

# 1. Executive Summary

## Purpose

This Draft Environmental Impact Report (Draft EIR) is prepared in accordance with the California Environmental Quality Act (CEQA) to evaluate the potential environmental impacts associated with the implementation of the Samoa Peninsula Wastewater Project (State Clearinghouse No. 2018042083).

The purpose of this Draft EIR is to inform decision makers, representatives of affected and responsible agencies, the public, and other interested parties of the potential environmental effects that may result from implementation of the proposed project. This Draft EIR describes potential impacts relating to a variety of topical environmental issues.

## Project Summary

### Project Location

The proposed Samoa Peninsula Wastewater Project (project) is located on the Samoa Peninsula in Humboldt County approximately 225 miles north of San Francisco and less than 1 mile west of Eureka, California (Figure 1-1 Project Location). The project is within the proposed PCSD boundary, which once fully formed, will provide municipal services to the Samoa Peninsula (Figure 1-2 Service Area). The Samoa Peninsula includes the communities of Fairhaven, Finntown, and town of Samoa. The project's proposed wastewater improvements would serve the unincorporated communities of Fairhaven and Finntown, but would not include the Samoa Town Master Plan area, which have been addressed in the previously prepared Samoa Town Master Plan, Final Master Environmental Impact Report, Humboldt County, April 14, 2006, certified October 27, 2009.

Project improvements would primarily be located in-road in Vance Avenue, Bendixsen Street, Lincoln Avenue, New Navy Base Road, and portions of adjoining streets. Improvements also would be made at the approved, but not yet constructed, Samoa Wastewater Treatment Facility in the Samoa Town Master Plan area. Figure 1-3 Project Boundary shows the project site, including construction staging areas.

### Project Description

The proposed project involves amendments to the Humboldt Bay Area Plan (HBAP) of the Humboldt County Local Coastal Program to allow the construction and operation of a consolidated wastewater collection, treatment, and disposal system with connections to residential, commercial/industrial, recreational, and institutional facilities located within the boundaries of the proposed Peninsula Community Services District (PCSD). It is anticipated that the PCSD will be fully formed by early 2019.

The project would provide sewer service to structures within the communities of Fairhaven and Finntown. The project would not provide service to parcels within the approved Samoa Town Master Plan (STMP). Sewer service to the area would be implemented in two phases: Sewer Service for Existing Structures (Short-Term), and Sewer Service for Possible Future Infill (Long-Term). The Short-Term phase includes construction and operation of a collection system, upgrades to a

previously approved wastewater treatment facility, and a disposal system using the existing outfall to discharge effluent into the ocean to serve the existing structures that are served by onsite septic systems within the boundaries of the PCSD. The Long-Term phase would allow future infill structures, consistent with HBAP and zoning, to connect to the project's collection system and be served by the wastewater treatment plant.

It is assumed that existing individual septic systems and leachfields in Fairhaven and Finntown would remain in-use until residences opt to connect to the project improvements. At that time, individual septic tanks would be decommissioned under permit through the HCDEH.

### **Sewer Service and Phasing**

The project's sewer service would be implemented in the following two phases:

- **Sewer Service for Existing Structures (Short-Term).** The Short-Term phase includes construction and operation of a collection system, upgrades to the previously Approved Samoa WWTF, and a disposal system to serve the existing structures in Fairhaven, Finntown, the County Boat Launch facility, and the Eureka Airport that currently use on-site wastewater treatment systems.
- **Sewer Service for Possible Future Infill Development (Long-Term).** The Long-Term phase would allow possible future infill development in Fairhaven, consistent with HBAP and zoning, to connect to the project's collection system and be served by the wastewater treatment plant.

Upon completion of the improvements under the Short-Term phase, the project would allow connections for existing structures, consistent with and upon issuance of a Coastal Development Permit by the County or California Coastal Commission, as appropriate.

The Long-Term phase would be implemented at an unknown future date. For the purpose of this Draft EIR, it is assumed that the Long-Term phase would be implemented by 2030. Under the Long-Term phase, future infill development, consistent with the amended HBAP and zoning, within the PCSD would be allowed to connect to the project improvements upon approval of the amended HBAP. Future infill development may occur on parcels in Fairhaven that are designated RX, Rural X-Urban, and zoned RS-X, residential suburban with no further subdivision allowed. It is estimated that up to 62 new residential units could be constructed on the available infill lots in Fairhaven. In addition, construction of secondary units is allowed under the current zoning, which may include smaller accessory (guest) dwellings. Note that accessory dwellings are not additional single family homes and do not require a second sewer connection. Future infill development is assumed to occur over a 30-year planning horizon.

### **HBAP Amendments**

Amendment to the HBAP is necessary to implement the Short-Term phase to allow existing structures in Fairhaven and Finntown to connect to the wastewater system and to allow that wastewater to be accepted and processed by the Approved Samoa WWTF. The HBAP would be amended to specify the existing uses that may be connected to the wastewater system as exceptions to the other policies in the HBAP. This approach would prevent connections for new development from being approved. Implementation of the project's Short-Term phase, outside of the HBAP Urban Limit Line of the town of Samoa shall not be allowed until the HBAP has been amended and approved by the California

Coastal Commission. The following actions are necessary to allow development of the project's Short-Term phase:

1. Amend HBAP Section 3.22, Public Services-Rural, subsection B (Development Policies) to add exceptions to allow sewer connections to Interim Conditionally Permitted uses in the Industrial/Coastal-Dependent Zone, and existing structures that are served by onsite septic systems on the Samoa Peninsula outside the town of Samoa. The amendment may read:

In addition, sewer connections may be provided to industrial uses, to Interim Conditionally Permitted uses in the Industrial/Coastal-Dependent zone, and to existing structures that are served by onsite septic systems on the Samoa Peninsula outside the town of Samoa.

2. Amend the HBAP to allow the discharge of treated wastewater through the existing permitted Redwood Marine Terminal II (RMT II) ocean outfall.

Additionally, implementation of the proposed project, within the boundary of the STMP area that is within the existing HBAP Urban Limit Line will not be allowed until the STMP has been amended to delete the STMP Land Use Designation Overlay New Development - Policy 9; which only allows connections to the Samoa WWTF by users within the STMP.

Amendment to the HBAP for the Long-Term phase of the project may involve expanding the Urban Limit Line in the Plan to include the areas proposed to be served, which would enable new infill development consistent with the HBAP and zoning to connect to the system. Implementation of the project's Long-Term phase shall not be allowed until the HBAP has been amended and approved by the California Coastal Commission. The following actions are necessary to allow development of the project's Long-Term phase:

1. Amend the HBAP to allow future infill development, consistent with the HBAP, within the PCSD boundary to connect to the proposed projects wastewater collection system and be served by the Samoa WWTF.

## Permits and Approvals Required

The PCSD would approve the project and be responsible for the implementation (construction and operation) of the project.

Short-Term phase construction and operation would be subject to the following permits and/or approvals from various regulatory agencies:

- Coastal Commission – Certify HBAP to allow wastewater facilities to serve existing structures currently served by onsite septic systems; Certify HBAP to allow Samoa Townsite to accept wastewater from outside the STMP boundary; and issue Coastal Development Permit for project construction and discharge using existing ocean outfall
- County of Humboldt – Coastal Development Permit for project construction and service to existing residential users in Fairhaven and Finntown Building; Encroachment Permits; and, Grading Permit
- State Water Resources Control Board – Construction General Permit
- North Coast Regional Water Quality Control Board – National Pollutant Discharge Elimination System, Report of Waste Discharge, 401 Water Quality Certification

- U.S. Army Corps of Engineers – Section 404 of the Clean Water Act Permit
- California State Lands Commission – Lease for use of the existing ocean outfall

The Long-Term phase would be subject to the following approval(s):

- County of Humboldt and Coastal Commission – Amendments to and certification of the HBAP to allow wastewater service to existing structures and to future infill development, consistent with plan and zone, within the boundaries of the PCSD

## Project Objectives

The following are the project objectives for the Short-Term phase:

- Collect, convey, and treat domestic wastewater from existing structures in Fairhaven, Finntown, the County Boat Launch facility, and the Eureka Airport that currently use on-site wastewater treatment systems;
- Reduce and avoid degradation of groundwater quality;
- Consolidate wastewater collection and treatment services within the PCSD service area;
- Minimize the impacts to coastal resources by limiting the project to only serve existing structures that are served by onsite septic systems and by locating the wastewater collection system within the existing developed road system wherever feasible;
- Minimize project cost by improving the approved Samoa Wastewater Treatment Facility (WWTF) system and utilizing the existing outfall to discharge effluent into the ocean.

The following are the project objectives for the Long-Term phase:

- Allow for the development of infill properties in Fairhaven, consistent with HBAP land use designations/zone classifications and policies;
- Protect coastal resources and provide coastal hazards resilience;
- Facilitate Industrial, Coastal-Dependent and Port of Humboldt development consistent with HBAP land use designations/zone classifications and policies.

## Summary of Project Alternatives

Below is a summary of the alternatives to the proposed project considered in Section 5, Alternatives to the Proposed Project.

### **Alternative 1 - No Project Alternative**

Under the No Project Alternative, the existing residences, recreational uses, and industrial uses within the PCSD, excluding the STMP area, would continue to be on individual septic systems and leachfields.

### **Alternative 2 –RMT II Site Alternative**

Under Alternative 2, the project WWTF improvements would be constructed at the RMT II site instead of the Approved Samoa WWTF site. The RMT II site is located on an approximately 0.5-acre portion of APN 401-112-021 east of Vance Avenue and adjacent to the ocean outfall connection at Manhole 5.

## Public Review of the Draft EIR

The Draft EIR will be circulated for 45 days, from January 31, 2019 to March 18, 2019, to allow interested individuals and public agencies time to review and comment on the document. Written comments on the Draft EIR will be accepted by the County until 5:00 pm on March 18, 2019. Public agencies, interested organizations and individuals are encouraged to submit comments on the Draft EIR, with the title “Samoa Peninsula Wastewater Project Comments on Draft EIR,” to:

John Miller, Senior Planner  
Planning and Building Department  
County of Humboldt  
3015 H Street  
Eureka, CA 95501

To facilitate understanding of the comments, please provide a separate sentence or paragraph for each comment, and note the page and section of the Draft EIR to which the comment is directed.

The Draft EIR is available for review at the County of Humboldt Planning and Building Department office located at 3015 H Street in Eureka, California. The Draft EIR is also available at the Samoa Peninsula Fire District Firehouse, located at 1982 Gass Street, Samoa, CA 95564. It is available in downloadable Adobe Acrobat format on the County’s website at <https://humboldt.gov/2364/Long-Range-Planning-Projects>.

At the end of the public review period, written responses will be prepared for comments received on the Draft EIR. The comments and responses will be included in the Final EIR and will be considered by the County prior to consideration of the adequacy of the EIR. Prior to approval of the project, the County must certify that the EIR has been completed in compliance with CEQA.

## Executive Summary Matrix

Table 1-1 below summarizes the impacts, mitigation measures, and resulting level of significance after mitigation for the relevant environmental issue areas evaluated for the proposed project. The table is intended to provide an overview; narrative discussions for the issue areas are included in the corresponding section of this EIR. Table 1-1 is included in the EIR as required by CEQA Guidelines Section 15123(b)(1).

Table 1-1 Executive Summary Matrix

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
<b>Section 4.1 Aesthetics and Visual Resources</b>			
<b>Impact AES-1:</b> Would the project have a substantial adverse effect on a scenic vista?	Less than Significant	None Required	N/A
<b>Impact AES-2:</b> Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings and historic buildings within a State scenic highway?	No Impact	None Required	N/A
<b>Impact AES-3:</b> Would the project substantially degrade the existing visual character or quality of the site and its surroundings?	Less than Significant	None Required	N/A
<b>Impact AES-4:</b> Create a new source of substantial light or glare which would adversely affect day or night-time views in the area?	No Impact	None Required	N/A
<b>Impact AES-C-1:</b> Would the project result in a cumulatively considerable contribution to a cumulative impact related to aesthetic resources?	Less than Significant	None Required	N/A
<b>Section 4.2 Air Quality</b>			
<b>Impact AQ-1:</b> Would the project conflict with or obstruct implementation of the applicable air quality plan?	Significant	<p><b>AQ-1: Implement Air Quality Construction Control Measures</b></p> <p>The PCSD shall limit dust during construction by implementing the following NCUAQMD recommended best management practices in all construction contract specifications for the project:</p> <ol style="list-style-type: none"> <li>1. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas and unpaved access roads) shall</li> </ol>	Less than Significant with Mitigation

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
		<p>be watered as necessary to prevent fugitive dust emissions during dusty conditions.</p> <ol style="list-style-type: none"> <li>2. All haul trucks transporting soil, sand, or other loose material on- or off-site shall be covered or maintain at least two feet of freeboard.</li> <li>3. During construction, the contractor will designate an area of the project site for equipment and vehicle cleaning in proximity to the temporary water source. The contractor will establish a temporary drive off road consisting of cobbles, which will mitigate bulk soil and mud accumulation on adjacent roads. Visible mud or dirt tracked-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping shall be prohibited.</li> <li>4. All vehicle speeds on unpaved areas shall be limited to 15 miles per hour.</li> <li>5. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations). Clear signage shall be provided for construction workers at all access points explaining these measures.</li> <li>6. All construction equipment shall be maintained and properly tuned in accordance with manufacturer’s specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.</li> <li>7. A publicly visible sign shall be posted with the telephone number and person to contact at the PCSD regarding dust complaints. This person shall respond and take corrective action within 48 hours. The North Coast Unified Air Quality Management District phone number shall also be visible to ensure compliance with applicable regulations.</li> </ol>	

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
<b>Impact AQ-2:</b> Would the project violate an air quality standard or result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	Significant	<b>Implement MM AQ-1</b>	Less than Significant with Mitigation
<b>Impact AQ-3:</b> Would the project expose sensitive receptors to substantial pollutant concentrations?	Significant	None Required	N/A
<b>Impact AQ-4:</b> Would the project create objectionable odors affecting a substantial number of people?	Less than Significant	<b>AQ-4: Curtail Operational Odor-Generating Maintenance Activities during Wind Events</b> The PCSD shall avoid and limit odor-generating maintenance activity at Approved Samoa WWTF during wind events, defined as winds southern winds 15 miles per hour or greater. Additionally, a publicly visible sign shall be posted with the telephone number and person to contact at the PCSD regarding odor complaints. This person shall respond and take corrective action within 48 hours. The North Coast Unified Air Quality Management District phone number shall also be visible to ensure compliance with applicable regulations.	Less than Significant with Mitigation
<b>Impact AQ-C-1:</b> Would the project result in a cumulatively considerable contribution to cumulative impacts related to air quality?	Less than Cumulatively Considerable (Less than Significant)	<b>Implement MM AQ-1</b>	Less than Significant with Mitigation
<b>Section 4.3 Biological Resources</b>			
<b>Impact BIO-1:</b> Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in	Significant	<b>BIO-1a: Protect Nesting Birds</b> The PCSD shall ensure that preconstruction nesting bird surveys shall be conducted by a qualified biologist if construction begins in the breeding season (January 15 to August 31 to include raptors and all other migratory birds).	Less than Significant with Mitigation

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<p>local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?</p>		<p>Surveys are to be conducted within seven days of construction activities and repeated if construction ceases for seven days in the same location, prior to construction resuming. An area of at least 500 feet within the construction area will be surveyed for nesting birds. If active nests are found, the biologist will monitor the nest(s) and establish protective buffers (no-disturbance area around the nest) determined with consultation with CDFW and based on the nesting species, its sensitivity to disturbance, and type of and duration of disturbance expected.</p> <p>Any work conducted within 500 feet of an osprey nest will either be conducted outside of the nesting season (March through August) or a qualified biologist in consultation with CDFW will observe the nests prior to the commencement of construction within the vicinity of the nests to ensure that juveniles have fledged, and that the nest is empty during construction, or determine an adequate buffer that will not impact the nest or nestlings.</p> <p><b>BIO-1b: Protect Rare Plants during Construction</b></p> <p>The PCSD shall protect rare plants during construction. Prior to the start of construction, where construction activities occur within close proximity (100 feet) to identified special-status plant species during preconstruction surveys, high visibility construction fencing shall be erected to establish a no-disturbance buffer that would be adequate for the protection of the plants, determined by a qualified biologist. The fencing will be checked weekly by a biological monitor to ensure its continued correct placement and stability.</p>	
<p><b>Impact BIO-2:</b> Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and</p>	<p>Significant</p>	<p><b>BIO-2a: Protect ESHAs and Sensitive Natural Communities</b></p> <p>The PCSD shall implement the following measures to protect sensitive natural communities:</p> <ul style="list-style-type: none"> <li>• Prior to the start of construction a qualified biologist will develop and distribute educational materials to construction crews at a “tail-gate” meeting identifying sensitive natural resources within the project area. This will include (but is</li> </ul>	

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Wildlife or U.S. Fish and Wildlife Service?		<p>not limited to) hard copy information about sensitive plant community identification and defining protective buffer flagging or fencing to explain where the buffers are placed and what they are intended to protect.</p> <ul style="list-style-type: none"> <li>• Except where direct impact (removal) is proposed at the WWTF site, establish and maintain appropriate buffers, and BMPs in accordance with Mitigation Measure HWQ-1 Manage Stormwater during Construction, for the duration of construction. Vegetation communities with a Species Heritage rarity ranking of S3 (vulnerable), S2 (imperiled), or S1 (critically imperiled), as assigned by CDFW, shall be demarcated with high visibility fencing to avoid ground disturbance. A biologist or biological monitor shall inspect the sensitive areas and the protective buffers once a week for the duration of construction to ensure the buffers and BMPs are adequately protecting the ESHA and/or Sensitive Natural Communities. Modifications to the buffers and BMPs, recommended by the Qualified Biologist, shall be implemented as soon as feasible.</li> </ul> <p><b>BIO-2b: Replace or Restore ESHAs or Other Sensitive Natural Communities Removed during Construction</b></p> <p>The PCSD shall prepare and implement a plan to identify and compensate for removal of ESHAs or other sensitive natural communities that cannot be avoided during construction. The Plan will include the following components, and must adequately replace habitat and be approved by the California Coastal Commission and California Department of Fish &amp; Wildlife:</p> <ul style="list-style-type: none"> <li>• Identify, map, and quantify the impacted ESHA and/or Sensitive Natural Community.</li> <li>• Determine the appropriate replacement or restoration ratio to impact.</li> </ul>	

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
		<ul style="list-style-type: none"> <li>Identify suitable location for creating replacement habitat or restoring a site that previously had the equivalent ESHA and/or Sensitive Natural Community.</li> <li>Determine success criteria against which the replacement/restoration site would be judged to successfully have replaced or restored the ESHA and/or Sensitive Natural Community.</li> <li>Determine appropriate ongoing monitoring for the respective ESHA and/or Sensitive Natural Community. Monitoring shall include the timing and frequency of inspections, and documentation of inspections, until it is determined the success criteria has been met.</li> <li>If during monitoring it is found that the replacement and/or restoration is not succeeding, the PCSD shall consult with California Coastal Commission and California Department of Fish &amp; Wildlife to determine appropriate corrective actions.</li> </ul>	
<p><b>Impact BIO-3:</b> Would the project have a substantial adverse effect on protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?</p>	Significant	<p><b>Implement MM HWQ-1</b></p> <p><b>BIO-3a: Protect Wetlands during Construction</b>  Excluding wetlands that will be filled by project construction, the PCSD shall protect jurisdictional wetlands during construction. Prior to the start of construction, where construction activities occur within close proximity (100 feet) to delineated wetlands, high visibility construction fencing shall be erected to establish a no-disturbance buffer that would be adequate for the protection of the wetlands, determined by a qualified biologist. The fencing shall be checked weekly by a biological monitor to ensure its continued correct placement and stability.</p> <p><b>BIO-3b: Create Compensatory Mitigation Wetlands</b>  The PCSD shall avoid fill of seasonal wetlands and waters, to the extent feasible. If fill cannot be avoided, the PCSD shall compensate for the loss of seasonal wetland habitat through</p>	Less than Significant with Mitigation

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		the creation of on-site seasonal wetlands at a ratio of 3:1, so that there is no net loss in wetlands. Required permits and approvals from the U.S. Army Corp of Engineers, the North Coast Regional Water Quality Control Board, the California Department of Fish and Wildlife, and the California Coast Commission shall be received prior to the start of any on-site construction activity. The County shall ensure any additional measures outlined in the permits are implemented.	
<b>Impact BIO-4:</b> Would the project interfere substantially with the movement of any native resident or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	Less than Significant	None Required	
<b>Impact BIO-5:</b> Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	Significant	<b>Implement MMs BIO-2a, BIO-2b, BIO-3a, BIO-3b, and HWQ-1</b>	Less than Significant with Mitigation
<b>Impact BIO-6:</b> Would the project conflict with the provisions of an adopted Habitat Conservation Plan; Natural Community Conservation Plan; or other approved local, regional, or state habitat conservation plan?	No Impact	None Required	N/A
<b>Impact BIO-C-1:</b> Would the project result in a cumulatively considerable contribution to cumulative impacts related to biological resources?	Less than Cumulatively Considerable (Less than Significant)	None Required	N/A
<b>Section 4.4 Cultural and Tribal Cultural Resources</b>			
<b>Impact CTR-1:</b> Would the project cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	Significant	<b>CTR-1: Minimize Impacts on Adjacent Historic Resources</b> The County shall implement measures to minimize potential impacts of new development on adjacent contributing historic resources as a condition of approval of coastal development	Less than Significant with Mitigation

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		permits authorizing new construction of facilities within the Samoa Town Master Plan area subject to a D - Design Review Combining Zone. These shall include siting, design and screening of new buildings, consistent with Design Guidelines, including compatible building height, scale, materials, roof and wall mass and articulation.	
<p><b>Impact CTR-2:</b> Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?</p>	Significant	<p><b>CTR-2: Protect Archaeological Resources during Construction</b></p> <p>The PCSD shall protect unknown archaeological resources. Should an archaeological resource be inadvertently discovered during ground-disturbing activities, the Tribal Historic Preservation Officers (THPO) appointed by the Blue Lake Rancheria, Bear River Band of Rohnerville Rancheria and Wiyot Tribe shall be immediately notified and a qualified archaeologist with local experience retained to consult with the PCSD, the three THPOs, Humboldt County and other applicable regulatory agencies to employ best practices for assessing the significance of the find, developing and implementing a mitigation plan if avoidance is not feasible, and reporting in accordance with the Harbor District's Standard Operating Procedures. The Standard Operating Procedures include, but are not limited to, the following:</p> <ul style="list-style-type: none"> <li>• Ground-disturbing activities shall be immediately stopped if potentially significant historic or archaeological materials are discovered. Examples include, but are not limited to, concentrations of historic artifacts (e.g., bottles, ceramics) or prehistoric artifacts (chipped chert or obsidian, arrow points, groundstone mortars and pestles), culturally altered ash-stained midden soils associated with pre-contact Native American habitation sites, concentrations of fire-altered rock and/or burned or charred organic materials, and historic structure remains such as stone-lined building foundations, wells or privy pits. Ground-disturbing project activities may continue in other areas that are outside the discovery locale.</li> </ul>	Less than Significant with Mitigation

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		<ul style="list-style-type: none"> <li>• An “exclusion zone” where unauthorized equipment and personnel are not permitted shall be established (e.g., taped off) around the discovery area plus a reasonable bufferzone by the Contractor Foreman or authorized representative, or party who made the discovery and initiated these measures.</li> <li>• The discovery locale shall be secured (e.g., 24-hour surveillance) as directed by the PCSD if considered prudent to avoid further disturbances.</li> <li>• The Contractor Foreman or authorized representative, or party who made the discovery and initiated these SOP, shall be responsible for immediately contacting by telephone the parties listed below to report the find: <ul style="list-style-type: none"> <li>o the PCSD’s authorized Point of Contact (POC), and</li> <li>o the Applicant’s (District’s permittee, lease or franchise holder) authorized POC, and it’s General Contractor’s POC if applicable.</li> </ul> </li> <li>• Upon learning about a discovery, the PCSD’s POC shall be responsible for immediately contacting by telephone the POCs listed below to initiate the consultation process for its treatment and disposition: <ul style="list-style-type: none"> <li>o THPOs with Blue Lake Rancheria, Bear River Band and Wiyot Tribe; and Other applicable agencies involved in Project permitting (e.g., US Army Corps of Engineers, US Fish &amp; Wildlife Service, California Department of Fish &amp; Wildlife, etc.).</li> </ul> </li> <li>• Ground-disturbing project work at the find locality shall be suspended temporarily while PCSD, the three THPOs, consulting archaeologist and other applicable parties consult about appropriate treatment and disposition of the find. Ideally, a Treatment Plan will be developed within three working days of discovery notification. Where the project can be modified to avoid disturbing the find (e.g., through project redesign), this may be the preferred option. Should Native American remains be encountered, the</li> </ul>	

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		<p>provisions of State laws shall apply (see below). The Treatment Plan shall reference appropriate laws and include provisions for analyses, reporting, and final disposition of data recovery documentation and any collected artifacts or other archaeological constituents. Ideally, the field phase of the Treatment Plan may be accomplished within five (5) days after its approval, however, circumstances may require longer periods for data recovery.</p> <ul style="list-style-type: none"> <li>The PCSD's officers, employees and agents, including contractors, permittees, holders of leases or franchises, and applicable property owners shall be obligated to protect significant cultural resource discoveries and may be subject to prosecution if applicable State or Federal laws are violated. In no event shall unauthorized persons collect artifacts.</li> <li>Any and all inadvertent discoveries shall be considered strictly confidential, with information about their location and nature being disclosed only to those with a need to know. The PCSD's authorized representative shall be responsible for coordinating with any requests by or contacts to the media about a discovery.</li> <li>These Standard Operating Procedures shall be communicated to the field work force (including contractors, employees, officers and agents) of those entities that obtain a permit, lease or franchise from the PCSD, and such communications may be made and documented at weekly tailgate safety briefings.</li> <li>Ground-disturbing work at a discovery locale may not be resumed until authorized in writing by the PCSD.</li> </ul>	
<p><b>Impact CTR-3:</b> Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?</p>	<p>Significant</p>	<p><b>CTR-3: Recovery of Unknown Buried Paleontological Resources</b></p> <p>In the event that paleontological resources are discovered, the PCSD shall notify a qualified paleontologist. The paleontologist shall document the discovery as needed, evaluate the potential</p>	<p>Less than Significant with Mitigation</p>

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		<p>resource, and assess the significance of the find under the criteria set forth in CEQA Guidelines Section 15064.5. If fossilized materials are discovered during construction, excavations within 50 feet of the find shall be temporarily halted or diverted until the discovery is examined by a qualified paleontologist. The paleontologist shall notify the appropriate agency to determine procedures that would be followed before construction is allowed to resume at the location of the find.</p> <p>If the PCSD determines that avoidance is not feasible, the paleontologist shall prepare an excavation plan for mitigating the effect of the project on the qualities that make the resource important. The plan shall be submitted to the PCSD for review and approval prior to implementation.</p>	
<p><b>Impact CTR-4:</b> Would the project disturb any human remains, including those interred outside of formal cemeteries?</p>	<p>Significant</p>	<p><b>CTR-4: Protect Human Remains if Encountered during Construction</b></p> <p>Should human remains be inadvertently discovered during ground-disturbing activities, work at the discovery locale shall be halted immediately, the PCSD and County Coroner contacted, and the Harbor District’s Standard Operating Procedures shall be followed, consistent with Public Resources Code § 5097.9 and Health and Safety Code § 7050.5. The Standard Operating Procedures include, but are not limited to, the following:</p> <ul style="list-style-type: none"> <li>• If human remains are encountered, they shall be treated with dignity and respect. Discovery of Native American remains is a very sensitive issue and serious concern of affiliated Native Americans. Information about such a discovery shall be held in confidence by all project personnel on a need-to-know basis. The rights of Native Americans to practice ceremonial observances on sites, in labs and around artifacts shall be upheld.</li> <li>• Violators of Section 7050.5 of the California Health and Safety Code may be subject to prosecution to the full extent of applicable law (felony offense).</li> </ul>	<p>Less than Significant with Mitigation</p>

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
		<ul style="list-style-type: none"> <li>• The Coroner has two working days to examine the remains after being notified of the discovery. If the remains are Native American, the Coroner has 24 hours to notify the Native American Heritage Commission (NAHC) in Sacramento at (916) 653-4082.</li> <li>• The NAHC is responsible for identifying and immediately notifying the Most Likely Descendant (MLD) of the deceased Native American. (Note: NAHC policy holds that the Native American Monitor will not be designated the MLD.)</li> <li>• Within 48 hours of their notification by the NAHC, the MLD will be granted permission by the property owner of the discovery locale to inspect the discovery site if they so choose.</li> <li>• Within 48 hours of their notification by the NAHC, the MLD may recommend to the owner of the property (discovery site) the means for treating or disposing, with appropriate dignity, the human remains and any associated grave goods. The recommendation may include the scientific removal and non-destructive or destructive analysis of human remains and items associated with Native American burials. Only those osteological analyses (if any) recommended by the MLD may be considered and carried out.</li> <li>• Whenever the NAHC is unable to identify a MLD, or the MLD fails to make a recommendation, or the property owner rejects the recommendation of the MLD and mediation between the parties by NAHC fails to provide measures acceptable to the property owner, he/she shall cause the re-burial of the human remains and associated grave offerings with appropriate dignity on the property in a location not subject to further subsurface disturbance.</li> </ul>	
<p><b>Impact CTR-5:</b> Would the project cause a substantial adverse change in the significance of a tribal cultural resource,</p>	<p>Significant</p>	<p><b>CTR-5: Minimize Impacts to Unknown Tribal Cultural Resources</b></p>	<p>Less than Significant with Mitigation</p>

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
<p>defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?</p>		<p>Prior to construction, all three Wiyot groups, Bear River Band of the Rohnerville Rancheria, Blue Lake Rancheria, and the Wiyot Tribe, shall be contacted and provided the opportunity to monitor ground-disturbing activities. If potential tribal cultural resources are uncovered during construction, the PCSD shall halt work, and workers shall avoid altering the materials and their context. Project personnel shall not collect cultural materials. The PCSD shall immediately notify the Tribal Historic Preservation Officers (THPO) appointed by the Blue Lake Rancheria, Bear River Band of Rohnerville Rancheria and Wiyot Tribe shall be immediately notified and a qualified archaeologist with local experience retained to consult with the PCSD, the three THPOs, other applicable regulatory agencies to employ best practices for assessing the significance of the find, developing and implementing a mitigation plan if avoidance is not feasible, and reporting in accordance with the <i>Protocols for Inadvertent Archaeological Discoveries for Ground Disturbing Project Permits, Leases and Franchises Issued by The Humboldt Bay Harbor, Recreation, and Conservation District, Humboldt Bay, California</i>, with the substitution of PCSD staff for Harbor District Staff.</p>	
<p><b>Impact CTR-C-1:</b> Would the project result in a cumulatively considerable contribution to a cumulative impact?</p>	<p>Less than Cumulatively Considerable (Less than Significant)</p>	<p>None Required</p>	<p>N/A</p>
<p><b>Section 4.5 Geology, Soils, and Seismicity</b></p>			
<p><b>Impact GEO-1:</b> Would the project expose people or structures to potential substantial adverse effects involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map</p>	<p>No Impact</p>	<p>None Required</p>	<p>N/A</p>

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
issued by the State Geologist for the area or based on other substantial evidence of a known fault?			
<b>Impact GEO-2:</b> Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death, involving strong seismic ground shaking?	Significant	<b>GEO-2: Reduce Geologic Hazards through Design and Construction Measures</b> The PCSD shall design and construct the project in conformance with the specific recommendations contained in the geotechnical report prepared for the project. Specifically, the design and construction shall be consistent with the geotechnical recommendations for seismic design and liquefiable soils, which may include flexible joints for underground utilities, preventing flotation of pipelines, earthwork, and excavation. Professional inspection of the pipe installation and any foundations shall be performed during construction to ensure compliance with the recommendations.	Less than Significant with Mitigation
<b>Impact GEO-3:</b> Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death, involving seismic-related ground failure, including liquefaction?	Significant	<b>Implement MM GEO-2</b>	Less than Significant with Mitigation
<b>Impact GEO-4:</b> Would the project expose people or structures to potential substantial adverse effects involving landslides?	No Impact	None Required	N/A
<b>Impact GEO-5:</b> Would the project result in substantial soil erosion or the loss of topsoil?	Less than Significant	None Required	N/A
<b>Impact GEO-6:</b> Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral	Less than Significant	None Required	N/A

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
spreading, subsidence, liquefaction or collapse?			
<b>Impact GEO-7:</b> Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	No Impact	None Required	N/A
<b>Impact GEO-8:</b> Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	No Impact	None Required	N/A
<b>Impact GEO-C-1:</b> Would the project result in a cumulatively considerable contribution to a significant cumulative impact related to geology and soils?	No Impact	None Required	N/A
<b>Section 4.6 Greenhouse Gas Emissions</b>			
<b>Impact GHG-1:</b> Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	Less than Significant	None Required	N/A
<b>Impact GHG-2:</b> Would the project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	No Impact	None Required	N/A
<b>Impact GHG-C-1:</b> Would the project result in a cumulatively considerable contribution to a cumulative impact related to greenhouse gases?	Less than Cumulatively Considerable (Less than Significant)	None Required	N/A

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
<b>Section 4.7 Hazards and Hazardous Materials</b>			
<b>Impact HAZ-1:</b> Would the project create a significant hazard through the routine transport, use or disposal of hazardous materials, substances or waste or through reasonably foreseeable upset and accident conditions involving the release of hazardous materials?	Less than Significant	None Required	N/A
<b>Impact HAZ-2:</b> Would the project emit hazardous emissions or involve handling hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	No Impact	None Required	N/A
<b>Impact HAZ-3:</b> Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65965.5 and, as a result, would it create a significant hazard to the public or the environment?	Significant	<p><b>HAZ-3: Soil and Groundwater Management during Construction</b></p> <p>The PCSD shall prepare a construction Soil and Groundwater Management Plan (SGMP) prior to start of construction activities. The SGMP will include the following components:</p> <ol style="list-style-type: none"> <li>1. Soil Pre-characterization Workplan. A work plan that identifies potential COCs for laboratory analysis, location, and number of borings necessary for pre-characterization and depths for sample collection. This work will be completed by professional engineer or geologist licensed in the state of California. Pre-characterization soil borings shall be conducted in areas that are within or adjacent to sites with hazard ranks of one, two, or three where soil will be disturbed or groundwater encountered by project construction activities. Surficial and depth-discrete samples shall be collected to the proposed depth of excavation. Fill materials may be encountered within or adjacent to sites with a hazard rank of 3 where historical activities and site reconnaissance suggest that areas within or adjacent to the project alignment were filled. Fill materials may include wood debris from treated lumber.</li> </ol>	Less than Significant with Mitigation

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
		<ol style="list-style-type: none"> <li>2. Health and Safety Plan. Data generated from the soil pre-characterization will be used to prepare a project-specific construction-period health and safety plan and identify areas where impacted soil and/or groundwater management for worker protection may be necessary.</li> <li>3. Field Screening Procedures. Field screening procedures shall be identified in the SGMP and enacted during construction to identify potentially impacted soil in areas of the project alignment that are within or adjacent to sites with hazard ranks of one, two, or three. If impacted soil or groundwater is encountered during construction activities, follow-up measures (such as, soil and groundwater sample collection, laboratory analysis, stockpiling, impacted soil segregation, and manifested disposal) may be necessary.</li> <li>4. Follow-up Measures. The SGMP will identify follow-up measures to be taken in the event impacted soil or groundwater is encountered during construction activities. The SGMP will identify each potential COC, stop-work actions if encountered, person(s) responsible for initiating follow-up measures, and notification, coordination, removal, and disposal processes (as appropriate). If impacted soil and groundwater is encountered during construction, appropriate measures for worker protection shall be implemented per the Health and Safety Plan.</li> </ol>	
<p><b>Impact HAZ-4:</b> Would the project be located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, and result in a safety hazard for people residing or working in the project area?</p>	<p>Less than Significant</p>	<p>None Required</p>	<p>N/A</p>
<p><b>Impact HAZ-5:</b> Would the project result in a safety hazard for people residing or working in the project area due to a</p>	<p>No Impact</p>	<p>None Required</p>	<p>N/A</p>

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
private airstrip located within two miles of the project site?			
<b>Impact HAZ-6:</b> Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	Less than Significant	None Required	N/A
<b>Impact HAZ-7:</b> Would the project expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	Less than Significant	None Required	N/A
<b>Impact HAZ-C-1:</b> Would the project result in a cumulatively considerable contribution to a significant cumulative impact related to hazards or hazardous materials?	Less than Cumulatively Considerable (Less than Significant)	None Required	N/A
<b>Section 4.8 Hydrology and Water Quality</b>			
<b>Impact HWQ-1:</b> Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade water quality?	Significant	<b>HWQ-1a: Manage Stormwater during Construction</b> The PCSD shall prepare a stormwater pollution prevention plan (SWPPP) specific to the project and be responsible for securing coverage under SWRCB's NPDES stormwater permit for general construction activity (Order 2009-0009-DWQ). The SWPPP shall identify specific actions and BMPs relating to the prevention of stormwater pollution from project-related construction sources by identifying a practical sequence for site restoration, BMP implementation, contingency measures, responsible parties, and agency contacts. The SWPPP shall reflect localized surface hydrological conditions and shall be reviewed and approved by the project applicant prior to commencement of work and shall be made conditions of the contract with the contractor selected to build the project. The	Less than Significant with Mitigation

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
		<p>SWPPP(s) shall incorporate control measures in the following categories:</p> <ul style="list-style-type: none"> <li>• Soil stabilization and erosion control practices (e.g., hydroseeding, erosion control blankets, mulching);</li> <li>• Dewatering and/or flow diversion practices, if required (see Mitigation Measure HWQ-1b);</li> <li>• Sediment control practices (temporary sediment basins, fiber rolls);</li> <li>• Temporary and post-construction on- and off-site runoff controls;</li> <li>• Special considerations and BMPs for water crossings, wetlands, and drainages;</li> <li>• Monitoring protocols for discharge(s) and receiving waters, with emphasis placed on the following water quality objectives: dissolved oxygen, floating material, oil and grease, pH, and turbidity;</li> <li>• Waste management, handling, and disposal control practices;</li> <li>• Corrective action and spill contingency measures;</li> <li>• Agency and responsible party contact information, and</li> <li>• Training procedures that shall be used to ensure that workers are aware of permit requirements and proper installation methods for BMPs specified in the SWPPP.</li> </ul> <p>The SWPPP shall be prepared by a qualified SWPPP practitioner with BMPs selected to achieve maximum pollutant removal and that represent the best available technology that is economically achievable. Emphasis for BMPs shall be placed on controlling discharges of oxygen-depleting substances, floating material, oil and grease, acidic or caustic substances or compounds, and turbidity. BMPs for soil stabilization and erosion control practices and sediment control practices will also be required. Performance and effectiveness of these BMPs shall be determined either by visual means where applicable (i.e., observation of above-normal sediment</p>	

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
		<p>release), or by actual water sampling in cases where verification of contaminant reduction or elimination, (inadvertent petroleum release) is required to determine adequacy of the measure.</p> <p><b>HWQ-1b: Construction Dewatering Permits</b>  All construction dewatering shall be discharged to an approved land disposal area or drainage facility in accordance with a NPDES permit and North Coast RWQCB requirements. The PCSD shall apply for the NPDES permit and provide the NCRWQCB with the location, type of discharge, and methods of treatment and monitoring for all groundwater dewatering discharges, prior to dewatering activities. Emphasis shall be placed on those discharges that would occur directly or in proximity to surface water bodies and drainage facilities.</p>	
<p><b>Impact HWQ-2:</b> Would the project substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rates of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?</p>	<p>Less than Significant</p>	<p>None Required</p>	<p>N/A</p>
<p><b>Impact HWQ-3:</b> Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or the increase in the rate or amount of surface runoff, in a manner which would result in substantial erosion or siltation or flooding on- or off-site?</p>	<p>No Impact</p>	<p>None Required</p>	<p>N/A</p>

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
<b>Impact HWQ-4:</b> Would the project create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems, provide substantial additional sources of polluted runoff?	Less than Significant	None Required	N/A
<b>Impact HWQ-5:</b> Would the project place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	No Impact	None Required	N/A
<b>Impact HWQ-6:</b> Would the project place within a 100-year flood hazard area structures which would impede or redirect flood flows?	No Impact	None Required	N/A
<b>Impact HWQ-7:</b> Would the project expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	No Impact	None Required	N/A
<b>Impact HWQ-8:</b> Would the project be subject to inundation by seiche, tsunami, or mudflow?	Less than Significant	None Required	N/A
<b>Impact HWQ-C-1:</b> Would the project result in a cumulatively considerable contribution to a cumulative impact related to hydrology and water quality?	Cumulatively Considerable	<b>Implement MMs HWQ-1a and HWQ-1b</b>	Less than Cumulatively Considerable (Less than Significant)
<b>Section 4.9 Land Use and Planning</b>			
<b>Impact LU-1:</b> Would the project physically divide an established community?	No Impact	None Required	N/A

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
<b>Impact LU-2:</b> Would the project conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	No Impact	None Required	N/A
<b>Impact LU-3:</b> Would the project conflict with any applicable habitat conservation plan or natural community conservation plan?	No Impact	None Required	N/A
<b>Impact LU-C-1:</b> Would the project result in a cumulatively considerable contribution to cumulative impacts related to land use?	Less than Cumulatively Considerable (Less than Significant)	None Required	N/A
<b>Section 4.10 Noise</b>			
<b>Impact NOI-1:</b> Would the project result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	Significant	<b>NOI-1: Noise Attenuation Design for Pump Stations</b> The County shall require each pump station design to include a demonstration that pump-generated noise would be attenuated to less than 60 dBA at the exterior of the pump station.	Less than Significant with Mitigation
<b>Impact NOI-2:</b> Would the project result in exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	Less than Significant	None Required	N/A
<b>Impact NOI-3:</b> Would the project result in a substantial permanent increase in ambient noise levels in the project	Significant	<b>Implement MM NOI-1</b>	Less than Significant with Mitigation

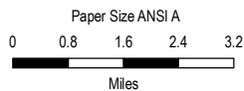
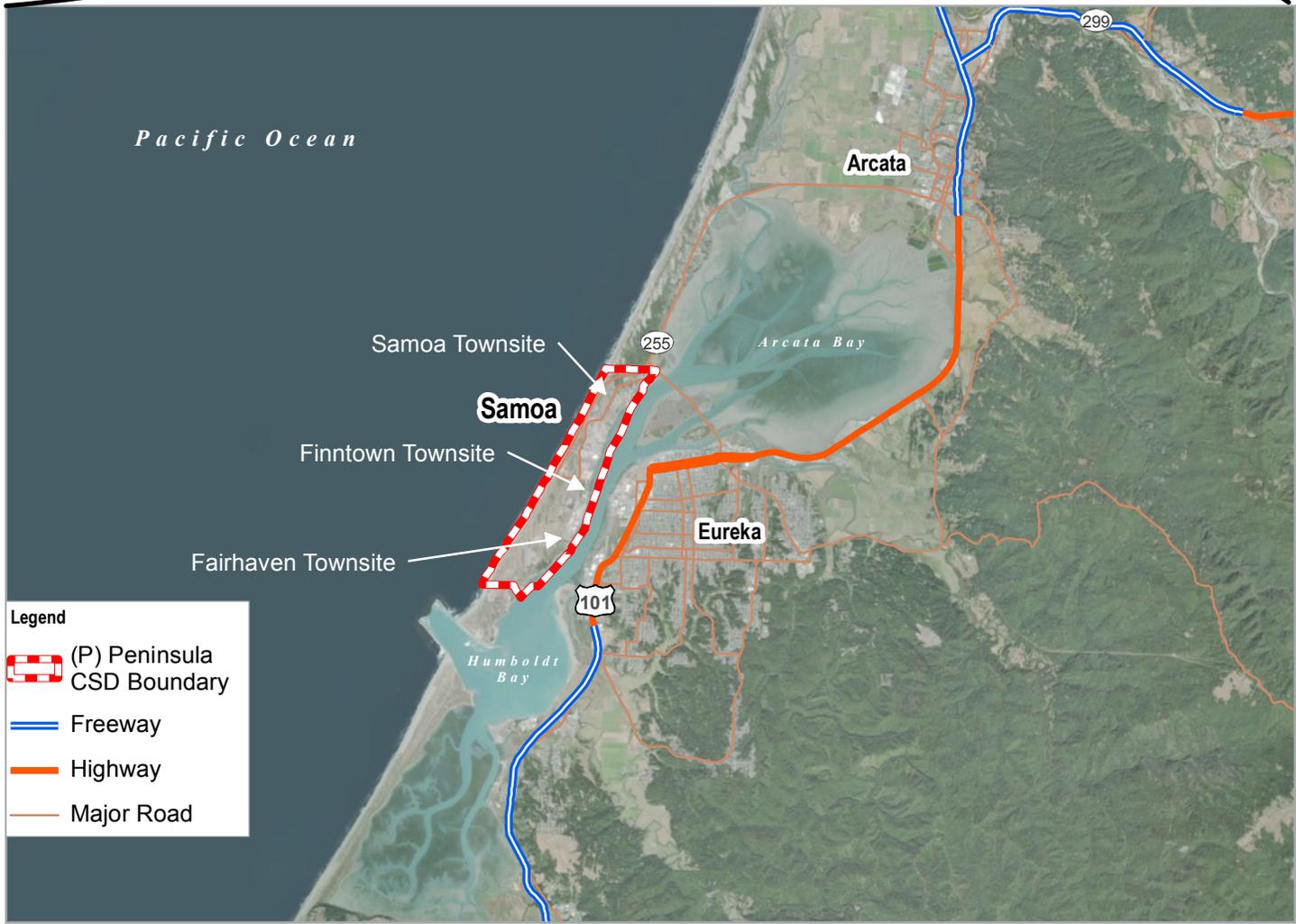
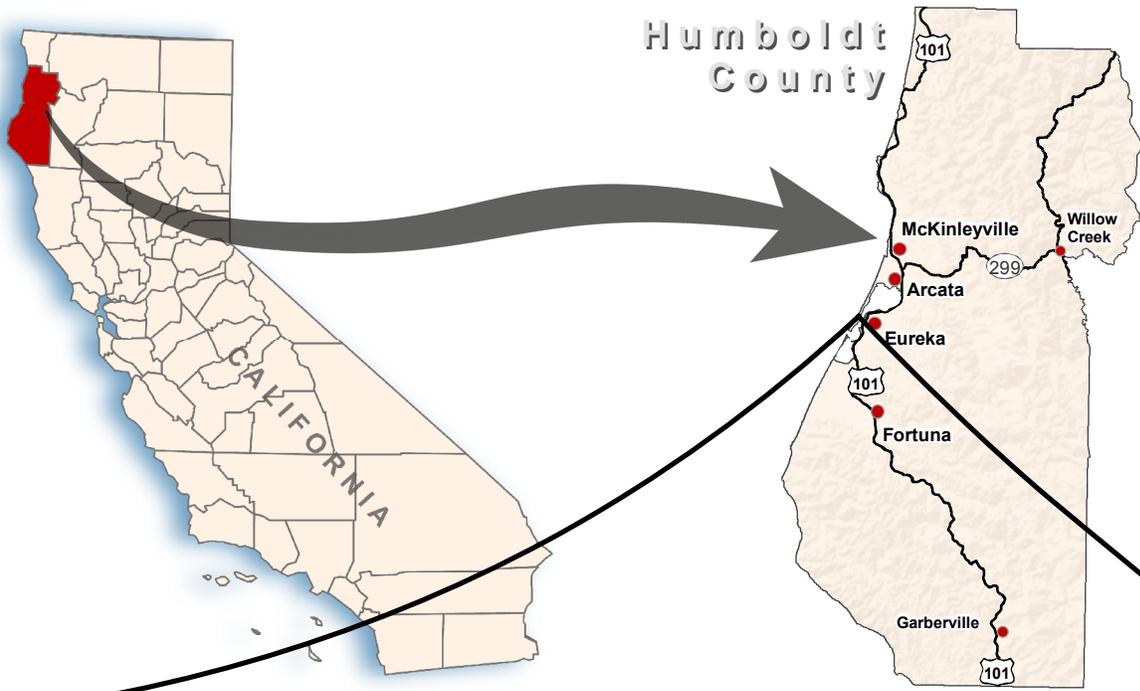
Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
vicinity above levels existing without the project?			
<b>Impact NOI-4:</b> Would the project result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	Less than Significant	None Required	N/A
<b>Impact NOI-5:</b> Would the project be located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, and expose people residing or working in the project area to excessive noise levels?	No Impact	None Required	N/A
<b>Impact NOI-6:</b> Would the project be located within the vicinity of a private airstrip, and expose people residing or working in the project area to excessive noise levels?	No Impact	None Required	N/A
<b>Impact NOI-C-1:</b> Would the project contribute to cumulatively considerable noise impacts?	Less than Cumulatively Considerable (Less than Significant)	None Required	N/A
<b>Section 4.11 Population and Housing</b>			
<b>Impact POP-1:</b> Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirect (for example, through extension of roads or other infrastructure?)	Less than Significant	None Required	N/A
<b>Impact POP-2:</b> Would the project displace substantial numbers of existing	No Impact	None Required	N/A

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
housing or people, necessitating the construction of replacement housing elsewhere?			
<b>Impact POP-C-1:</b> Would the project result in a cumulatively considerable contribution to cumulative impacts related to population and housing?	Less than Cumulatively Considerable (Less than Significant)	None Required	N/A
<b>Section 4.12 Public Services and Recreation</b>			
<b>Impact PSR-1:</b> Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services: fire protection, police protection, schools, parks, and/or other public facilities?	Less than Significant	None Required	N/A
<b>Impact PSR-2:</b> Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	Less than Significant	None Required	N/A
<b>Impact PSR-3:</b> Would the project include recreational facilities or require the construction or expansion of recreation facilities which might have an adverse physical effect on the environment?	Less than Significant	None Required	N/A

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
<b>Impact PSR-C-1:</b> Would the project result in a cumulatively considerable contribution to cumulative impacts related to public services or recreational resources?	Less than Cumulatively Considerable (Less than Significant)	None Required	N/A
<b>Section 4.13 Transportation and Traffic</b>			
<b>Impact TRA-1:</b> Would the project conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	Less than Significant	None Required	N/A
<b>Impact TRA-2:</b> Would the project conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	No Impact	None Required	N/A
<b>Impact TRA-3:</b> Would the project result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	No Impact	None Required	N/A
<b>Impact TRA-4:</b> Would the project substantially increase hazards due to a design feature or incompatible use?	Less than Significant	None Required	N/A

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
<b>Impact TRA-5:</b> Would the project result in inadequate emergency access?	Less than Significant	None Required	N/A
<b>Impact TRA-6:</b> Would the project conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	Less than Significant	None Required	N/A
<b>Impact TRA-C-1:</b> Would the project result in cumulatively considerable contributions to cumulative impacts related to transportation?	Less than Cumulatively Considerable (Less than Significant)	None Required	N/A
<b>Section 4.14 Utilities and Service Systems</b>			
<b>Impact UTI-1:</b> Would the project exceed the wastewater treatment requirements of the applicable Regional Water Quality Control Board.	Less than Significant	None Required	N/A
<b>Impact UTI-2:</b> Would the project require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects.	No Impact	None Required	N/A
<b>Impact UTI-3:</b> Would the project require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects.	No Impact	None Required	N/A
<b>Impact UTI-4:</b> Would the project have sufficient water supplies available to serve the project from existing	Less than Significant	None Required	N/A

Environmental Impact	Impact Significance	Mitigation Measure	Impact After Mitigation
entitlements and resources, or are new or expanded entitlements needed.			
<b>Impact UTI-5:</b> Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments.	Less than Significant	None Required	N/A
<b>Impact UTI-6:</b> Would the project be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs.	Less than Significant	None Required	N/A
<b>Impact UTI-7:</b> Would the project comply with federal, state, and local statutes and regulations related to solid waste.	No Impact	None Required	N/A
<b>Impact UTI-C-1:</b> Would the project result in a cumulatively considerable contribution to a cumulative impact related to utility or service systems.	Less than Cumulatively Considerable (Less than Significant)	None Required	N/A



County of Humboldt  
 Samoa Peninsula Wastewater Project  
 Draft EIR

Project No. 11146487  
 Revision No. -  
 Date Jul 2018

Map Projection: Lambert Conformal Conic  
 Horizontal Datum: North American 1983  
 Grid: NAD 1983 StatePlane California 1 FIPS 0401 Feet

**Location Map**

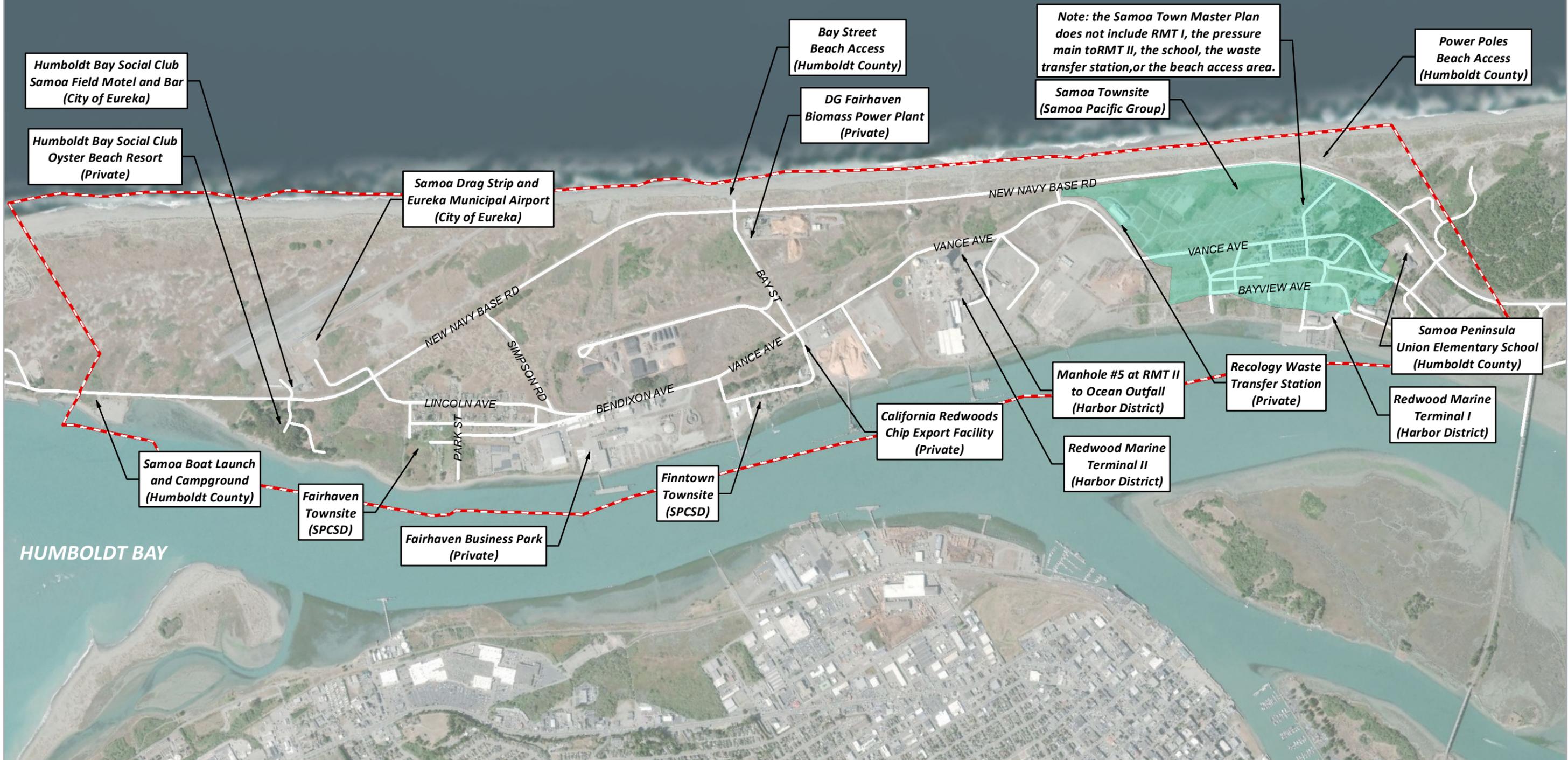
**FIGURE 1-1**

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PACIFIC OCEAN

**Legend**

- Samoa Town Master Plan Area
- (P) Peninsula CSD Boundary



*Note: the Samoa Town Master Plan does not include RMT I, the pressure main to RMT II, the school, the waste transfer station, or the beach access area.*

HUMBOLDT BAY

**Data Disclaimer**  
 Proposed Samoa Peninsula Community Services District (SPCSD) boundary dependent upon Humboldt County Local Area Formation Commission (LAFCo) approval.

Paper Size ANSI B

0 375 750 1,125 1,500  
 Feet

Map Projection: Lambert Conformal Conic  
 Horizontal Datum: North American 1983  
 Grid: NAD 1983 StatePlane California I FIPS 0401 Feet



County of Humboldt Samoa  
 Peninsula Wastewater  
 Project  
 Draft EIR

**Project Service Area**

Project No. SHN017203  
 Revision No. -  
 Date Aug 2018

**FIGURE 1-2**

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 Print date: 06 Aug 2018 - 08:22

Data source: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community. Created by SHN: cswanson

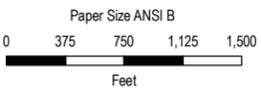
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Pacific Ocean

Humboldt Bay

**Proposed Activity**

-  Project Boundary
-  Staging
-  Peninsula CSD Boundary



Map Projection: Lambert Conformal Conic  
 Horizontal Datum: North American 1983  
 Grid: NAD 1983 StatePlane California I FIPS 0401 Feet



County of Humboldt  
 Samoa Peninsula  
 Wastewater Project  
 Draft EIR

Project No. 11146487  
 Revision No. C  
 Date Aug 2018

Project Boundary

FIGURE 1-3

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 Print date: 16 Aug 2018 - 11:36  
 Data source: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community. Created by: jclark2

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