SAUSALITO-MARIN CITY SANITARY DISTRICT

RESOLUTION NO. 994

TREATMENT AND WET WEATHER FLOW UPGRADE PROJECT A RESOLUTION MAKING FINDINGS AND APPROVING THE PROJECT MITIGATED
NEGATIVE DECLARATION AND ASSOCIATED MITIGATION MONITORING AND
REPORTING PROGRAM AND DIRECTING FILING OF NOTICE OF DETERMINATION,
PURSUANT TO CALIFORNIA ENVIRONMENTAL QUALITY ACT

The Board of Directors of the Sausalito-Marin City Sanitary District, Marin County finds and determines as follows:

WHEREAS, The Sausalito-Marin City Sanitary District (SMCSD) provides sewage collection, treatment and disposal to approximately 18,000 people in the City of Sausalito, the unincorporated community of Marin City, the Marin Headlands, including Fort Baker, Fort Cronkhite, FortBarry, the Marine Mammal Center of the Golden Gate National Recreation Area (GGNRA), and the Tamalpais Community Services District. The SMCSD serves residences, businesses, and public facilities. The SMCSD wastewater treatment facility is at 1 East Road, near Alexander Avenue, just south of the city limit of Sausalito and in the GGNRA of the National Park Service (NPS), in a cove along San Francisco Bay, in the Fort Baker area of the GGNRA; and

WHEREAS, In compliance with the conditions of the facility NPDES permit, and EPA directives, the SMCSD proposes to construct the Treatment and Wet Weather Flow Upgrade Project (project). The project would comply with regulations and eliminate wet weather blending events at flow capacities of up to 9.0 MGD, and improve plant reliability and overall performance for the protection of public health and the San Francisco Bay. The project would provide additional treatment of the wastewater, but it would not add additional overall treatment capacity; and

WHEREAS, The SMCSD treatment facility is on land formerly under the jurisdiction of the US Army. The Army authorized the construction of the facility in the 1950s pursuant to the May 1953 Easement SFRE(s)409. This easement was superseded in 1967 by Easement DA-04-167-ENG 67015 for a 50-year term to accommodate the facility secondary treatment upgrade project. Areas of Fort Baker and the Marin Headlands, including the SMCSD plant and the DOA Easement, were transferred to the NPS pursuant to a March 10, 1986 Letter of Acceptance from the Secretary of the Interior to the Army which continues in effect; and

WHEREAS, NPS coordination and approval is required for the project because any modifications or construction subsequent to the easement transfer is subject to the approval of the GGNRA Park Superintendent, who is effectively the successor of the commanding officer of the Army at Fort Baker. The Council on Environmental Quality (CEQ) regulations for implementing the National Environmental Policy Act (NEPA) requires that federal agencies consider the potential significant effects associated with implementation of a proposed action under federal jurisdiction. Internal and external scoping with agencies and the public indicated that the proposed action would not likely have a significant negative effect on the environment, so a Environmental Assessment/Initial Study (EA/IS) is the appropriate NEPA document; and

WHEREAS, The proposed project qualifies as a project under California Environmental Quality Act (CEQA) Guidelines Sec. 15378 et seq. (PRC Sec. 21065), so it is subject to environmental review under CEQA. Based on the scope of the proposed action, an Initial Study (IS) determined the appropriate level of CEQA documentation. This Initial Study addressed all required items of the CEQA checklist, as revised in 2010, and 2011. The NPS is the lead agency under NEPA, and the SMCSD is the CEQA lead agency, and

WHEREAS, In coordination with the NPS, the SMCSD has completed the required EA/IS document and has complied with the NPS and public scoping and review requirements pursuant to CEQA Guidelines Sec. 15072 and 15073.; and

WHEREAS, Based on the results of EA/IS document, the SMCSD as the CEQA Lead Agency, has prepared a Mitigated Negative Declaration and associated Mitigation Monitoring and Reporting Program pursuant to the requirements of CEQA, Public Resources Code, Section 21000 et seq, and the State CEQA Guidelines, California Code of Regulations, Title 14, Division 6, Chapter 3, Section 15000 et seq. These documents are included with this Resolution as <a href="https://documents.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.ncbi.nlm.n

NOW, THEREFORE, BE IT RESOLVED, the Board of Directors of the Sausalito-Marin City Sanitary District does hereby make the stated findings and approve the Treatment and Wet Weather Flow Upgrade Project (project) Mitigated Negative Declaration and associated Mitigation Monitoring and Reporting Program pursuant to the requirements of CEQA.

BE IT FURTHER RESOLVED, the Board Secretary is directed and authorized to file a copy of said Notice of Determination, with a certified copy of this Resolution attached, in the District office and in the office of the County Clerk of the County of Marin.

I hereby certify that the foregoing Resolution was duly and regularly adopted by the Board of Directors of the Sausalito-Marin City Sanitary District, Marin County, California, at a meeting held on <u>January 6</u>, <u>2014</u>, by the following vote:

AYES, and in favor thereof, Directors: Arnott, Beers, DeLano, Rheiner, Ring

NOES.

None

ABSTAIN,

None

ABSENT,

None

Rebecca Vaughn, Secretary

APPROVED:

Dan Rheiner, Board President



MITIGATED NEGATIVE DECLARATION

This Mitigated Negative Declaration has been prepared pursuant to the requirements of the California Environmental Quality Act (CEQA), Public Resources Code, Section 21000 et seq, and the *State CEQA Guidelines*, California Code of Regulations, Title 14, Division 6, Chapter 3, Section 15000 et seq.

PROJECT DESCRIPTION

The Sausalito-Marin City Sanitary District (SMCSD) Treatment Plant Upgrade Project will implement facility and process improvements to the existing treatment operations, including the addition of a headworks, new primary clarifier, secondary upgrades, tertiary polishing, and equalization storage. The project has been developed to address regulatory compliance, plant operation, reliability, performance, and to prevent wet weather blending events for influent flows of up to 9.0 million gallons per day (MGD). The project includes the following components:

- Headworks Improvements
 - New screening and grit removal facilities
 - New material handling area with truck turntable
- Primary Treatment Improvements
 - New circular primary clarifier
- Secondary and Tertiary Improvements (located within the existing treatment area)
 - New Fixed Film Reactor (FFR) feed pumps with 9.0 MGD capacity
 - Replacement of existing FFR media
 - FFR odor control covers
 - Replacement and increased capacity of existing tertiary filtration process
- Equalization Storage
 - Minimum of 0.6 million gallons (MG)
- Administration Building Remodel
 - Address Americans with Disabilities Act (ADA) access requirements
 - Remodel existing building to minimize construction cost and impacts
- Relocated Access Road
 - Relocate existing access road to accommodate headworks, primary and material handling facilities and to improve plant safety.

All of the proposed improvements will be within SMCSD's existing easement, and 95 percent of the proposed improvements will be constructed within the existing 2.0 acre SMCSD facility footprint

increasing the existing plant footprint by less than 0.1 acres in the area north of the existing access road. The northern edge of the treatment facility will be extended approximately 40 feet at its widest point.

The public currently has access to the San Francisco Bay and the SMCSD intends to maintain public access as part of the San Francisco Bay Conservation and Development Commission (BCDC) permit amendment for the project. The project will allow public access along the relocated road but will prevent public access to the treatment plant site.

A more detailed description of the individual project components is presented in the following paragraphs.

Headworks (Screenings and Grit Removal)

Screening and grit removal is critical to the protection of wastewater treatment equipment as trash and inert particles in wastewater including sand and gravel, can cause unnecessary abrasion and wear on mechanical equipment, the build-up of deposits in pipelines, channels, and process structures. Screening and grit facilities will allow SMCSD to remove trash and grit at the beginning of the wastewater process to provide a more effective method for handling these materials.

Primary Treatment

The SMCSD treatment plant currently has one circular primary clarifier built in the 1950s. Since all flow to the treatment plant passes through it, the clarifier cannot be taken out of service for maintenance or repairs without adversely impacting plant performance. The flow rate through the primary clarifier during wet weather flow exceeds the peak design value. As a result, the clarifier's solids removal capacity is greatly reduced at peak flow rates. An additional primary clarifier is needed to treat peak flows, and to provide the redundancy during dry weather to allow maintenance operations without impacting plant operations.

Secondary Treatment Upgrade

During peak wet weather events, the influent flow to the treatment plant can exceed the process capacity of the FFRs that is limited to the 6.8 MGD capacity of the FFR feed pump station. At flows greater than 6.8 MGD, primary effluent is passively routed around the FFRs and directed to the secondary clarifiers. This operational strategy of mixing primary effluent and secondary effluent is commonly referred to as "blending" and is currently allowed under the SMCSD National Pollutant Discharge Elimination System (NPDES) permit.

Blending requires additional sampling, data collection and record keeping, and the Regional Water Quality Control Board (RWQCB) has required the SMCSD to consider minimizing or eliminating blending. These alternatives include equalization, increasing secondary treatment capacity and adding treatment specifically for blended flows. The RWQCB could eliminate the practice of blending from future SMCSD NPDES permits, which are renewed every 5 years.

Tertiary Treatment Upgrade

The SMCSD has existing continuously backwashing sand filters to remove additional suspended solids from the secondary effluent. They were added as a side stream process that can treat a maximum flow of 1.0 MGD. The sand filters are a necessary part of the treatment process because they reduce the total suspended solids (TSS) concentration in the secondary effluent from 45 milligrams per liter (mg/L) to below the SMCSD NPDES permit limit of 30 mg/L (monthly average). The SMCSD has worked to optimize the filters over the years and they are currently performing adequately as a polishing step during dry weather. The filters have been in service for approximately 30 years and are approaching the end of their useful life.

Because the sand filters only have a capacity of 1.0 MGD, they are ineffective at providing polishing treatment during peak wet weather events. Increasing the tertiary treatment capacity to 6.0 MGD will improve operational flexibility and improve treatment plant performance during wet weather.

Equalization

A minimum of 0.6 MG of equalization storage (along with the described FFR upgrades) will allow the SMCSD to limit flow to the secondary process to 9 MGD, which would allow the SMCSD to avoid blending up to and including the estimated five-year wet weather event. The equalization storage tank will be integrated into the new headworks structure and will have the capacity to store a minimum of 0.6 MG of primary influent or effluent. The final volume will be determined during final design based on the volume that can be readily made available in the new headworks structure.

Administrative Office Space

The project will remodel the existing district residence into approximately 1,750 square feet of administrative office use for SMCSD personnel. The additional room will alleviate the crowded office space that currently exists in the small structures in the maintenance yard. The project will provide staff with an ADA office and accessible parking that currently does not exist at the facility. The administrative office space modifications will also include minor access road improvements to facilitate better access to the new administration space and the existing facility storage/staging area. These improvements will be constructed with the proposed relocated access road improvements.

Relocated Access Road

Approximately 0.1-acres of land in the immediate north of the existing access road will be cleared of vegetation to make room for a relocated access road. Approximately 38 trees will be removed in this area, of which approximately 19 will be live oak trees ranging in size from 4 inches to 39 inches in diameter.

DETERMINATION

This project will not have a significant impact on the environment. This determination is based upon the criteria of the CEQA Guidelines, Section 15064 (Determining Significant Effects), 15065 (Mandatory Findings of Significance), and 15070 (Decision to Prepare a Mitigated Negative Declaration). The SMCSD has prepared a joint Initial Study/Environmental Assessment (IS/EA) for this project, per the requirements of the National Environmental Policy Act (42 U.S.C. 4321 et seq.), and the CEQA Guidelines (C.C.R. Title 14 § 15000 et. seq.), and determined that the project will not have a significant impact on the environment for the following reasons:

The proposed project will result in no impact on agricultural resources, land use and planning, mineral resources, population and housing, public services, or utilities and service systems.

The proposed project will have less than significant impacts on visual resources, water resources, coastal and marine resources, recreation, noise, transportation, and public health and safety; and no significant adverse impacts on vegetation and wildlife, cultural resources, geology and soils, and air quality and greenhouse gases, because avoidance, minimization and mitigation measures will reduce potential impacts to a less than significant level. The measures are included in the attached Mitigation Monitoring and Reporting Program, and have been adopted by the SMCSD for inclusion in the proposed project.

PUBLIC REVIEW AND COMMENT

The IS/EA and proposed Mitigated Negative Declaration were made available for a public review and comment period that began on October 31, 2013 and ended on December 13, 2013. Public review was done pursuant to CEQA Guidelines Sec. 15072 and 15073. Agencies and members of the public were provided notice of the availability of these documents per the following:

- 1) The State Clearinghouse distributed copies of the documents to various responsible and trustee agencies for a review period that began on October 31, 2013 and ended on December 2, 2013. These state agencies included:
 - a. California Resource Agency
 - b. Department of Fish and Wildlife, Region 3
 - c. Department of Parks and Recreation
 - d. San Francisco Bay Conservation and Development Commission
 - e. Department of Water Resources
 - f. California Highway Patrol
 - g. Caltrans, District 4
 - h. Air Resources Board
 - i. State Water Resources Control Board, Division of Financial Assistance
 - j. State Water Resources Control Board, Division of Water Quality
 - k. Regional Water Quality Control Board, Region 2
 - l. Native American Heritage Commission

A comment letter was received from the State Water Resources Control Board on November 21, 2013. No other state agencies responded. The State Clearinghouse provided documentation to the SMCSD on December 3, 2013 stating that the SMCSD had complied with all State Clearinghouse review requirements for draft environmental documents, pursuant to CEQA.

- 2) Notice of Intent to Adopt a Mitigated Negative Declaration, filed with the Marin County Clerk, November 7, 2013, for a period of 30 days.
- 3) SMCSD Website, http://www.sausalitomarincitysanitarydistrict.com/, beginning on November 7, 2013. Electronic copies of the documents were provided on this site.
- 4) Hard copies of a mailer providing various local, regional, and state agencies, stakeholders, and interested parties with information about the public review period, availability of documents, and procedures for providing comments, distributed on November 7, 2013.
- 5) Public Notice, Treatment Plant Upgrade Project, Sausalito-Marin City Sanitary District, published in the *Marin Independent Journal* on November 11, 2013.
- 6) Email notice of the availability of documents was provided by the National Park Service to over 3,000 recipients on their email list on November 11, 2013. The email provided the recipients with project details, the environmental review process, link to on-line review of the documents, and details on providing either electronic or mailed comments. The documents were made available on the National Park Service website: http://parkplanning.nps.gov/SMCSD_Upgrade. The public comment period was provided through December 13, 2013.
- 7) Hard copies of the documents were provided to the Sausalito and Marin County public libraries from November 12, 2013 to December 13, 2013.

Comments were received from the following public agencies:

- 1) State Water Quality Control Board, received November 21, 2013
- 2) Federal Emergency Management Agency, Region IX, received November 22, 2013

No comments from the general public were received.

The agency comments were considered during preparation of the final Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program.

The Mitigated Negative Declaration, Mitigation Monitoring and Reporting Program, IS/EA, and all supporting reference documents and technical studies are available for review at the SMCSD office, located at the following address:

Sausalito-Marin City Sanitary District 1 East Road Sausalito, CA 94965

MITIGATION MONITORING AND REPORTING PROGRAM (Includes Text for Adopted Mitigation and Improvement Measures)	ORING AND REPOR d Mitigation and Im	TING PROGRAM provement Measures)	-	
MITIGATION MEASURES	Responsibility for Implementation	Schedule	Monitoring/Report Responsibility	Status/Date Completed
Vegetation and Wildlife Mitigation Measures				
Mitigation Measure BIO-1. To avoid impacts on birds protected by the Migratory Bird Treaty Act, a pre-construction breeding season survey of the proposed project area and immediate vicinity would be done by a National Park Service (NPS)-approved biologist during the calendar year in which construction is planned to begin. If migratory nesting birds covered by the statute are identified on or adjacent to the proposed project area, construction would be delayed, if necessary within 500 feet of active bird nests until any eggs have hatched and young have fledged. As a result, impacts on Migratory Bird Treaty Act-protected species would not be significant.	Sausalito-Marin City Sanitary District	Prior to commencement of construction activities.	The NPS-approved biologist will conduct the survey prior to construction activities.	The report and any construction measures to address migratory birds shall be implemented prior to commencement of construction activities.
Mitigation Measure BIO-2. Tree removal and trimming would occur between August 1 and December 31 to avoid any impacts to nesting birds and minimize the potential for weeping wounds that are susceptible to disease, such as Sudden Oak Death (SOD). To avoid the potential spread of SOD, vegetation shall be left on site or hauled to a permitted recycling center in Marin County. To further minimize the spread of SOD and noxious weeds, prior to arrival and departure from the project area, all vehicles, equipment, tools and clothing shall be cleaned of vegetation and mud.	Sausalito-Marin City Sanitary District and Project Contractor	During project construction activities	NPS-approved Biologist	Completion of project construction activities.
Cultural Resource Mitigation Measures				
 Mitigation Measure CUL-1. The applicant would implement the following protocols for unanticipated archeological discoveries and human remains during construction: Prior to construction, workers and supervisors would be briefed on the potential for encountering buried archaeological resources and human remains that could be found in the project area and the response procedures to be followed if there is an unanticipated discovery; 	Sausalito-Marin City Sanitary District and Project Contractor	Prior to and during construction activities.	NPS Archaeologist and County Coroner	Completion of notification and consultation requirements of Pub. Res. Code Sec. 5097.98, Section7050.5(c) of the California
				Health and

MITIGATION MONITORING AND REPORTING PROGRAM (Includes Text for Adopted Mitigation and improvement Measures) MITIGATION MEASURES If buried acheelogical resources such as chipped stone or groundstone, historic debtis building formations or furnamentation The SANCSD Treatment Plant Upgrade Project Will a qualified are acheelogical resources such as chipped stone or the stance of the find will be treated in secondarous with a consultation of the property will be treated in accordance with the stance of the find of the find will be adversely affected, a treatment plant will be adversely affected. A treatment plant will be adversely affected thanger will be immediately will be secured and protected in place. The Main Country Coroner, Park Achelogica		Status/Date Completed	Safety Code, and NAGPRA Regulations at 43 CFR 10.4.					-		
MITIGATION MEASURES MITIGATIO		Monitoring/Report Responsibility								
MITIGATION MEASURES Implementation MITIGATION MEASURES MITIGATION MEASURES Implementation Persponsibility MITIGATION MEASURES Implementation Implementation Province acreeological resources such as chipped stone or roundstone, historic debris, building foundations, or human bone are iscovered during ground disturbances, work shall stop in that area sport of the project until a qualified rchaeologist can assess the significance of the fined; The SMCSD Treatment Plant Upgrade Project Manager (415-289- 244) and the Golden Gate National Recreation Area (GGNRA) Park recreation Area (GNRA) Park recreation of Indian Area (GNRA) Park recreation of Indian Area (GNRA) Park recreation of Indian Area (IG PROGRAM vement Measures)	Schedule								
MITIGATION MEASURES buried archeological resources such as chipped stone or normalisations, building foundations, or human bone are iscovered during ground disturbances, work shall stop in that area sylicially a minimum of 50 feet radius) of the project until a qualified rchaeologist can assess the significance of the find; The SMCSD Treatment Plant Upgrade Project Manager (415-332-244) and the Golden Gate National Recreation Area (GGNRA) Park vichaeologist can assess the significance of the find; The SMCSD Treatment Plant Upgrade Project Manager (415-389-893). The SMCSD Treatment Plant Upgrade Project Manager (415-289-1891) and the Golden Gate National Recreation Area (GGNRA) Park vichaeologist will immediately be notified (415-289-1891 or 415-289-1893). The SMCSD Treatment Plant Upgrade Project Manager (415-389-1893). The Authorial Register of Historic Praces and a determination of the invoject effects on the property will be made; Nessesment of inadvertent discoveries may require archeological excavations and/or archival research to determine resource ignificance. If the site will be adversely affected, a treatment plan will be prepared in consultation with the State Historic Preservation Office; Treatment plans will fully evaluate avoidance, project redesign, and datare ecovery alternatives before outlining actions proposed to resolve datares effects; The Marin County Coroner, Park Archeologist and the SMCSD freatment plant Ubgrade Project Manager will be immediately office; Treatment Plant Ubgrade Project Manager will be immediately office; The mains are determined to be Native American Heritage Commission pursuant to Section/050,5(c) of the California Health and Safety Devance in the county Coordinator of Indian Affairs; The Nario Carlo of the Calver of Indian Affairs; The Nario Carlo of the Calver of Indian Affairs;	RING AND REPORTIN	Responsibility for for Implementation					-			
	MITIGATION MONITOR (includes Text for Adopted	MITIGATION MEASURES	• If buried archeological resources such as chipped stone or groundstone, historic debris, building foundations, or human bone are discovered during ground disturbances, work shall stop in that area (typically a minimum of 50 feet radius) of the project until a qualified archaeologist can assess the significance of the find;	 The SMCSD Treatment Plant Upgrade Project Manager (415-332-0244) and the Golden Gate National Recreation Area (GGNRA) Park Archaeologist will immediately be notified (415-289-1891 or 415-289-1893). 	ordance with st-review disc or eligibility for a determination	 Assessment of inadvertent discoveries may require archeological excavations and/or archival research to determine resource significance. If the site will be adversely affected, a treatment plan will be prepared in consultation with the State Historic Preservation Office; 	 If human skeletal remains or burial features are encountered all work shall stop in the vicinity of the discovery, and the find will be secured and protected in place; 	 The Marin County Coroner, Park Archeologist and the SMCSD Treatment Plant Upgrade Project Manager will be immediately notified; 	 If remains are determined to be Native American, and that no further coroner investigation of the cause of death is required, the coroner will then be required to contact the Native American Heritage Commission (pursuant to Section7050.5(c) of the California Health and Safety Code) and the County Coordinator of Indian Affairs; 	The NPS will also initiate consultation with relevant tribes. No

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MITIGATION MONITORING AND REPORTING PROGRAM (Includes Text for Adopted Mitigation and Improvement Measures)	ORING AND REPORT	ING PROGRAM		
MITIGATION MEASURES	Responsibility for Implementation	Schedule	Monitoring/Report Responsibility	Status/Date Completed
additional work shall take place near the find until the identified actions have been implemented. Discovered remains will be treated in accordance with the Native American Graves Protection and Repatriation Act Regulations at 43 CFR 10.4 (Inadvertent discoveries) as appropriate.				
Geology and Soils Mitigation Measures				
Mitigation Measure GEO-1. To mitigate the loss or degradation of geologic materials associated with the Proposed Action, the removal of soil or rock, and importing of aggregate base rock will be performed in accordance with the Golden Gate National Recreation Area, Standard Operating Procedures for Managing Earth Materials. Earth materials generated within the park should be reused in other parts of the GGNRA to mitigate the loss of geologic resources. Reuse of earth materials not tested for hazardous materials before removal may require testing before reuse. Earth materials from developed areas near roads, parking lots, and infrastructure will likely require testing for hazardous materials. Any chert excavated during the Proposed Action that is appropriate for use as a trail, overlook, or parking area tread should be used for tread rather than to backfill areas or for trail or road base. Good quality chert is considered valuable and should be used as tread whenever possible. The reuse of chert as tread would also mitigate the loss of radiolarian fossils commonly found in that rock.	Sausalito-Marin City Sanitary District and Project Contractor	During project construction	Project Contractor to coordinate with NPS staff on placement, and testing, if necessary, of soil or rock material to be placed within the GGNRA. Location of placed soil and rock will be determined by the NPS.	Considered complete after end of project construction, and as directed by the NPS.
Mitigation Measure GEO-2. Paleontological resources are protected as described in the NPS <i>Management Policies 2006</i> , Section 4.8.2.1, Paleontological Resources and Their Contexts. According to the policy "All NPS construction projects in areas with potential paleontological resources must be preceded by a preconstruction surface assessment prior to disturbance. For any occurrences noted, or when the site may yield paleontological resources, the site will be avoided or the resources will, if necessary, be collected and properly cared for before construction begins. Areas with potential paleontological resources must also be monitored during	Sausalito-Marin City Sanitary District and Project Contractor	Prior to and during project construction	SMCSD and Project Contractor will consult with the NPS prior to construction to determine if a preconstruction surface assessment is necessary given potential paleontological resources in project	Considered complete after end of project construction, and as directed by the NPS.

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MITIGATION MONITORING AND REPORTING PROGRAM (Includes Text for Adopted Mitigation and Improvement Measures)	RING AND REPORTI	VG PROGRAM ovement Measures)		!
MITIGATION MEASURES	Responsibility for Implementation	Schedule	Monitoring/Report Responsibility	Status/Date Completed
construction projects (NPS 2006)." If there is no source within the GGNRA for the approximately 500 cubic yards of imported aggregate base rock needed for the Proposed Action, then the material can be imported from an outside source. All earth materials must be tested before being imported into the GGNRA. Earth materials brought into GGRNA can either be from an approved vender or be tested for hazardous materials before being imported.			area. Should the assessment be required, it shall include monitoring protocols during project construction.	
Air Quality Mitigation Measures				
Mitigation Measure AIR-1. The control measures from the Bay Area Air Quality Management District (BAAQMD) 1999 CEQA Guidelines would be implemented to reduce air quality impacts from construction. These measures would be specified in the construction management plan and the construction site supervisor would be responsible for ensuring, verifying, and documenting compliance.	Sausalito-Marin City Sanitary District and Project Contractor	During project construction	National Park Service, in coordination and consultation with the Sausalito-Marin City Sanitary District	Considered complete after construction of project.
 Water all active construction areas at least twice daily. 				
 Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard. 				
 Pave, apply water three times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas and staging areas at construction sites. 				
 Sweep daily (with water sweepers) all paved access roads, parking areas and staging areas at construction sites. 	. .			
 Sweep streets daily (with water sweepers) if visible soil material is carried onto adjacent public streets. 				
 Minimize idling times either by shutting equipment off when not in use or reducing the maximum idling time to 30 seconds (as required GGNRA Vehicle Idling Standard Operating Procedures adopted by GGNRA in compliance with State of California regulations for In-Use Off-Road Diesel Vehicles [Title 13 CCR, Section 2449(d)(3)]). Clear signage shall be provided for construction workers at all access points. 				

MITIGATION MONITORING AND REPORTING PROGRAM (Includes Text for Adopted Mitigation and Improvement Measures)	RING AND REPORT	ING PROGRAM rovement Measures)		
MITIGATION MEASURES	Responsibility for Implementation	Schedule	Monitoring/Report Responsibility	Status/Date Completed
Mitigation Measure AIR-2. The BAAQMD would classify some of the new	Sausalito-Marin	Prior to commencement	Bay Area Air Quality	Considered
regulations system components as new sources or all emissions. These components could be subject to federal, state, and BAAQMD air permitting regulations, including New Source Review, Prevention of Significant Deterioration, National Emission Standards for Hazardous Air Pollutants, or New Source Performance Standards. The SMCSD would perform an air quality regulatory analysis to determine what if any permitting is required for the operation of any new sources of air emissions and obtain the necessary permits prior to implementing the project.	City Sanitary District and Project Contractor	or project operation.	Management District.	complete upon approval of the air quality regulatory analysis by the Bay Area Air Quality
				District.