Raised Levee Embankments - Overflow Pond & Spur Trail	\$ 10	3,700	Cubic Yard	\$ 37,000
Boardwalk across bioswale	\$ 1,200	20	Linear Foot	\$ 24,000
Erosion Control - Levee Embankments	\$ 12	6,500	Linear Foot	\$ 78,000
Concrete Paving for Kayak Laydown Area, Picnic Area	\$ 23	2,500	Square Foot	\$ 60,000
Asphalt Surfacing: Overflow Pond trails, spur trail	\$ 5	28,000	Square Foot	\$ 140,000
Fencing (Wood)	\$ 150	2,000	Linear Foot	\$ 300,000
Pedestrian Gate	\$ 1,500	2	Each	\$ 3,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	10	Lump Sum	\$ 30,000
Mass Grading: Excavation and Haul - Corporation Yard Site Area	\$ 10	3,300	Cubic Yard	\$ 33,000
Interpretive Sign	\$ 12,000	1	Each	\$ 12,000
Misc. Signage	\$ 2,000	1	Lump Sum	\$ 2,000
<b>Subtotal, Phase 1 Other Corporation Yard Enhancements</b>				<b>\$ 1,323,000</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 464,000</b>
<b>TOTAL, Phase 1 Other Corporation Yard Enhancements</b>				<b>\$ 1,787,000</b>

<b>Phase 1 Planting and Seeding (All Locations)</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Mobilization	\$ 63,000	1	Lump Sum	\$ 63,000
Temporary Irrigation System - Corporation Yard site area	\$ 120,000	1	Lump Sum	\$ 120,000
Seeding	\$ 4,000	11	Acre	\$ 44,000
Container Planting - Shrub	\$ 23	1,500	Each	\$ 35,000
Container Planting - Plug	\$ 7	7,000	Each	\$ 46,000
Live Poles	\$ 60	100	Each	\$ 6,000
Maintenance Weed Management	\$ 1,000	30	Acre	\$ 30,000
Year 1 Establishment Maintenance	\$ 6,000	30	Acre	\$ 179,000
Year 2 Establishment Maintenance	\$ 6,000	30	Acre	\$ 179,000
Year 3 Establishment Maintenance	\$ 6,000	30	Acre	\$ 179,000
<b>Subtotal, Phase 1 Planting and Seeding (All Locations)</b>				<b>\$ 881,000</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 309,000</b>
<b>TOTAL, Phase 1 Planting and Seeding (All Locations)</b>				<b>\$ 1,190,000</b>

<b>Phase 1 Construction Management</b>	<b>\$ 300,000</b>
<b>PHASE 1 TOTAL</b>	<b>\$ 10,158,700</b>

<b>Phase 2a Relocate Wastewater Overflow Infrastructure</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Relocate Wastewater Overflow Infrastructure under adjacent blvd.	\$ 25,000,000	1	Allowance	\$ 25,000,000
<b>Phase 2a Contingency (35%)</b>				<b>\$ 8,750,000</b>
<b>Phase 2a Subtotal</b>				<b>\$ 33,750,000</b>

<b>Phase 2b Levee Breach at Overflow Pond</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Mobilization	\$ 37,000	1	Lump Sum	\$ 37,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Levee Breach	\$ 116,000	1	Lump Sum	\$ 116,000
Container Planting - Plug	\$ 7	1,750	Each	\$ 12,000
Seeding	\$ 5,000	1	Lump Sum	\$ 5,000
Prefab vehicle rated bridge over breach location	\$ 240,000	1	Lump Sum	\$ 240,000
Abutments/footings for Prefab Bridge	\$ 83,000	1	Lump Sum	\$ 83,000
<b>Subtotal, Phase 2b Levee Breach at Overflow Pond</b>				<b>\$ 513,000</b>
<b>Phase 2b Contingency (35%)</b>				<b>\$ 180,000</b>
<b>Phase 2b Subtotal</b>				<b>\$ 693,000</b>

<b>Phase 2 Construction Management</b>	<b>\$ 862,000</b>
<b>PHASE 2 TOTAL</b>	<b>\$ 35,305,000</b>

<b>GRAND TOTAL</b>	<b>\$ 45,464,000</b>
--------------------	----------------------

**Notes and Disclaimers:**

1. This is an "Order of Magnitude" Opinion of Probable Construction Costs, for project planning and conceptual design.
2. For planning purposes ESA has prepared this order of magnitude estimates to inform ongoing project planning. These costs are intended to provide an approximation of total project costs appropriate for the current level of design development, which includes project elements that have been developed to the conceptual (10%) level of design. These estimates are based on ESA's previous experience, Caltrans Bid Records, ENR, Manufacturer's Published Prices, and R.S. Means Online. These cost estimates are considered to be approximately -30% to +50% accurate, and include a 35% contingency to account for project uncertainties (such as revisions during final design phases, permitting restrictions, and bidding climate). These estimates are subject to refinement and revisions as the design is developed in future stages of the project.
3. Please note that in providing opinions of probable construction costs, ESA has no control over the actual costs at the time of construction. The actual cost of construction may be impacted by the availability of construction equipment and crews and fluctuation of supply prices at the time the work is bid. ESA makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bids or actual costs.



4. Estimated costs for Phase 2 are based upon a precedent from Spokane, Washington. Preliminary engineering design would be needed to provide more accurate cost estimates for Phase 2 work.

## Table G2.3

### American Canyon Wetland Restoration Project

#### Scenario 3 - Baseline Conceptual Design Cost Estimate w/ Stockpiled Local Fill Mater

Revised 2024-04-18

Prepared By: I Swanson and E Divita

Reviewed by: A Borgonovo Jan. 2024

Mobilization

7.7%

**Main Changes:** Assume imported fill is accumulated over 1-2 years prior to project construction and stockpiled on a 2 acre site near the North Pond. Stockpile site to be seeded after completion of work. Increase Construction Management cost by \$50k to reflect oversight of stockpile area.

Adjusted items highlighted yellow.

Phase 1 North Slough Pond: Bridge Replacement Only	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 65,000	1	Lump Sum	\$ 65,000
Environmental Protection Fencing	\$ 3.30	1,200	Linear Foot	\$ 4,000
Clear and Grub	\$ 2,200	1	Acre	\$ 3,000
Culverts Removal at Eucalyptus Drive/Bay Trail	\$ 50,000	1	Allowance	\$ 50,000
Demolition of Asphalt - Landfill Access Road	\$ 5	14,000	Square Foot	\$ 70,000
Utility Pole Relocation/ Replacement	\$ 18,000	10	Each	\$ 180,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Import Embankment Fill Material	\$ 15	1,000	CY, Allowance	\$ 15,000
Raised Levee Embankments	\$ 10	1,000	Cubic Yard	\$ 10,000
Erosion Control - Levee Embankments	\$ 12	1,200	Linear Foot	\$ 15,000
H-20 vehicular-rated box culvert at Eucalyptus Drive	\$ 400,000	1	Lump Sum	\$ 400,000
Asphalt Surfacing: Eucalyptus Drive excluding Landfill Parking Lot	\$ 5	12,000	Square Foot	\$ 60,000
North Pond - Misc. Chain Link Fencing - replace ex fencing	\$ 40	200	Linear Foot	\$ 8,000
Misc. Signage	\$ 1,000	1	Lump Sum	\$ 1,000
<b>Subtotal, Phase 1 North Pond: Bridge Replacement Only</b>				<b>\$ 901,000</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 316,000</b>
<b>TOTAL, Phase 1 North Pond: Bridge Replacement Only</b>				<b>\$ 1,217,000</b>

Phase 1 North Slough Pond: West Levee Only	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 57,000	1	Lump Sum	\$ 57,000
Environmental Protection Fencing	\$ 3.30	1,600	Linear Foot	\$ 6,000
SWPPP Compliance	\$ 6,000	1	Lump Sum	\$ 6,000
Import Embankment Fill Material	\$ 15	12,513	CY, Allowance	\$ 188,000
Raised Levee Embankments	\$ 10	12,513	Cubic Yard	\$ 126,000
Erosion Control - Levee Embankments	\$ 12	6,500	Linear Foot	\$ 78,000
Decomposed Granite Trail Surfacing	\$ 12	27,130	Square Foot	\$ 326,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	2	Lump Sum	\$ 6,000
Misc. Signage	\$ 400	2	Lump Sum	\$ 800
<b>Subtotal, Phase 1 North Pond: West Levee Only</b>				<b>\$ 793,800</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 278,000</b>
<b>TOTAL, Phase 1 North Pond: West Levee Only</b>				<b>\$ 1,071,800</b>

Phase 1 Other North Pond Improvements	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 150,000	1	Lump Sum	\$ 150,000
Environmental Protection Fencing	\$ 3.30	4,500	Linear Foot	\$ 15,000
Clear and Grub	\$ 2,200	11	Acre	\$ 25,000
Demolition of Asphalt - Landfill Access Road	\$ 5	23,567	Square Foot	\$ 118,000
SWPPP Compliance	\$ 14,000	1	Lump Sum	\$ 14,000
Mass Grading: Excavation and Haul - North Pond	\$ 10	100	Cubic Yard	\$ 1,000
Import Embankment Fill Material	\$ 15	12,887	CY, Allowance	\$ 194,000
Raised Levee Embankments	\$ 10	12,887	Cubic Yard	\$ 129,000
Erosion Control - Levee Embankments	\$ 12	10,000	Linear Foot	\$ 120,000
Asphalt Surfacing: Eucalyptus Drive excluding Landfill Parking Lot	\$ 5	32,300	Square Foot	\$ 162,000
Decomposed Granite Trail Surfacing	\$ 12	84,779	Square Foot	\$ 1,018,000
North Pond Road Gate	\$ 10,000	2	Ea, Allowance	\$ 20,000
North Pond - Misc. Chain Link Fencing - replace ex fencing	\$ 40	2,300	Linear Foot	\$ 92,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	5	Lump Sum	\$ 15,000
Interpretive Sign	\$ 12,000	1	Each	\$ 12,000
Misc. Signage	\$ 600	2	Lump Sum	\$ 1,200
<b>Subtotal, Phase 1 Other North Pond Improvements</b>				<b>\$ 2,086,200</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 731,000</b>
<b>TOTAL, Phase 1 Other North Pond Improvements</b>				<b>\$ 2,817,200</b>

Phase 1 Kayak Launch Only	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 60,000	1	Lump Sum	\$ 60,000
Environmental Protection Fencing	\$ 3.30	1,000	Linear Foot	\$ 4,000
Clear and Grub	\$ 2,200	4	Acre	\$ 9,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Pedestrian Gate	\$ 1,500	1	Each	\$ 1,500
Mid-Point Platform and Elevated Walkway to Kayak Launch	\$ 1,600	165	Linear Foot	\$ 264,000
Kayak Launch: Gangway, Hinge Foundation, Floating Dock, Piles	\$ 450,000	1	Allowance	\$ 450,000
Interpretive Sign	\$ 12,000	1	Each	\$ 12,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	3	Lump Sum	\$ 9,000
Misc. Signage	\$ 1,000	1	Lump Sum	\$ 1,000
<b>Subtotal, Phase 1 Kayak Launch Only</b>				<b>\$ 830,500</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 291,000</b>
<b>TOTAL, Phase 1 Kayak Launch Only</b>				<b>\$ 1,121,500</b>

<b>Phase 1 Other Corporation Yard Enhancements</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Mobilization	\$ 64,000	1	Lump Sum	\$ 64,000
Environmental Protection Fencing	\$ 3.30	5,000	Linear Foot	\$ 17,000
Clear and Grub	\$ 2,200	4	Acre	\$ 9,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Import Embankment Fill Material	\$ 15	3,700	CY, Allowance	\$ 56,000
Raised Levee Embankments - Overflow Pond & Spur Trail	\$ 10	3,700	Cubic Yard	\$ 37,000
Boardwalk across bioswale	\$ 1,200	20	Linear Foot	\$ 24,000
Erosion Control - Levee Embankments	\$ 12	6,500	Linear Foot	\$ 78,000
Concrete Paving for Kayak Laydown Area, Picnic Area	\$ 23	2,500	Square Foot	\$ 60,000
Asphalt Surfacing: Overflow Pond trails, spur trail	\$ 5	28,000	Square Foot	\$ 140,000
Fencing (Wood)	\$ 150	2,000	Linear Foot	\$ 300,000
Pedestrian Gate	\$ 1,500	2	Each	\$ 3,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	10	Lump Sum	\$ 30,000
Mass Grading: Excavation and Haul - Corporation Yard Site Area	\$ 10	3,300	Cubic Yard	\$ 33,000
Interpretive Sign	\$ 12,000	1	Each	\$ 12,000
Misc. Signage	\$ 2,000	1	Lump Sum	\$ 2,000
<b>Subtotal, Phase 1 Other Corporation Yard Enhancements</b>				<b>\$ 885,000</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 310,000</b>
<b>TOTAL, Phase 1 Other Corporation Yard Enhancements</b>				<b>\$ 1,195,000</b>

<b>Phase 1 Planting and Seeding (All Locations)</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Mobilization	\$ 63,000	1	Lump Sum	\$ 63,000
Temporary Irrigation System - Corporation Yard site area	\$ 120,000	1	Lump Sum	\$ 120,000
Seeding	\$ 4,000	11	Acre	\$ 44,000
Container Planting - Shrub	\$ 23	1,500	Each	\$ 35,000
Container Planting - Plug	\$ 7	7,000	Each	\$ 46,000
Live Poles	\$ 60	100	Each	\$ 6,000
Maintenance Weed Management	\$ 1,000	30	Acre	\$ 30,000
Year 1 Establishment Maintenance	\$ 6,000	30	Acre	\$ 179,000
Year 2 Establishment Maintenance	\$ 6,000	30	Acre	\$ 179,000
Year 3 Establishment Maintenance	\$ 6,000	30	Acre	\$ 179,000
<b>Subtotal, Phase 1 Planting and Seeding (All Locations)</b>				<b>\$ 881,000</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 309,000</b>
<b>TOTAL, Phase 1 Planting and Seeding (All Locations)</b>				<b>\$ 1,190,000</b>

<b>Phase 1 Construction Management</b>	<b>\$ 350,000</b>
<b>PHASE 1 TOTAL</b>	<b>\$ 8,962,500</b>

<b>Phase 2a Relocate Wastewater Overflow Infrastructure</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Relocate Wastewater Overflow Infrastructure under adjacent blvd.	\$ 25,000,000	1	Allowance	\$ 25,000,000
<b>Phase 2a Contingency (35%)</b>				<b>\$ 8,750,000</b>
<b>Phase 2a Subtotal</b>				<b>\$ 33,750,000</b>

<b>Phase 2b Levee Breach at Overflow Pond</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Mobilization	\$ 37,000	1	Lump Sum	\$ 37,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Levee Breach	\$ 116,000	1	Lump Sum	\$ 116,000
Container Planting - Plug	\$ 7	1,750	Each	\$ 12,000
Seeding	\$ 5,000	1	Lump Sum	\$ 5,000
Prefab vehicle rated bridge over breach location	\$ 240,000	1	Lump Sum	\$ 240,000
Abutments/footings for Prefab Bridge	\$ 83,000	1	Lump Sum	\$ 83,000
<b>Subtotal, Phase 2b Levee Breach at Overflow Pond</b>				<b>\$ 513,000</b>
<b>Phase 2b Contingency (35%)</b>				<b>\$ 180,000</b>
<b>Phase 2b Subtotal</b>				<b>\$ 693,000</b>

<b>Phase 2 Construction Management</b>	<b>\$ 862,000</b>
<b>PHASE 2 TOTAL</b>	<b>\$ 35,305,000</b>

<b>GRAND TOTAL</b>	<b>\$ 44,268,000</b>
--------------------	----------------------

**Notes and Disclaimers:**

1. This is an "Order of Magnitude" Opinion of Probable Construction Costs, for project planning and conceptual design.
2. For planning purposes ESA has prepared this order of magnitude estimates to inform ongoing project planning. These costs are intended to provide an approximation of total project costs appropriate for the current level of design development, which includes project elements that have been developed to the conceptual (10%) level of design. These estimates are based on ESA's previous experience, Caltrans Bid Records, ENR, Manufacturer's Published Prices, and R.S. Means Online. These cost estimates are considered to be approximately -30% to +50% accurate, and include a 35% contingency to account for project uncertainties (such as revisions during final design phases, permitting restrictions, and bidding climate). These estimates are subject to refinement and revisions as the design is developed in future stages of the project.
3. Please note that in providing opinions of probable construction costs, ESA has no control over the actual costs at the time of construction. The actual cost of construction may be impacted by the availability of construction equipment and crews and fluctuation of supply prices at the time the work is bid. ESA makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bids or actual costs.
4. Estimated costs for Phase 2 are based upon a precedent from Spokane, Washington. Preliminary engineering design would be needed to provide more accurate cost estimates for Phase 2 work.

## Table G2.4

### American Canyon Wetland Restoration Project

#### Scenario 4 - Reduced Conceptual Design Cost Estimate w/ Stockpiled Local Fill Material

Revised 2024-04-18

Prepared By: I Swanson and E Divita

Reviewed by: A Borgonovo Jan. 2024

Mobilization

7.7%

**Main Changes:** North Slough Pond Loop Trail removed from project. Trail surfacing changed from decomposed granite to gravel. Assume imported fill is accumulated over 1-2 years prior to project construction and stockpiled on a 2 acre site near the North Pond. Stockpile site to be seeded after completion of work. Increase Construction Management cost by \$50k to reflect oversight of stockpile area.

Adjusted items highlighted yellow.

Phase 1 North Slough Pond: Bridge Replacement Only	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 65,000	1	Lump Sum	\$ 65,000
Environmental Protection Fencing	\$ 3.30	1,200	Linear Foot	\$ 4,000
Clear and Grub	\$ 2,200	1	Acre	\$ 3,000
Culverts Removal at Eucalyptus Drive/Bay Trail	\$ 50,000	1	Allowance	\$ 50,000
Demolition of Asphalt - Landfill Access Road	\$ 5	14,000	Square Foot	\$ 70,000
Utility Pole Relocation/ Replacement	\$ 18,000	10	Each	\$ 180,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Import Embankment Fill Material	\$ 15	1,000	CY, Allowance	\$ 15,000
Raised Levee Embankments	\$ 10	1,000	Cubic Yard	\$ 10,000
Erosion Control - Levee Embankments	\$ 12	1,200	Linear Foot	\$ 15,000
H-20 vehicular-rated box culvert at Eucalyptus Drive	\$ 400,000	1	Lump Sum	\$ 400,000
Asphalt Surfacing: Eucalyptus Drive excluding Landfill Parking Lot	\$ 5	12,000	Square Foot	\$ 60,000
North Pond - Misc. Chain Link Fencing - replace ex fencing	\$ 40	200	Linear Foot	\$ 8,000
Misc. Signage	\$ 1,000	1	Lump Sum	\$ 1,000
<b>Subtotal, Phase 1 North Pond: Bridge Replacement Only</b>				<b>\$ 901,000</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 316,000</b>
<b>TOTAL, Phase 1 North Pond: Bridge Replacement Only</b>				<b>\$ 1,217,000</b>

Phase 1 North Slough Pond: West Levee Only	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ -	-	Lump Sum	\$ -
Environmental Protection Fencing	\$ 3.30	-	Linear Foot	\$ -
SWPPP Compliance	\$ 6,000	-	Lump Sum	\$ -
Import Embankment Fill Material	\$ 15	-	CY, Allowance	\$ -
Raised Levee Embankments	\$ 10	-	Cubic Yard	\$ -
Erosion Control - Levee Embankments	\$ 12	-	Linear Foot	\$ -
Gravel Surfacing of trails	\$ 8	-	Square Foot	\$ -
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	-	Lump Sum	\$ -
Misc. Signage	\$ 400	-	Lump Sum	\$ -
<b>Subtotal, Phase 1 North Pond: West Levee Only</b>				<b>\$ -</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ -</b>
<b>TOTAL, Phase 1 North Pond: West Levee Only</b>				<b>\$ -</b>

Phase 1 Other North Pond Improvements	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 123,000	1	Lump Sum	\$ 123,000
Environmental Protection Fencing	\$ 3.30	4,500	Linear Foot	\$ 15,000
Clear and Grub	\$ 2,200	11	Acre	\$ 25,000
Demolition of Asphalt - Landfill Access Road	\$ 5	23,567	Square Foot	\$ 118,000
SWPPP Compliance	\$ 14,000	1	Lump Sum	\$ 14,000
Mass Grading: Excavation and Haul - North Pond	\$ 10	100	Cubic Yard	\$ 1,000
Import Embankment Fill Material	\$ 15	12,887	CY, Allowance	\$ 194,000
Raised Levee Embankments	\$ 10	12,887	Cubic Yard	\$ 129,000
Erosion Control - Levee Embankments	\$ 12	10,000	Linear Foot	\$ 120,000
Asphalt Surfacing: Eucalyptus Drive excluding Landfill Parking Lot	\$ 5	32,300	Square Foot	\$ 162,000
Gravel Surfacing of trails	\$ 8	84,779	Square Foot	\$ 679,000
North Pond Road Gate	\$ 10,000	2	Ea, Allowance	\$ 20,000
North Pond - Misc. Chain Link Fencing - replace ex fencing	\$ 40	2,300	Linear Foot	\$ 92,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	5	Lump Sum	\$ 15,000
Interpretive Sign	\$ 12,000	1	Each	\$ 12,000
Misc. Signage	\$ 600	2	Lump Sum	\$ 1,200
<b>Subtotal, Phase 1 Other North Pond Improvements</b>				<b>\$ 1,720,200</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 603,000</b>
<b>TOTAL, Phase 1 Other North Pond Improvements</b>				<b>\$ 2,323,200</b>

Phase 1 Kayak Launch Only	Unit Cost	Quantity	Unit	Total Cost
Mobilization	\$ 60,000	1	Lump Sum	\$ 60,000
Environmental Protection Fencing	\$ 3.30	1,000	Linear Foot	\$ 4,000
Clear and Grub	\$ 2,200	4	Acre	\$ 9,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Pedestrian Gate	\$ 1,500	1	Each	\$ 1,500
Mid-Point Platform and Elevated Walkway to Kayak Launch	\$ 1,600	165	Linear Foot	\$ 264,000
Kayak Launch: Gangway, Hinge Foundation, Floating Dock, Piles	\$ 450,000	1	Allowance	\$ 450,000
Interpretive Sign	\$ 12,000	1	Each	\$ 12,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	3	Lump Sum	\$ 9,000
Misc. Signage	\$ 1,000	1	Lump Sum	\$ 1,000
<b>Subtotal, Phase 1 Kayak Launch Only</b>				<b>\$ 830,500</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 291,000</b>

<b>TOTAL, Phase 1 Kayak Launch Only</b>	<b>\$ 1,121,500</b>
---	---------------------

<b>Phase 1 Other Corporation Yard Enhancements</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Mobilization	\$ 64,000	1	Lump Sum	\$ 64,000
Environmental Protection Fencing	\$ 3.30	5,000	Linear Foot	\$ 17,000
Clear and Grub	\$ 2,200	4	Acre	\$ 9,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Import Embankment Fill Material	\$ 15	3,700	CY, Allowance	\$ 56,000
Raised Levee Embankments - Overflow Pond & Spur Trail	\$ 10	3,700	Cubic Yard	\$ 37,000
Boardwalk across bioswale	\$ 1,200	20	Linear Foot	\$ 24,000
Erosion Control - Levee Embankments	\$ 12	6,500	Linear Foot	\$ 78,000
Concrete Paving for Kayak Laydown Area, Picnic Area	\$ 23	2,500	Square Foot	\$ 60,000
Asphalt Surfacing: Overflow Pond trails, spur trail	\$ 5	28,000	Square Foot	\$ 140,000
Fencing (Wood)	\$ 150	2,000	Linear Foot	\$ 300,000
Pedestrian Gate	\$ 1,500	2	Each	\$ 3,000
Site Furniture: Bench, Picnic Table, Trash Receptacle, Bike Rack	\$ 3,000	10	Lump Sum	\$ 30,000
Mass Grading: Excavation and Haul - Corporation Yard Site Area	\$ 10	3,300	Cubic Yard	\$ 33,000
Interpretive Sign	\$ 12,000	1	Each	\$ 12,000
Misc. Signage	\$ 2,000	1	Lump Sum	\$ 2,000
<b>Subtotal, Phase 1 Other Corporation Yard Enhancements</b>				<b>\$ 885,000</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 310,000</b>
<b>TOTAL, Phase 1 Other Corporation Yard Enhancements</b>				<b>\$ 1,195,000</b>

<b>Phase 1 Planting and Seeding (All Locations)</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Mobilization	\$ 63,000	1	Lump Sum	\$ 63,000
Temporary Irrigation System - Corporation Yard site area	\$ 120,000	1	Lump Sum	\$ 120,000
Seeding	\$ 4,000	11	Acre	\$ 44,000
Container Planting - Shrub	\$ 23	1,500	Each	\$ 35,000
Container Planting - Plug	\$ 7	7,000	Each	\$ 46,000
Live Poles	\$ 60	100	Each	\$ 6,000
Maintenance Weed Management	\$ 1,000	30	Acre	\$ 30,000
Year 1 Establishment Maintenance	\$ 6,000	30	Acre	\$ 179,000
Year 2 Establishment Maintenance	\$ 6,000	30	Acre	\$ 179,000
Year 3 Establishment Maintenance	\$ 6,000	30	Acre	\$ 179,000
<b>Subtotal, Phase 1 Planting and Seeding (All Locations)</b>				<b>\$ 881,000</b>
<b>Phase 1 Contingency (35%)</b>				<b>\$ 309,000</b>
<b>TOTAL, Phase 1 Planting and Seeding (All Locations)</b>				<b>\$ 1,190,000</b>

<b>Phase 1 Construction Management</b>	<b>\$ 350,000</b>
<b>PHASE 1 TOTAL</b>	<b>\$ 7,396,700</b>

<b>Phase 2a Relocate Wastewater Overflow Infrastructure</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Relocate Wastewater Overflow Infrastructure under adjacent blvd.	\$ 25,000,000	1	Allowance	\$ 25,000,000
<b>Phase 2a Contingency (35%)</b>				<b>\$ 8,750,000</b>
<b>Phase 2a Subtotal</b>				<b>\$ 33,750,000</b>

<b>Phase 2b Levee Breach at Overflow Pond</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Unit</b>	<b>Total Cost</b>
Mobilization	\$ 37,000	1	Lump Sum	\$ 37,000
SWPPP Compliance	\$ 20,000	1	Lump Sum	\$ 20,000
Levee Breach	\$ 116,000	1	Lump Sum	\$ 116,000
Container Planting - Plug	\$ 7	1,750	Each	\$ 12,000
Seeding	\$ 5,000	1	Lump Sum	\$ 5,000
Prefab vehicle rated bridge over breach location	\$ 240,000	1	Lump Sum	\$ 240,000
Abutments/footings for Prefab Bridge	\$ 83,000	1	Lump Sum	\$ 83,000
<b>Subtotal, Phase 2b Levee Breach at Overflow Pond</b>				<b>\$ 513,000</b>
<b>Phase 2b Contingency (35%)</b>				<b>\$ 180,000</b>
<b>Phase 2b Subtotal</b>				<b>\$ 693,000</b>

<b>Phase 2 Construction Management</b>	<b>\$ 862,000</b>
<b>PHASE 2 TOTAL</b>	<b>\$ 35,305,000</b>

<b>GRAND TOTAL</b>	<b>\$ 42,702,000</b>
--------------------	----------------------

**Notes and Disclaimers:**

1. This is an "Order of Magnitude" Opinion of Probable Construction Costs, for project planning and conceptual design.
2. For planning purposes ESA has prepared this order of magnitude estimates to inform ongoing project planning. These costs are intended to provide an approximation of total project costs appropriate for the current level of design development, which includes project elements that have been developed to the conceptual (10%) level of design. These estimates are based on ESA's previous experience, Caltrans Bid Records, ENR, Manufacturer's Published Prices, and R.S. Means Online. These cost estimates are considered to be approximately -30% to +50% accurate, and include a 35% contingency to account for project uncertainties (such as revisions during final design phases, permitting restrictions, and bidding climate). These estimates are subject to refinement and revisions as the design is developed in future stages of the project.
3. Please note that in providing opinions of probable construction costs, ESA has no control over the actual costs at the time of construction. The actual cost of construction may be impacted by the availability of construction equipment and crews and fluctuation of supply prices at the time the work is bid. ESA makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bids or actual costs.



4. Estimated costs for Phase 2 are based upon a precedent from Spokane, Washington. Preliminary engineering design would be needed to provide more accurate cost estimates for Phase 2 work.



Appendix H  
**Monitoring and Maintenance  
Plan**



# AMERICAN CANYON WETLAND PROJECT

## Monitoring and Adaptive Management Plan

Prepared for  
City of American Canyon

April 2024





# AMERICAN CANYON WETLAND PROJECT

## Monitoring and Adaptive Management Plan

Prepared for  
City of American Canyon

April 2024

1425 N. McDowell Boulevard  
Suite 200  
Petaluma, CA 94954-6531  
707.795.0900  
esassoc.com



Atlanta	Orlando	San Diego
Bend	Palm Beach County	San Francisco
Camarillo	Pasadena	San Jose
Irvine	Pensacola	Sarasota
Los Angeles	Petaluma	Seattle
Mobile	Portland	Tampa
Oakland	Sacramento	

D202101145.00

---

# TABLE OF CONTENTS

## Monitoring and Adaptive Management Plan

	<u>Page</u>
<b>1. Introduction</b> .....	<b>1</b>
Purpose.....	1
Project Summary .....	1
Project Goals and Objectives.....	5
Responsible Parties .....	5
Monitoring Personnel .....	6
<b>2. Success Criteria</b> .....	<b>7</b>
Hydrology.....	8
Vegetation.....	9
<b>3. Monitoring Methods</b> .....	<b>11</b>
Pre-Project Conditions .....	11
As-Built Conditions.....	11
Monitoring .....	11
<b>4. Reporting</b> .....	<b>20</b>
<b>5. Maintenance and Adaptive Management</b> .....	<b>21</b>
Adaptive Management .....	21
Routine Maintenance Activities .....	22

### List of Figures

Figure 1: Project Location and Existing Conditions .....	3
Figure 2a: Potential Monitoring Locations – North Slough .....	15
Figure 2b: Potential Monitoring Locations – Corporation Yard.....	16
Figure 3: Potential Photo Point Locations .....	18

### List of Tables

Table 1 Summary of Performance Metrics .....	8
Table 2 Monitoring Summary.....	12
Table 3 Summary of Example Adaptive Management Actions Based on Monitoring Parameter .....	23



# 1. INTRODUCTION

---

## Purpose

This Monitoring and Adaptive Management Plan (MAMP) for the American Canyon Wetland Restoration and Public Access Plan (Project) describes monitoring actions that will be conducted to evaluate progress toward desired outcomes and ongoing and long-term management actions to ensure sustainable outcomes. Monitoring will serve multiple purposes:

- Measure physical outputs and ecological outcomes to track progress toward Project objectives (effectiveness monitoring) as reflected in Project's success criteria.
- Meet regulatory requirements for evaluating and documenting performance<sup>1</sup>.
- Inform understanding of causes and formulation of corrective actions if success criteria are not met. Monitoring results will be used to reduce uncertainties and improve management and future planning (adaptive management).

Monitoring will document conditions and improve understanding of how restoration actions can lead to support for target ecosystems and functions. This MAMP is a living document that may be amended from time to time to address changing conditions and new monitoring techniques and technologies.

In addition to monitoring and management actions, the MAMP identifies Project success criteria, triggers for adaptive management actions, responsible parties for execution of this plan and reporting requirements.

## Project Summary

The City of American Canyon (the City) is located in southern Napa County, east of the Napa River. Between the Napa River and residential development of the City are the American Canyon Wetlands, which provide natural aesthetic value, flood protection, and numerous ecosystem services that benefit the local community. A popularly used segment of the San Francisco Bay Trail is located along Wetlands Edge Road and Eucalyptus Drive and connects the community to the wetland ecosystem while allowing opportunity for recreation and education (Figure 1).

With increasing sea levels and storm events, portions of the Bay Trail are being overtopped during extreme high tide/wave events, resulting in erosion along the trail margins. Additionally, the two existing culverts under the Bay Trail on Eucalyptus Drive are undersized, which creates scour, safety hazards, and reduced water and habitat quality in North Slough Pond. There are also

---

<sup>1</sup> Note, this document is anticipated to serve as the basis for monitoring that will be required in the final project permits; however, this plan may need to be modified to conform with permit conditions once they are issued.

---

limited locations where the public can access the water and the marsh directly for in-water recreation and education. The City of American Canyon applied for Measure AA grant funding to develop the American Canyon Wetlands Restoration and Public Access Plan to address these issues. This Monitoring and Management Plan is to accompany the Restoration Plan and serve as a guide for project monitoring and management post-construction.







*Page Left Intentionally Blank to Facilitate Printing*

## Project Goals and Objectives

The Project goal is:

To restore and enhance a mix of wetland habitats and to provide nature-oriented public access, recreation, and educational opportunities along the North Slough and lower Napa River at the City of American Canyon.

Project objectives are to:

- Restore or enhance wetland and associated upland habitats to:
  - Support increased abundance and diversity of native species in various Napa River wetlands aquatic and terrestrial ecosystems.
  - Benefit special status species that rely on the Napa River wetlands.
  - Maintain or increase habitat connectivity within wetlands and between wetlands and uplands to support species migration, refugia, and climate resiliency.
- Increase public access and recreational opportunities compatible with wildlife and habitat goals.
- Support the development of an educational facility that serves the community and fosters environmental stewardship.
- Increase the resilience of habitats and public access to sea level rise and flooding.
- Reduce long-term maintenance obligations.

The Project must also be feasible to fund, permit, and construct. Funding feasibility includes implementation and long-term maintenance activities.

## Responsible Parties

The Project is being undertaken by the City of American Canyon (City), and the City will be the applicant for required permits.

After construction is complete, the City will submit required reports and retain responsibility for management and maintenance activities described in this plan related to tidal wetlands, marsh-upland transition zone areas, and public access components. Management responsibilities will include:

- Executing the management, monitoring, maintenance, and reporting responsibilities as described in this Plan, including data collection, storage, and transmittal.
- Performing site visits to confirm restored habitat values are protected and maintained.
- Analyzing portions of the monitoring data resulting from the monitoring activities and implementing any remedial or adaptive management actions as required by Project permits.
- Filing reports (annual or as required by regulatory permit and grant conditions) describing the status and evolution of the restored habitats, general plant and tidal area health, presence and abundance of invasive flora and fauna, hydrologic conditions, wildlife utilization, and other

---

management, maintenance, monitoring and reporting activities that have a bearing on successfully meeting regulatory permit requirements.

## Monitoring Personnel

The City will retain qualified personnel as necessary to conduct monitoring as described in this Plan. Monitoring personnel may include City staff, consultants, or volunteers supporting the project.

Duties of the monitoring personnel may include, but are not limited to:

- Monitoring erosion and slope stability.
- Assessing revegetation of areas that were disturbed as part of the Project.
- Identifying and evaluating the presence of invasive species and developing management recommendations.
- Conducting surveys that are required by this Plan and/or the biological opinion(s)/permits.
- Evaluating site conditions and recommending remedial actions or adaptive management actions to the City.
- Assisting in the review or planning of any additional restoration actions following initial construction.
- Preparing monitoring reports associated with each monitoring year as required by Project permits.

Certain activities might require specific qualifications, certifications, or other agency approvals. These requirements will be defined in the project permits.

---

## 2. SUCCESS CRITERIA

---

The success criteria identified below will provide a basis for determining the need for remedial (corrective) measures and adaptive management. Variable environmental conditions beyond the control of the Project, such as extreme weather patterns, trespassers, and vandalism, may contribute to one or more of the success criteria not being attained in a specific year, but will not necessarily imply that the restoration has failed. The ecological features included in the Project are designed to be successful and eventually self-sustaining under a normal range of interannual variability in weather. The entire set of monitoring results will provide a basis for discussion with regulatory agencies as to whether remedial actions are warranted. Despite failure to attain one or more specific annual performance metrics, monitoring results may suggest that the restoration areas are developing properly, and that no remedial intervention is warranted. Most importantly the success criteria are intended to be used and interpreted based on the experience and judgment of the personnel monitoring the Project site as well as the professional judgement of regulatory agency staff.

The success criteria by which the Project will be evaluated are summarized in **Table 1** and described in further detail below. If select performance metrics are not being met in Year 5, monitoring for these metrics will continue in Year 7. If performance metrics are not met in Year 7, monitoring will continue in Year 10. If this is necessary, Year 5 success criteria will be applied to Years 7 and 10.



**TABLE 1  
SUMMARY OF PERFORMANCE METRICS**

Monitoring Metric	Success Criterion	As-Built	Year 1	Year 3	Year 5
<b>Hydrology</b>					
Tide Range in North Pond	MHHW & MLLW in North Pond within +/-0.25ft of MHHW & MLLW on Napa River or ACW Main Channel	-	Yes	-	Yes <sup>1</sup>
Velocities at New Culvert/Bridge	Surface velocity <6 ft/sec at new culvert/bridge	Yes	Yes	Yes	Yes
Erosion near New Culvert/Bridge	No visible indications of progressive bank erosion or scour within 150ft of new culvert/bridge	-	Yes	Yes	Yes
<b>Vegetation</b>					
% Total Cover <sup>2</sup>	Tidal Marsh (~ 0-7 ft elevation NAVD <sup>3</sup> )	NA	10	30	50
	Ecotone Transition Zone (~7-9 ft elevation NAVD)		25	50	70
	Upland (greater than ~9 ft elevation NAVD)		25	50	70
	Invasive plants <sup>4</sup>		<10	<10	<10
% Survival Plantings	Upland Woody Plantings	As-built mapping	80%	-	-

NOTES:

1. Monitoring will occur in Year 5 if not satisfied in Year 1
2. Vegetative cover will consist of native species included in the seed mix or planting pallet for each habitat type, in addition to other naturally recruited native/non-native/naturalized species regionally associated with the habitat type being monitored. Vegetative cover will be monitored in those areas disturbed or revegetated as part of the Project.
3. All elevations presented in this document if not otherwise specified use the NAVD 88 vertical datum. Elevations for the purposes of habitat transitions are considered approximate. Monitors should use judgment in determining the transition between habitat types based on observations of onsite hydrology, vegetation, and soil characteristics.
4. Invasive species target is less than 10% for each habitat zone areas separately. Invasive species are defined as those classified as by the California Invasive Plant Council (Cal-IPC) as Moderately or Highly Invasive.

## Hydrology

Following completion of the Project, full tidal exchange will be achieved in the restored tidal marshes of North Slough Pond, with tide ranges comparable to the existing tidal marshes in the American Canyon Wetlands complex and nearby Napa River. The design of the restored marsh area, including the improved bridge or culvert connection at Eucalyptus Drive, is intended to greatly reduce velocities in the channels near the Eucalyptus Drive channel crossing, and to increase the typical tide range in North Slough Pond.

The following performance criteria are proposed:

- Estimated MHHW and MLLW tidal datum elevations within the North Pond are within +/- 0.25 ft of the MHHW and MLLW elevations on the Napa River and/or in North Slough south of the Bay Trail crossing.

- 
- Average surface water velocities through the new Culvert/Bridge should not exceed 6ft per second during typical rising or falling tides.
  - There should be no visual indications of new scour or erosion due to high velocity flows along the channel bank within 150 feet of the improved bridge/culvert structure.

The tidal datum monitoring will occur in Years 1 and 3. If the tidal datum criterion is met for both years then no additional tidal datums monitoring will be required.

The velocity measurements will occur in Year 0, and the velocity and scour monitoring will be performed in Years 1, 3, and 5. If any of the hydrology success criteria are not met in Year 5, monitoring will be extended and performed in Year 7 for those criteria.

## Vegetation

The Project will restore native wetland, transitional, and upland habitats across the Project site that will provide valuable ecosystem functions including habitat for sensitive species. Desired native plant species will populate the restoration site through seeding, planting, and natural recruitment.

## Vegetation Establishment

Monitoring personnel will conduct site surveys to document survival of upland restoration plantings in Year 1 and vegetative cover in Years 1, 3, and 5 in all areas disturbed and restored as part of the Project. Monitoring personnel will also document qualitative observations about vegetation health and vigor to inform the qualitative assessment of the three habitat types: tidal marsh, transition zone, and upland.

Annual success criteria for vegetative survival and percent cover for each target habitat are presented in Table 1. Percent cover goals are for seeded/planted species and any other naturally recruited native/non-native/naturalized species regionally associated with the habitat type being monitored. Boundaries between habitat types are anticipated to shift due to weather patterns (variable year to year), possible settlement or erosion/sedimentation, unanticipated site conditions, and eventually sea level rise. Vegetation distribution and species composition may vary year to year and across habitat “edges”. Margins of habitat type should be determined during the surveys. Shifts in habitat margins from year to year should not necessarily be construed as indications of success or failure.

Only those areas which are disturbed as part of the Project, will be monitored and subject to the success criteria shown in Table 1. This includes any berm margins where trail raising has resulted in marsh disturbance, the restored tidal marsh areas near the Corp Yard and kayak launch, and any restored habitat associated with the culvert replacement at the North Pond.

Personnel performing vegetation monitoring should consider site conditions and anticipated natural variations and trajectories and apply their judgement in determining the relative success for each habitat type during each monitoring year. If the site is not meeting its vegetation success

---

criteria in Year 5 then the agencies will be consulted to determine whether adaptive management is needed. Consultation will include phone or email notification and if necessary, one meeting to discuss vegetation results and recommendations.

**Tidal Wetlands:** Active wetland restoration will occur at the margins of North Slough in association with the culvert repairs and at restored areas by the kayak launch and near the Corporation Yard. Tidal wetlands are expected to occur generally below 7-foot elevation. There may additionally be minor restoration along the margin of berms where disturbance occurred because of raising elevations for sea level rise protection. These restored wetlands are anticipated to be mostly barren post-construction and are therefore anticipated to have low vegetative cover in Year 1.

**Ecotone / Marsh-Upland Transitional Habitat:** Ecotone or transition habitats would be constructed along modified berms and in the Corporation Yard restoration area. Transition zone habitats are anticipated to occur between 7 to 9 feet in elevation. Transition zone habitats will support a mix of native high marsh, native perennial grassland, and native scrub species as well as ruderal species (for example non-native annual grasses). Total cover by native vegetation is expected to progressively increase during the first five years following construction.

**Upland Habitat:** Upland habitat would occur at locations where there are project disturbances at elevations greater than 9 feet. This primarily consists of berm margins and along the Corporation Overflow Pond where recreational amenities are proposed. Cover would only be monitored in those areas that are not developed for recreational use. Shrubs and trees are proposed for planting in the uplands, particularly in the recreational areas, for aesthetic purposes. Survival of these species would be monitored in Year 1. Subsequently, success criteria will be based on percent cover.

## Invasive Plants

In disturbed sites, particularly in the transitional and upland habitats, there is a potential for rapid colonization by ruderal plants, some of which are acceptable with respect to project goals (e.g. most non-native grasses), and some of which are not (e.g. highly invasive grasses, forbs, shrubs, and trees). Control of plants that have potential to become highly invasive at the site (high priority weeds), which may include plants rated as High or Moderate by Cal-IPC, will be implemented.

High priority weeds include perennial pepperweed (*Lepidium latifolium*), stinkwort (*Dittrichia graveolens*), salsola (*Salsola* spp.) and other species that will be identified by monitoring personnel prior to and during monitoring events. High priority weeds will be monitored twice a year, or as needed, throughout the 5-year monitoring period for vegetation. The acceptable cover of high priority weeds will be less than 10% within the restoration work limit which will be recorded in the monitoring reports in Years 1, 3, and 5. If weed management is restricted in areas due to active rail nests or other sensitive habitats, these areas will not be considered as part of the <10% cover requirement for invasive target weeds.

## 3. MONITORING METHODS

---

### Pre-Project Conditions

Pre-project conditions are documented in the North Slough Trail Resilience and Habitat Restoration Feasibility Study (ESA 2023a), Corporation Yard Feasibility Study (ESA 2023b), and Recreational Facility Study (ESA 2023c). The documents provide information on hydrology, wetland and upland habitat types, and public access existing prior to project construction.

### As-Built Conditions

A topographic survey of the restoration site will be acquired immediately following the completion of construction to document as-built ground elevations. The surveyor will apply appropriate survey methods to characterize site conditions, and may use ground based and/or aerial survey techniques. The as-built conditions will identify the quantity and approximate location (can be summarized for a habitat type) of all woody upland plantings.

### Monitoring

**Table 2** provides a summary of the monitoring activities and schedule planned for the Project site. The monitoring schedule described will be adjustable based upon implementation of adaptive management measures. **Figures 2a and 2b** show preliminary monitoring locations.

**TABLE 2  
MONITORING SUMMARY**

Metric	Monitoring Parameter	Methods/Equipment	Monitoring Years
<b>Hydrology</b>			
Tide Range in North Pond	MHHW and MLLW tidal datums	2x temporary tide gages.	Years 1 and 5
Velocities at New Culvert/Bridge	Surface velocity through new bridge/culvert	Stopwatch, tape measure, and floating biological material	Years 0, 1, 3, 5
Erosion near New Culvert/Bridge	Qualitative assessment	Visual inspection, camera	Years 1, 3, 5
<b>Vegetation</b>			
Vegetation establishment	Woody plant survival	Count	Year 1 <sup>2</sup>
Vegetation establishment <sup>1</sup>	Vegetative cover	Vegetation transects/ measuring tape	Years 1, 3 and 5 <sup>3</sup>
Invasive plants <sup>1</sup>	Invasive plant cover	Visual survey and vegetation transects/ measuring tape	Years 1, 3, and 5 <sup>3</sup>
Overall Condition	Photo documentation	Camera	Pre-project, Years 1, 3, 5, and 10 <sup>2</sup>

NOTE:

- 1 Monitoring will occur September-February, to avoid rail breeding season. Monitoring should be conducted within approximately the same 4 week period each year in order to reduce the potential for seasonal variation that could affect year to year trends.
- 2 If the Year 1 woody plant survival criterion is not met in Year 1, replanting will occur and monitoring will occur annually until the criterion is met or Year 3, whichever is earlier. If after Year 3, if the success criterion is still not met, the planting palette will be reconsidered and may be revised.
- 3 If the Year 5 vegetation success criteria are not met, monitoring will also be completed in Year 7 to see if the Year 5 success criteria are met. If the criteria are not met again in Year 7 then vegetation monitoring will be performed again in Year 10.

## Hydrology

### Tidal Datums

Tidal datums will be calculated based on a minimum of 30 days of tide gauge data. The monitoring effort will include installation of two tide gauges during each monitoring year, including one in the North Pond, and one in either the Main Channel in the ACW, or on the Napa River. The gauges will be installed during spring, summer or fall months when the tide elevations are not significantly influenced by river flows or local precipitation runoff.

MHHW and MLLW tidal datums will be calculated based on established methods, such those presented in NOAA’s “Computational Techniques for Tidal Datums Handbook”<sup>2</sup>.

### Velocities

Tidal current velocities in and near the new culvert/bridge will be monitoring based on both qualitative observations and approximate quantified estimates.

<sup>2</sup> Available at:  
[https://tidesandcurrents.noaa.gov/publications/Computational\\_Techniques\\_for\\_Tidal\\_Datums\\_handbook.pdf](https://tidesandcurrents.noaa.gov/publications/Computational_Techniques_for_Tidal_Datums_handbook.pdf)



---

The monitors will perform a visual inspection of flow patterns at the new bridge/culvert during both a falling and a rising tide. The monitors will document indications of high velocity, concentrated flow that might contribute to local erosion or create unsafe conditions.

The monitors will estimate surface velocities by visually tracking the movement of floating biological material (sticks, leaves, etc.) being carried along the water's surface. The monitors will use a measuring tape to determine the distance between two locations where floating material can be easily observed on the water's surface. The monitors will then use a stopwatch to measure the time it takes for floating material to pass from the first location to the second. Average surface velocity will be calculated by dividing the distance between locations by the time elapsed for the debris to travel between those locations. The monitors will perform this measurement a minimum of five times to account for variations in flow paths for individual objects, and will report the average of the several measurements.

## **Scour and Erosion**

The monitors will perform a visual inspection of channel and pond banks within 150 feet of the new bridge/culvert. The monitors will document observed telltales of recent erosion or scour, such as steep scarps, undercut vegetation, and migration of coarse sediments. The monitors will photograph any locations of potential concern and will coordinate with the City to determine whether additional monitoring and data collection is warranted.

## **Vegetation**

### **Vegetation Establishment**

#### Vegetation Survival

The survival of upland woody plantings will be assessed in Year 1 and compared to as-built drawings. All upland woody plantings will be qualitatively assessed for health and vigor. If survival of these plantings, collectively, is less than 80%, then replanting will occur up to the original baseline numbers. This planting will occur in the fall or winter following monitoring. If 80% survival of plantings is not achieved by Year 3, then the planting palette or placement will be revised to identify more appropriate native species for the site conditions.

#### Vegetation Cover

Vegetation transects will be used to document vegetation establishment (cover) in Years 1, 3, and 5. Transects will be established by randomly selecting transect start locations each monitoring year. Each transect will start at the top of the berm and extend parallel to the berm, ending at the limit of disturbance/restoration. These transects may extend through upland, transition, and tidal marsh habitats. Figures 2a and 2b provide an example location of transects.

Along each transect, vegetation will be recorded through point intersect at a set interval (e.g., every one foot). Any vegetation intersecting with the point vertically from the ground up will be recorded. If no vegetation intercepts the transect point, the point will be recorded as bare ground

---

or water. The habitat type (tidal marsh, transition, or upland) will also be identified for every point along the transect.

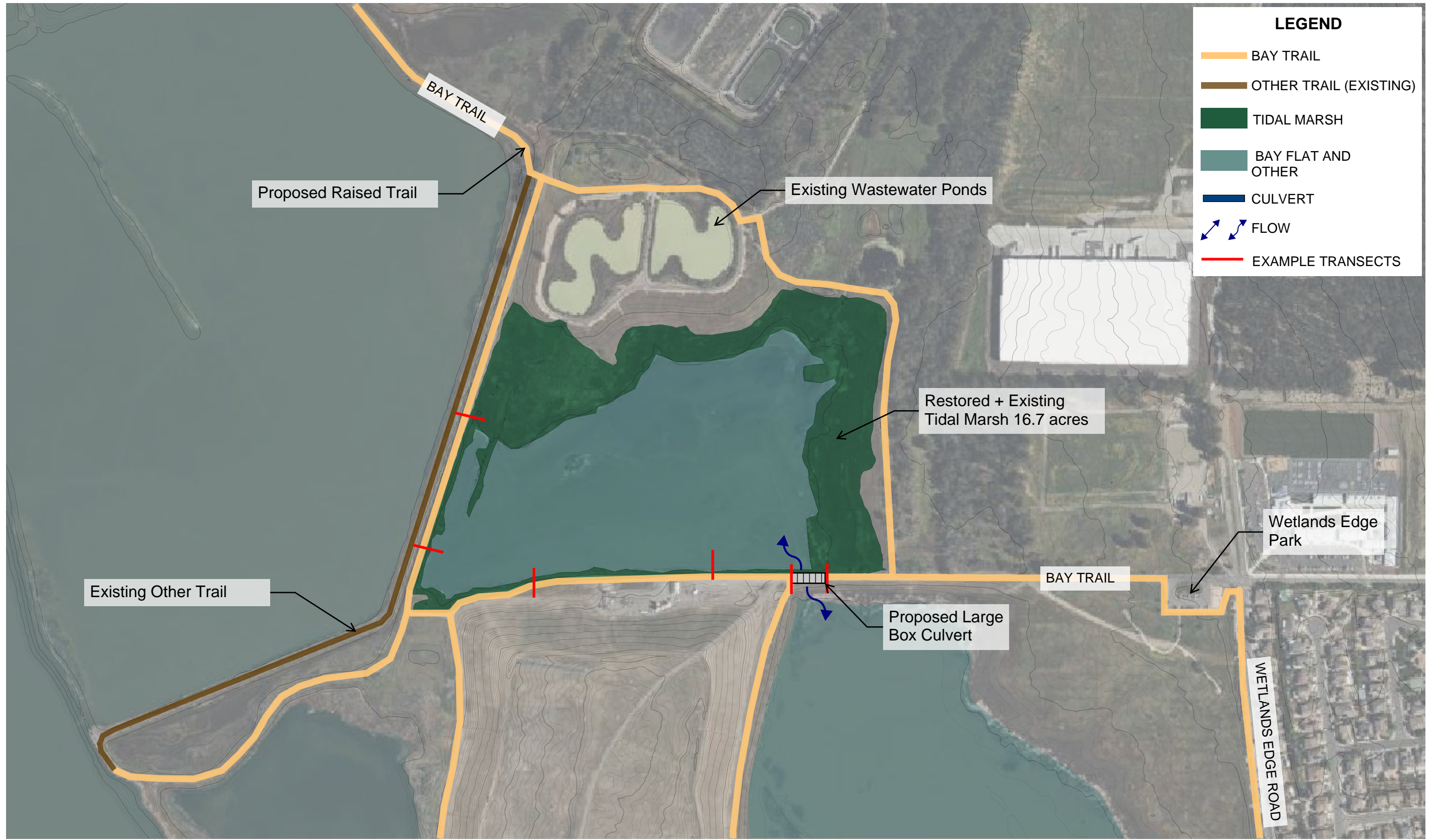
Each continuous disturbed area will contain at least one transect, depending on size. Every habitat type must contain at least 100 survey points. From these survey points, an estimate of percent cover will be determined and compared with the established success criteria.

## **Weed Survey**

A quantitative assessment of invasive plants will be estimated from the transect data collected as described for vegetative cover above. Additionally, a visual survey for invasive plant species will occur in all areas disturbed by the Project. Locations of perennial pepperweed (*Lepidium latifolium*), stinkwort (*Dittrichia graveolens*), salsola (*Salsola* spp.) and other highly invasive plants that negatively affect habitats will be mapped. Mapping may consist of point data for small patches or polygons for larger, more diffuse colonization. Mapping should describe the approximate cover of the invasive plants. Populations of non-native species that are rated High or Moderate according to the Cal IPCs California Invasive Plant Inventory, Online Database, as well as other target species identified by the City, consultants, and/or volunteers, will be documented and recommended for treatment or other management actions, with an emphasis on controlling weeds that threaten the ability to meet performance criteria specified in the regulatory permits<sup>3</sup>. A list of invasive species targeted for management will be developed and updated during each monitoring cycle.

---

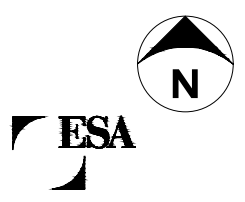
<sup>3</sup> Naturalized weeds that are part of the surrounding landscape and do not present an impediment to meeting the performance criteria will not be included in the weed survey. Examples include many non-native annual grasses.



American Canyon Restoration Project

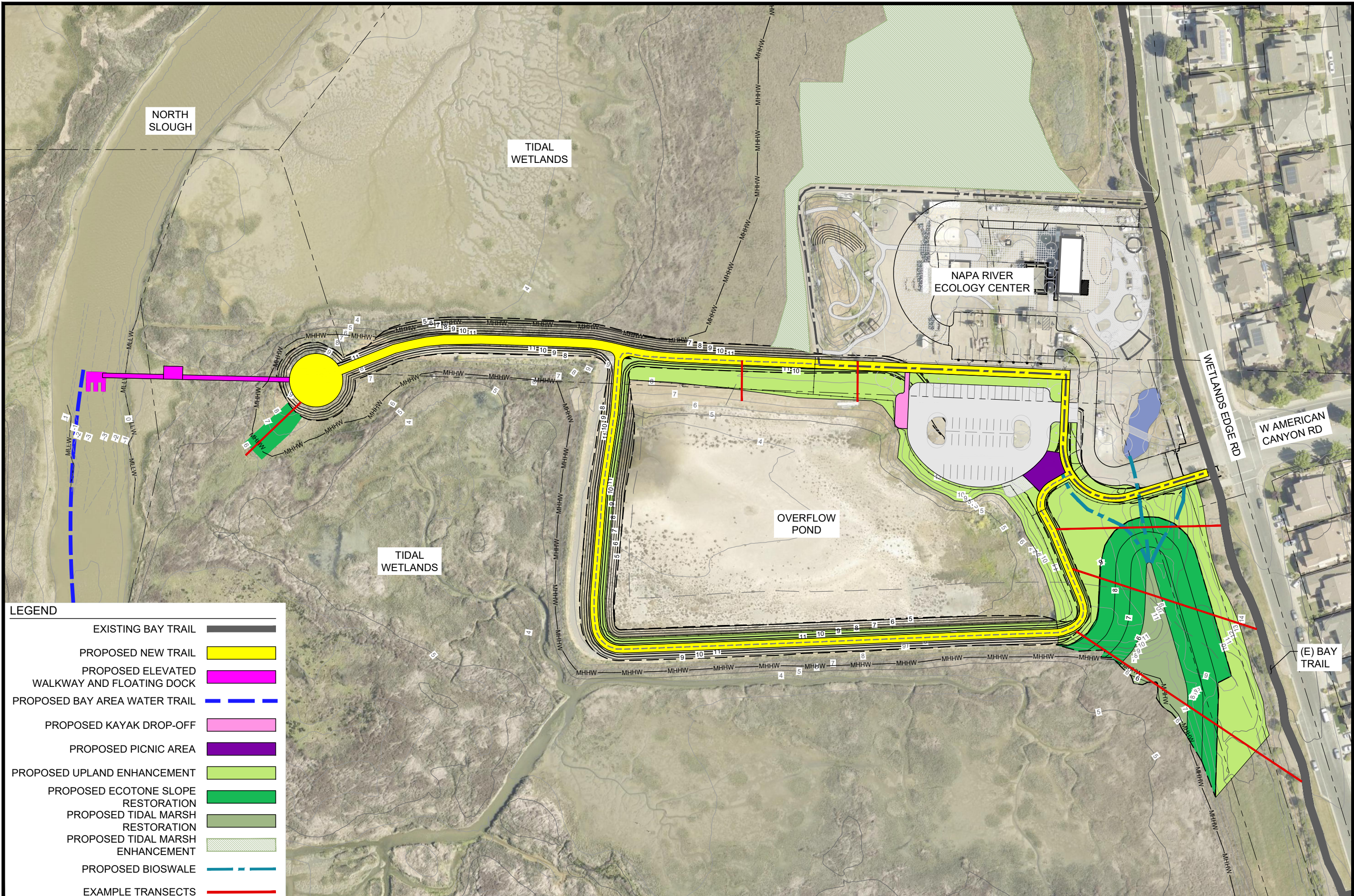
Preliminary Monitoring Locations - North Slough Pond

Figure 2a



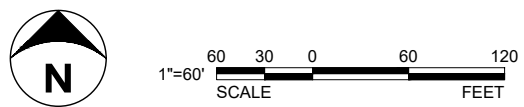


**DRAFT**  
**NOT FOR CONSTRUCTION**



**LEGEND**

EXISTING BAY TRAIL	
PROPOSED NEW TRAIL	
PROPOSED ELEVATED WALKWAY AND FLOATING DOCK	
PROPOSED BAY AREA WATER TRAIL	
PROPOSED KAYAK DROP-OFF	
PROPOSED PICNIC AREA	
PROPOSED UPLAND ENHANCEMENT	
PROPOSED ECOTONE SLOPE RESTORATION	
PROPOSED TIDAL MARSH RESTORATION	
PROPOSED TIDAL MARSH ENHANCEMENT	
PROPOSED BIOSWALE	
EXAMPLE TRANSECTS	



American Canyon Wetland Restoration  
**Figure 2b**  
 Preliminary Monitoring Locations - Corporation Yard

FILE: P:\01 CAD\2021\xxxx\202101145.00 AmericanCanyon\DWG\Monitoring\_Plan\_CORP\_YARD.dwg PLOT DATE: 3/11/2024 9:38:13 AM PLOTTED BY: LINNEA TUCKER



---

## Photo-Documentation

Permanent photo-documentation stations will be established at the site prior to commencement of construction. This will include around the margins of North Pond, including one looking into North Pond from the enhanced culvert/bridge. Additional monitoring stations will be located near the restored tidal habitat near the Corporation Yard, the kayak launch, and along the enhanced Bay Trail. Photographs will be taken to document pre-project conditions and, following construction in monitoring years will provide documentation of vegetation establishment and evolution of marsh, and transitional habitat areas throughout the site. To the extent possible, photo points will be in areas that provide good vantage points of the site, representative of site conditions, good distribution around the site, and that can be reoccupied in subsequent years. The location of photo points will be recorded with GPS and the direction (aspect) and other relevant relocation information will be recorded. Figure 3 provides an example of potential photo point locations; an amended map of established points as well as a photo appendix with all photos will be included in each monitoring report.











*Page Left Intentionally Blank to Facilitate Printing*

## 4. REPORTING

---

Monitoring reports will be submitted to USACE, USFWS, NMFS, RWQCB, CDFW, and BCDC, by March 31 following each monitoring year. Monitoring years include Year 1, 3, and 5<sup>4</sup>.

Monitoring reports will include, at the minimum, the following information:

- Summary description of the monitoring methods, including data collection and analysis;
- Analysis of performance in relation to success criteria. Includes comparison of quantitative and qualitative measurements of vegetation establishment, and hydrology in marsh conditions between previous monitoring years;
- An overview of the restoration project's progression, including a general discussion of site conditions and changes in conditions since the previous report;
- Discussion of maintenance actions undertaken for the project site;
- A discussion of any corrective measures undertaken or recommended (including weed control, replanting or reseeding, or erosion control measures); and
- A photo appendix or link to website that provides photographs taken from the established photo point locations, including a map of the photo point locations.

Applicable project data, as determined by the requesting agencies, will also be uploaded to the EcoAtlas Project Tracker and applicable incidental sensitive species observations will be reported to the CDFW's California Natural Diversity Database.

---

<sup>4</sup> Additional years may be added should success criteria not be met.

---

## 5. MAINTENANCE AND ADAPTIVE MANAGEMENT

---

Adaptive management is defined as "a framework and flexible decision-making process for ongoing knowledge acquisition, monitoring, and evaluation leading to continuous improvements in management planning and implementation of a project to achieve specified objectives."<sup>5</sup> An adaptive management approach provides a structured process that allows for taking action under uncertain conditions based on the best available science, closely monitoring and evaluating outcomes, and re-evaluating and adjusting decisions as more information is learned.<sup>6</sup>

Maintenance activities, on the other hand, are those readily anticipated to be needed to sustain the as-built functioning of the site. Maintenance activities can be described as routine, predictable, and will be expected to occur on a regular schedule.

The overall goal of maintenance and adaptive management of the site is to promote the long-term trajectory of the site in providing the desired functions and services associated with the restored habitats while preventing or reducing negative unintended consequences.

### Adaptive Management

The approach to adaptive management of the Project will be to conduct regular site visits and monitor selected characteristics to determine the stability of the site and ongoing trends in physical and biological processes related to the project goals and objectives. Unexpected trends in the biological or morphological characteristics of the site will require examination to determine if they are compromising the goals and objectives of the restoration Project or may cause undesired effects.

To evaluate whether project objectives are being met, it is necessary to compare the monitoring data from the current and previous years with the success criteria, and interpret the trends based on experience and judgment. The City will assess monitoring results and, if necessary, evaluate potential adaptive management approaches. Possible adaptive management actions could include additional studies or monitoring and/or corrective on-the-ground actions. Adaptive management actions will be discussed with agency personnel to the extent potential actions may affect permit conditions. For example, routine activities outlined herein will be documented to the agencies in the monitoring reports.

Common measures may include additional or specific weed control measures, trash and litter control, repair, or installation of erosion/sediment controls, and/or supplemental seeding or planting. If general site assessments or monitoring indicate that additional site maintenance is needed or success criteria are not being met, corrective measures will be implemented. Any activities not anticipated by this document will be discussed via a phone call to the agencies prior to taking action, and then documented in the monitoring reports. Some of these actions may require additional authorization from the agencies, but the intent of this document is to get

---

<sup>5</sup> 2011 California Water Code, Division 35. Sacramento-San Joaquin Delta Reform Act of 2009, Chapter 4, Section 85052.

<sup>6</sup> California Department of Fish and Wildlife, Adaptive Management. Available online at [https://www.dfg.ca.gov/erp/adaptive\\_management.asp](https://www.dfg.ca.gov/erp/adaptive_management.asp). Accessed on August 6, 2019.



---

clearance for the City to take swift action on smaller items to prevent them from becoming more serious, thereby minimizing the disturbance. Permit amendments therefore are reserved specifically for larger maintenance or corrective activities that fall outside the scope of this document.

To ensure that objectives are attainable, a project should begin with clearly defined, measurable targets and triggers that are linked to those objectives. If any given success criteria are not being met, the City will evaluate whether adaptive action is required. The City may choose to take no action (i.e., continue monitoring, such as if the Project appears to be on a trajectory to success) or take adaptive actions. **Table 3** includes a list of example adaptive management actions.

## **Routine Maintenance Activities**

In addition to possible adaptive management actions, the Project has been designed to minimize the need for both active operations and ongoing maintenance. Routine maintenance activities will be limited to areas within the Project site.

The City will conduct ongoing, or routine, maintenance of the Project site, consisting of trash collection, trail inspection, and vandalism damage repair.

Vegetation maintenance may include mechanical treatment (mowing, manual pull, mechanical scrape) and/or herbicide application in response to particular site conditions. Only herbicides and surfactants approved for use in aquatic environments would be used if herbicides are applied. Other vegetation work may include propagation, replanting or augmentation of appropriate native species, led either by the City or other partners and volunteers.

Timing of adaptive management actions highly sensitive habitats may need to be scheduled or modified to avoid impacts to sensitive resources, such as nesting of birds or special status species (e.g., California black rail and California Ridgway's rail). Mechanized management actions should be avoided during the rail breeding season, February 1- August 31. Limited hand-removal or herbicide application could occur year-round.

Additional long-term maintenance activities include trail maintenance such as use of standard erosion control measures, light regrading of trail surface and/or side slopes, repair of and possible import and placement of fill material to address potential settlement, erosion and/or rodent burrows. The City will consult with the regulatory agencies as needed as maintenance needs at the site arise.

**TABLE 3**  
**SUMMARY OF EXAMPLE ADAPTIVE MANAGEMENT ACTIONS BASED ON MONITORING PARAMETER**

Monitoring Parameter	As Needed Applied Studies	Potential Management Action
Tidal Flow <i>Tide Range in North Pond</i> <i>Velocities at New Culvert/Bridge</i> <i>Erosion near New Culvert/Bridge</i>	Study if culvert size is reducing ecological function.	Continue to monitor tidal exchange development. Install enlarged culvert. Repair observed erosion with filling, revegetation and/or erosion control materials.
Vegetation Establishment <i>% Total Cover</i> <i>% Survival Plantings</i>	Study the causes of slow vegetation establishment. Have monitoring personnel and agencies review the findings and assess whether observed trajectories require intervention.	Replant specified plant species Revise planting palette for future revegetation efforts.
Invasive Plants <i>% Total Cover</i>	If target weed species cannot be properly controlled, study the biotic response to specific invasive species that are particularly detrimental to the site.	Increase non-native invasive species control frequency or alter control methods.

Appendix I  
**Potential Funding  
Sources and Schedule**



American Canyon Wetland Restoration Project; Restoration and Public Access Plan  
Appendix I: Potential Grant Opportunities

Grant Program	Eligibility	Total Grant Pool	Geographic Area	Grant Award Range	Match Requirement	Proposal Schedule	Website	Contact
<b>San Francisco Bay Restoration Authority (SFBRA AA Funds)</b>	A habitat project that aims to restore, protect, or enhance tidal wetlands, managed ponds, or natural habitats on the shoreline in the San Francisco Bay Area; A flood management project that is part of a habitat project; A public access project that will provide or improve access or recreational amenities that are part of a habitat project.	~\$22M	Bay Area	NO set funding range. Past \$100k-\$xM. 5-10 projects per grant round.		Next RFP for grants expected to be released in <b>July of 2024</b> .	<a href="#">Restoration Authority Grants   San Francisco Bay Restoration Authority (sfbayrestore.org)</a>	<a href="mailto:grants@sfbayrestore.org">grants@sfbayrestore.org</a>
<b>San Francisco Bay Restoration Authority (SFBRA AA Funds) - Community Grants Program</b>	Funds led by community-based organizations in economically disadvantaged communities (EDCs). Can be part of a partnership, e.g., having CBO lead outreach or help with implementation. (Possible for American Canyon Community and Parks Foundation to lead)		Bay Area	The maximum grant amount is \$200,000.		Rolling basis	<a href="#">Community Grants   San Francisco Bay Restoration Authority (sfbayrestore.org)</a>	<a href="mailto:grants@sfbayrestore.org">grants@sfbayrestore.org</a>
<b>U.S. Fish and Wildlife Service's National Coastal Wetlands Conservation Grant Program</b>	Participation is limited to State agencies or entities designated as eligible by the Governor of a coastal State, typically a State natural resource or fish and wildlife agency. The Program to acquires, restores, and enhances wetlands in coastal areas through competitive matching grants to eligible State agencies. The primary goal of the NCWCG Program is the long-term conservation of coastal wetland ecosystems.	\$20M	Federal	\$1M maximum	Yes	2024 deadline June 21, 2024. Coastal Conservancy sent out a preproposal letter of interest call for applications, due by April 15, 2024.	<a href="https://grants.gov/search-results-detail/352451">grants.gov/search-results-detail/352451</a>	<a href="mailto:bryce.keyes@scc.ca.gov">bryce.keyes@scc.ca.gov</a>
<b>EPA San Francisco Bay Water Quality Improvement Fund</b>	Funding to protect and restore San Francisco Bay watersheds and wetlands. Focus on water quality results, such as restoration of impaired waters and enhancement of wetland habitat.	\$24M	Bay Area	\$1-3M	50% (non-federal)	2023 deadline of <b>August 30, 2023</b> ; submitted through grants.gov	<a href="#">San Francisco Bay Water Quality Improvement Fund   US EPA</a>	Luisa Valiela (valiela.luisa@epa.gov) Program Lead (415) 972-3400
<b>CDFW Prop 1 Restoration Grant Program</b>	Restoring, protecting or enhancing habitat; Improving forest health; Modernizing stream crossings, culverts, and bridges; Reconnecting historical flood plains; Installing or improving fish screens; Providing fish passage; Improving ecological functions; Restoring cross-border creeks and watersheds; Improving local watershed management; Removing sediment or trash; Projects to improve water quality; projects that improve condition of special-status, at risk, endangered, or threatened species; Scientific studies and assessments that support the Delta Science Program.	\$285,000,000 (CDFW watershed restoration) and \$87,500,000 (projects that benefit the Delta)	Statewide		Cost share is not required; however, proposals with higher proportions of secured cost share may receive higher scores during the evaluation process	<b>Rolling basis</b>	<a href="#">Proposition 1 Restoration Grant Programs (ca.gov)</a>	<a href="mailto:WatershedGrants@wildlife.ca.gov">WatershedGrants@wildlife.ca.gov</a>
<b>CDFW Fisheries Grant Restoration Program</b>	Recover and conserve salmon and steelhead trout populations through restoration activities that reestablish natural ecosystem functions, to ensure the survival and protection of the species in California.	\$372.5 M	Statewide	No set funding range for proposals – past project budgets have ranged from several hundreds of thousands of dollars to multimillion-dollar projects		Concept proposals due <b>March 4, 2024</b> , full applications due <b>April 18, 2024</b>	<a href="#">Fisheries Habitat Restoration Proposal Solicitation Notice (ca.gov)</a>	Tim Chorey FRGP Statewide Coordinator Timothy.Chorey@wildlife.ca.gov, (916) 838-0760
<b>Wildlife Conservation Board General Grant Funding (Open all year)</b>	Protected or enhanced biodiversity; Climate change resiliency and connectivity; Support of the State Wildlife Action Plan priority habitats; Conserved or enhanced working landscapes; Conserved or enhanced water-related projects; and/or Enhanced public access. Projects should also contribute to the State's priorities such as protecting biodiversity, increasing climate resilience, providing access for all, and expanding nature-based solutions through initiatives such as the Pathways to 30 X 30 document that identifies a goal of protecting 30 percent of California's land and coastal waters by 2030. (note, more specific programs also listed below)		Statewide	No set funding range	Cost share is not required but may be beneficial, in particular to complete a larger project. Applications with higher proportions of secured cost share contribution towards total project cost will score more points through the "Cost Share" application evaluation criterion.	<b>open all year.</b> Full applications should only be submitted if a pre-application has been submitted and an invitation to submit a full application has been received	<a href="#">Grant Opportunities (ca.gov)</a>	
<b>Wildlife Conservation Board, Habitat Enhancement and Restoration</b>	Consistent with Fish and Game Code section 1301, this program provides assistance for the restoration and enhancement of fish and wildlife resources. Eligible projects include: native fisheries restoration; restoration of wetlands; restoration of coastal, tidal, or fresh water habitat; other native habitat restoration projects including coastal scrub oak, grasslands, and threatened and endangered species habitats; in-stream restoration projects, including removal of fish passage barriers and other obstructions; and other projects that improve the quality of native habitat throughout the State.	\$5M	Statewide		no requirement	<b>Rolling basis.</b>	<a href="https://www.grants.ca.gov/grants/habitat-enhancement-and-restoration/">https://www.grants.ca.gov/grants/habitat-enhancement-and-restoration/</a>	Judah Grossman, 1-916-926-8830, judah.grossman@wildlife.ca.gov
<b>Wildlife Conservation Board, Climate Adaptation and Resiliency</b>	These projects must be consistent with the State's climate adaptation strategy (Safeguarding California Plan), contribute to the carbon sequestration goals of AB 32, and support WCB's Strategic Plan. In addition, projects will be consistent with other statewide plans and priorities, including the California Water Action Plan and California State Wildlife Action Plan 2015 Update.  Program funding is directed toward projects that:  Protect and restore ecosystems on natural and working lands to provide climate change adaptation and resilience for wildlife. Assist natural and working lands managers in implementing practices that provide climate adaptation and resilience. Increase carbon sequestration in natural and working lands, and provide additional social, economic, and environmental benefits, or "co-benefits".	\$2M	Statewide		no requirement	<b>Rolling basis.</b>	<a href="https://www.grants.ca.gov/grants/climate-adaptation-and-resiliency/">https://www.grants.ca.gov/grants/climate-adaptation-and-resiliency/</a>	Kurt Malchow, 1-916-926-2792, kurt.malchow@wildlife.ca.gov



American Canyon Wetland Restoration Project; Restoration and Public Access Plan  
Appendix I: Potential Grant Opportunities

Grant Program	Eligibility	Total Grant Pool	Geographic Area	Grant Award Range	Match Requirement	Proposal Schedule	Website	Contact
<b>CDFW \$200 million in new funding for multi-benefit ecosystem restoration and protection projects under Drought, Climate and Nature-Based Solutions Initiatives</b>	<b>Drought - Protecting Salmon</b> - Funding for planning and implementation projects that enhance resiliency to drought and climate change through restoration, protection, or enhancement of riparian and aquatic habitat and river channels, reconnection of historical flood plains, or improvements to ecological functions. <b>Addressing Climate Adaptation</b> - Funding for projects addressing urgent degrading water and habitat conditions due to climate change impacts. Wetlands and <b>Mountain Meadows Restoration</b> - Funding for Mountain Meadows and non-coastal Wetlands restoration consistent with the Natural and Working Lands Climate Smart Strategy (opens in new tab) and Pathways to 30x30 (opens in new tab). <b>Wildlife Corridors - Funding to support connectivity projects that advance multi-benefit and nature-based solutions</b>	\$ 200 M	Statewide		no requirement	<b>Rolling basis</b> , as often as monthly for Drought, Climate, and Nature Based Solutions eligible projects	<a href="#">Restoration Grant Opportunities – Accepting Concepts (ca.gov)</a>	<a href="mailto:WatershedGrants@wildlife.ca.gov">WatershedGrants@wildlife.ca.gov</a>
<b>CDFW Watershed Remediation and Enhancement Funding Opportunity</b>	Proposals to remediate and/or enhance watersheds and communities may include the following: road decommissioning, road crossing upgrades, erosion and sediment delivery prevention actions, culvert upgrades, water conservation, cleanup and remediation of impacts due to illicit cannabis operations on private and qualified public lands, and/or enhancing biodiversity and wildlife habitat within watersheds, among other projects in similar nature	\$20 M	Statewide		no requirement	<b>Rolling basis</b>	<a href="#">Watershed Remediation and Enhancement Funding Opportunity - California Grants Portal</a>	Virginia O'Rourke, 1-916-445-0411, <a href="mailto:canngrantprogram@wildlife.ca.gov">canngrantprogram@wildlife.ca.gov</a>
<b>Coastal Conservancy Grants</b>	Each year, the Coastal Conservancy issues millions of dollars in grants for projects that restore and protect the California coast, expand public access to it, and enhance its resilience to climate change. Most Conservancy grants are awarded through a rolling pre-application solicitation.		Statewide	\$200,000-\$5,000,000	no requirement	<b>Rolling basis.</b> The Conservancy also holds periodic grant rounds related to specific programs or fund sources. Information on those grant rounds can be found on their website.	<a href="https://scc.ca.gov/grants/">https://scc.ca.gov/grants/</a>	Moira McEnespy – <a href="mailto:moira.mcenespy@at.scc.ca.gov">moira.mcenespy (at) scc.ca.gov</a>
<b>Ocean Protection Council Senate Bill 1 Sea Level Rise Adaptation Planning Grant Program</b>	The goal of the Senate Bill 1 Sea Level Rise Adaptation Planning Grant Program (SB 1 Grant Program) is to support the implementation of SB 1 (Atkins, 2021) for local, regional, and tribal governments. Ultimately, the SB 1 Grant Program aims to provide funding for coastal communities to develop consistent sea level rise (SLR) adaptation plans and projects to build resilience to SLR along the entire coast of California and San Francisco Bay	\$71M	Statewide	\$200,000-\$1,500,000	no requirement	<b>Rolling basis.</b>	<a href="#">Senate Bill 1 Sea Level Rise Adaptation Planning Grant Program - California Grants Portal</a>	Megan Williams, 1-630-917-2785, <a href="mailto:opc-sb1@resources.ca.gov">opc-sb1@resources.ca.gov</a>
<b>California Division of Boating and Waterways: Statewide Boat Launching Facility Grant Programs FY25 (Non-Motorized and Other)</b>	DBW invests in publicly accessible recreational boating facilities and boating safety activities throughout California. DBW funding allows local agencies to renew deteriorated facilities (e.g., boat launch ramps, boarding floats, parking lots, restrooms, lighting for boaters) or to develop new public access.	\$1M Non-motorized; \$4.1M unspecified	Statewide	\$50,000-\$1,000,000	no requirement	<b>Rolling basis.</b> Applications for the Boat Launching Facility (BLF) 2026/2027 funding cycle are being accepted through the Online Grant Application (OLGA) until February 1, 2025. Expect 5 awards.	<a href="https://dbw.parks.ca.gov/?page_id=28818">https://dbw.parks.ca.gov/?page_id=28818</a>	<a href="mailto:joe.dux@parks.ca.gov">joe.dux@parks.ca.gov</a>
<b>California State Parks Outdoor Equity Grants Program</b>	The Outdoor Equity Grants Program (OEP) improves the health and wellness of Californians through new educational and recreational activities, service learning, career pathways, and leadership opportunities that strengthen a connection to the natural world. OEP's intent is to increase the ability of residents in underserved communities to participate in outdoor experiences within their community, at state parks, and other public lands.	\$50M	Statewide	\$20,000-\$700,000		2023 Deadline of <b>December 14, 2023.</b>	<a href="https://www.parks.ca.gov/?page_id=30443">https://www.parks.ca.gov/?page_id=30443</a>	
<b>Wildlife Conservation Board, Public Access Grant</b>	The Program prioritizes: boating access projects, hunting and fishing projects, and non-consumptive wildlife-oriented recreation. Planning and implementation projects are to be considered. Planning grants are intended to support the development of projects that are likely to qualify for future implementation funding under this program. Implementation grants are intended for construction, enhancement, or rehabilitation of public access facilities.	\$5M	Statewide		no requirement. Cost share is not required but may be beneficial, in particular to complete a larger project. Applications with higher proportions of secured cost share contribution towards total project cost will score more points through the "Cost Share" application evaluation criterion.	<b>Rolling basis.</b>	<a href="#">Public Access - California Grants Portal</a>	Shannon Lucas, 1-916-247-7065, <a href="mailto:shannon.lucas@wildlife.ca.gov">shannon.lucas@wildlife.ca.gov</a>
<b>Napa County Wildlife Conservation Commission Grant</b>	The grants are intended to support the preservation, propagation, and protection of fish and wildlife in Napa County. The funding for these grants is provided by California Department of Fish and Wildlife fines, local fines and settlements, and the general fund. Past grant proposals have included wildlife rehabilitation, native habitat restoration, environmental education programs, and species monitoring studies	varies per year		~\$5-10k		2023 Application cycle due <b>July 14, 2023</b>	<a href="http://www.countyofnapa.org/wildlife">www.countyofnapa.org/wildlife</a>	Pamela Arifian (707) 259-5934, <a href="mailto:pamela.arifian@countyofnapa.org">pamela.arifian@countyofnapa.org</a> Daniel Zador (707) 259-8239, <a href="mailto:daniel.zador@countyofnapa.org">daniel.zador@countyofnapa.org</a>

# **AMERICAN CANYON WETLANDS PROJECT**

---

## **Appendix I: Schedule**

Below is a potential timeline for advancing the Project:

- **Spring 2024:** Finalize Restoration Plan.
- **Summer-Winter 2024:** Secure funding for next steps.
- **Spring 2025-Fall 2025:** Subsequent design and CEQA for Phase 1 of the Project. Conduct subsequent studies such as a wetland delineation, additional cultural resources assessment, geotechnical investigation, topographic surveys and utility survey and consult with potentially interested Native American Tribes.
- **Fall 2025:** Apply for permits.
- **Spring 2025:** Construction bids and contractor selection.
- **Summer/Fall 2026:** Construction.

Delays in funding or permitting would extend this schedule. Due to anticipated seasonal work windows, the construction may need to occur in summer or fall months following the nesting bird season (typically August 31, but could be earlier). This schedule assumes that the City's maintenance facility will be relocated as part of the construction of the Eco Center development.