

RESOLUTION NO. _____

A RESOLUTION OF THE COUNCIL OF THE CITY OF SAN JOSE ADOPTING THE SAN JOSE-SANTA CLARA REGIONAL WASTEWATER FACILITY'S HEADWORKS IMPROVEMENTS AND NEW HEADWORKS PROJECT ADDENDUM TO THE SAN JOSE-SANTA CLARA WATER POLLUTION CONTROL PLANT MASTER PLAN ENVIRONMENTAL IMPACT REPORT, AS ADDENDED, ALL IN ACCORDANCE WITH THE CALIFORNIA ENVIRONMENTAL QUALITY ACT, AS AMENDED, AND ADOPTING A RELATED MITIGATION MONITORING AND REPORTING PROGRAM

WHEREAS, the City of San José ("City") acting as lead agency under the California Environmental Quality Act of 1970, together with state and local guidelines implementing said Act, all as amended to date (collectively "CEQA"), prepared the Environmental Impact Report (EIR) for the San José-Santa Clara Water Pollution Control Plant Master Plan Project which analyzed the environmental impacts of planned improvements to the San José/Santa Clara Water Pollution Control Plant (also known as the Regional Wastewater Facility) through the year 2040; and

WHEREAS, in connection with the adoption of a resolution approving said San José-Santa Clara Water Pollution Control Plant Master Plan Project (PMP) EIR (Planning File No. PP11-043), the City Council adopted Resolution No. 76858 on November 19, 2013, setting forth certain findings pertaining to the PMP EIR and adopting a mitigation monitoring and reporting program, all pursuant to the provisions of CEQA; and

WHEREAS, prior to the adoption of this Resolution, the Planning Director of the City of San José prepared and approved an Addendum to the PMP EIR and addenda thereto, all in accordance with CEQA; and

WHEREAS, the Regional Wastewater Facility’s Headworks Improvements and New Headworks (the “Project”) analyzed under the Addendum consists of rehabilitation of Interceptor 1, decommissioning of Headworks 1, and the design and construction of a new headworks (Headworks 3), to serve as the duty headworks at the San José-Santa Clara Regional Wastewater Facility (700 Los Esteros Road) in San José, California; and

WHEREAS, as further described in the Addendum, the implementation of the Project would not result in new significant effects on the environment beyond those already identified in the previously approved PMP EIR and addenda thereto, nor will the Project result in an increase in the severity of significant effects identified in the PMP EIR and addenda thereto, and identified mitigation measures, as amended, would continue to reduce each of those significant effects to a less-than significant level; and

WHEREAS, in connection with the approval of a project involving the preparation of an Addendum that identifies one or more significant environmental effects, CEQA requires the decision-making body of the lead agency to incorporate feasible mitigation measures that would reduce those significant environmental effects to a less-than-significant level; and

WHEREAS, whenever a lead agency approves a project requiring the implementation of measures to mitigate or avoid significant effects on the environment, CEQA also requires a lead agency to adopt a mitigation monitoring and reporting program to ensure compliance with the mitigation measures during project implementation; and

WHEREAS, the related mitigation measures are described in the Addendum; and

WHEREAS, a related Mitigation Monitoring and Reporting Program (the “Mitigation Monitoring and Reporting Program”); was prepared for the Project that incorporates

certain mitigation measures from the previously certified PMP EIR and addenda thereto for consideration by the decision-maker of the City of San José as lead agency for the Project; and

WHEREAS, the City of San José is the lead agency on the Project, and the City Council is the decision-making body for the proposed approval to undertake the Project; and

WHEREAS, the City Council has reviewed and considered the PMP EIR and addenda thereto and the Addendum and related Mitigation Monitoring and Reporting Program for the Project and intends to take actions on the Project in compliance with CEQA and state and local guidelines implementing CEQA; and

WHEREAS, the Addendum and related Mitigation Monitoring and Reporting Program for the Project, and the PMP EIR and addenda thereto are on file in the Office of the Director of Planning, located at 200 East Santa Clara Street, 3rd Floor Tower, San José, California 95113, are available for inspection by any interested person at that location and are, by this reference, incorporated into this Resolution as if fully set forth herein;

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SAN JOSE:

THAT THE CITY COUNCIL does hereby make the following findings: (1) it has independently reviewed and analyzed the Addendum and other information in the record and has considered the information contained therein, prior to acting upon or approving the Project, (2) the Addendum prepared for the Project has been completed in compliance with CEQA and is consistent with state and local guidelines implementing CEQA, and (3) the Addendum represents the independent judgment and analysis of the

City of San José, as lead agency for the Project. The City Council designates the Director of Planning at the Director's Office at 200 East Santa Clara Street, 3rd Floor Tower, San José, California, 95113, as the custodian of documents and records of proceedings on which this decision is based.

THAT THE CITY COUNCIL does hereby find that based upon the entire record of proceedings before it and all information received that there is no substantial evidence that the Project will have a significant effect on the environment and does hereby adopt the Addendum and related Mitigation Monitoring and Reporting Program prepared for the Project (Planning File No. PP17-046). The Mitigation Monitoring and Reporting Program for the Project is attached hereto as Exhibit "A" and fully incorporated herein. The Addendum and Mitigation Monitoring and Reporting Program are also: (1) on file in the Office of the Director of Planning, located at 200 East Santa Clara Street, 3rd Floor Tower, San José, California, 95113 and (2) available for inspection by any interested person.

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ADOPTED this ____ day of _____, 2018, by the following vote:

AYES:

NOES:

ABSENT:

DISQUALIFIED:

SAM LICCARDO
Mayor

ATTEST:

TONI J. TABER, CMC
City Clerk

MITIGATION MONITORING AND REPORTING PROGRAM

**San José-Santa Clara Regional Wastewater Facility
Headworks Improvements and New Headworks Project
Addendum**



March 2018

Planning File No. PP17-046

DRAFT--Contact the Office of the City Clerk at (408) 535-1260 or CityClerk@sanjoseca.gov for final document.

P R E F A C E

Section 21081 of the California Environmental Quality Act (CEQA) requires a Lead Agency to adopt a Mitigation Monitoring and Reporting Program whenever it approves a Project for which measures have been required to mitigate or avoid significant effects on the environment. The purpose of the monitoring or reporting program is to ensure compliance with the mitigation measures during Project implementation.

The Addendum to the Environmental Impact Report for the San José-Santa Clara Water Pollution Control Plant Master Plan concluded that implementation of the Project could result in significant effects on the environment and mitigation measures are required as a condition of Project approval. This Mitigation Monitoring and Reporting Program addresses those measures in terms of how and when they will be implemented.

This document does *not* discuss those subjects for which the Addendum concluded that the impacts from implementation of the Project would be less than significant.

The City of San José hereby agrees to fully implement the Mitigation Measures described below which have been developed in conjunction with the preparation of an Addendum for the proposed project. The City understands that these mitigation measures or substantially similar measures shall be adopted as conditions of approval to avoid or significantly reduce potential environmental impacts to a less than significant level, where feasible.

The following abbreviations are used:

BAAQMD = Bay Area Air Quality Management District
 CCR = California Code of Regulations
 CDFW = California Department of Fish and Wildlife
 CEQA = California Environmental Quality Act
 CFR = Code of Federal Regulations
 CM = Construction Management Resources Team
 DTSC = Department of Toxic Substance Control
 ESD = Environmental Services Department
 ET = Environmental Team Project Lead
 HASP = Health and Safety Plan
 HCP = Santa Clara Valley Habitat Conservation Plan
 NAHC = Native American Heritage Commission

OSHA = Occupational Safety and Health Administration
 PM = San José-Santa Clara Regional Wastewater Facility Capital Improvements Program - Project Manager
 PBCE = Planning, Building and Code Enforcement
 RWQCB = Regional Water Quality Control Board
 SCCDEH = Santa Clara County Department of Environmental Health
 SCVHA = Santa Clara Valley Habitat Agency
 SVOCs = semi-volatile organic compounds
 USACE = U.S. Army Corps of Engineers
 USFWS = U.S. Fish and Wildlife Service
 VOCs = volatile organic compounds

MITIGATION MONITORING AND REPORTING PROGRAM HEADWORKS IMPROVEMENTS AND NEW HEADWORKS PROJECT						
Impact No.	Impact Summary	Mitigation Measures	Implementation Actions	Implementation Schedule	Responsible Party/Actions	Reviewing and Approving Party/Actions
AIR QUALITY						
AIR-1	The proposed Project could violate an air quality standard or contribute substantially to an existing or projected air quality violation.	<p>Bay Area Air Quality Management District (BAAQMD) Basic Construction Measures</p> <p>During Project construction, the City, through its construction contractor(s), shall ensure that the following BAAQMD construction control measures are implemented.</p> <ul style="list-style-type: none"> All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day. All haul trucks transporting soil, sand, or other loose material off-site shall be covered. All visible mud or dirt track-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 is prohibited. All vehicle speeds on unpaved roads shall be limited to 15 mph. All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified visible emissions evaluator. Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. 	1. Ensure that contract documents include a requirement for BAAQMD Basic Construction Measures.	1. Design	1. Project Manager (PM)	1. Environmental Team (ET)
			2. Monitor to ensure that contractor implements measures in contract documents: <ul style="list-style-type: none"> Include discussion of this mitigation measure in contractor environmental training sessions. Post signage. Maintain site inspection checklists. Review contractor's equipment tuneup and emissions logs. Notify PM and ET of non-compliance and ensure corrective action. 	2. Construction	2. Construction Management (CM)	2. ET
BIOLOGICAL RESOURCES						
BIO-1	The Project could have a substantial adverse effect, either directly or through habitat modifications, on raptors and migratory birds.	<p>Mitigation Measure BIO-1a: Raptor and Migratory Bird Nest Measures.</p> <p>If possible, construction shall be scheduled between September 1st and January 31st (inclusive) to avoid the nesting season. If Project construction is scheduled during breeding bird season (February 1st–August 31st, inclusive), City's Environmental Services Department (ESD) or its contractor shall retain a qualified wildlife biologist to conduct a survey for nesting raptors and migratory bird nests within 7 days of the start of construction or after any construction breaks of 14 days or more, within 7 days prior to the resumption of construction. Surveys shall be performed for the Project area and for suitable habitat within 300 feet. If an active nest is discovered, a no-disturbance buffer zone around the nest tree (or, for ground-nesting species, or nests identified on Facility buildings, the nest itself) shall be established. The no-disturbance zone shall be marked with flagging or fencing that is easily identified and avoided by the construction crew, and shall not affect the nesting birds. In general, the minimum buffer zone widths shall be as follows: 100 feet (radius) for non-raptor species and 300 feet (radius) for raptor species; however, the buffer zone widths may be adjusted if an obstruction, such as a building, is within line-of-sight between the nest and construction. Buffer zone widths and other avoidance measures may be modified based on consultation with CDFW and the USFWS. Buffer zones shall remain in place as long as the nest is active or young remain in the area and are dependent on the nest.</p>	1. If possible, schedule construction between September 1st and January 31st (inclusive).	1. Construction	1. PM	1. ET
			2. Contract a qualified biologist to conduct surveys for nesting raptors and migratory birds within 7 days of start of project construction or within 7 days of start of construction after any construction breaks of 14 days or more (if construction commences between February 1st and August 31st, inclusive). If active nests are located during survey, establish buffer zones and consult with USFWS/CDFW as required.	2. Within 7 days prior to construction	2. ET and qualified biologist	2. CDFW, USFWS
			3. Monitor to ensure that contractor implements measures in contract documents regarding buffer zones and avoidance measures established by biologist and/or USFWS/CDFW: <ul style="list-style-type: none"> Include discussion of this mitigation measure in environmental training sessions. Maintain site inspection logs. Notify PM and ET of non-compliance and ensure corrective action. 	3. Construction	3. ET or biological monitor	3. ET

MITIGATION MONITORING AND REPORTING PROGRAM HEADWORKS IMPROVEMENTS AND NEW HEADWORKS PROJECT						
Impact No.	Impact Summary	Mitigation Measures	Implementation Actions	Implementation Schedule	Responsible Party/Actions	Reviewing and Approving Party/Actions
BIOLOGICAL RESOURCES (cont.)						
BIO-1 (cont.)		<p>If California black rails are detected during surveys, the City's ESD or Planning, Building and Code Enforcement (PBCE) Senior Environmental Planner shall consult USFWS staff to identify the appropriate avoidance measures prior to start of construction. The project proponent shall be responsible to ensure that USFWS and/or CDFW protocols and requirements are implemented prior to the start of construction.</p> <p>Construction activities that are scheduled to begin outside the breeding season (September 1st through January 31st, inclusive) can proceed without surveys. If possible, all necessary tree and vegetation removal shall be conducted before the start of breeding bird season to minimize the opportunity for birds to nest at the Project site and conflict with Project construction activities.</p> <p>ESD shall notify the PBCE Senior Environmental Planner when the mitigation actions will occur for approval prior to the start of construction.</p>	4. Submit reports, if applicable, to USFWS/CDFW per consultation requirements.	4. Construction	4. ET	4. USFWS, and/or CDFW
			5. Submit survey reports and any final compliance report, if applicable.	5. Construction	5. ET	5. PBCE
		<p>Mitigation Measure BIO-1b: Minimize Light Pollution.</p> <p>Lights at the Project site (during construction and operation) shall be directed downward and shielded pursuant to Condition 7 of the Santa Clara Valley Habitat Conservation Plan (HCP) to ensure that no fugitive light spills out into natural lands and interferes with typical avian behavior. ESD and/or Public Works qualified personnel shall inspect lighting plans and/or specifications. ESD shall notify PBCE Senior Environmental Planner when the mitigation actions will occur for approval prior to the start of construction.</p>	1. Lighting design of proposed facilities shall meet mitigation measure requirements. Light plans shall comply the Santa Clara Valley HCP Condition 7, including lighting measures. Submit lighting plans to ESD and/or Public Works qualified personnel for approval and copy to PBCE.	1. Design	1. PM	1. ET
			2. Light pollution shall be minimized during construction in accordance with the requirements of the mitigation measure and as included in contract documents.	2. Construction	2. CM	2. ET
			3. Monitor to ensure that contractor implements light pollution control as specified.	3. Construction	3. CM	3. ET
BIO-2	<p>The Project could have a substantial adverse effect, either directly or through habitat modifications, on Western burrowing owls located at or near the Project site.</p>	<p>Mitigation Measure BIO-2: Western Burrowing Owl Measures.</p> <p>To avoid or minimize direct impacts of Project activities on western burrowing owls, the City shall ensure the following procedures are implemented consistent with the HCP. This survey methodology is consistent with accepted survey protocols for this species.</p> <p>1. Habitat Survey</p> <p>a) Western burrowing owl habitat surveys shall be required in the Project area in all HCP modeled occupied habitat. Surveys are not required in sites that are mapped as potential burrowing owl nesting or only overwintering habitat. Modeled habitat types may change throughout the permit term based on the best available scientific data. Habitat surveys are required in both breeding and non-breeding seasons.</p> <p>b) Qualified biologist(s) shall conduct a pedestrian survey of the Project area and accessible areas within 250-feet of the Project area. Pedestrian survey transects shall be spaced to allow 100 percent visual coverage of the ground surface. The distance between transect center lines shall be no more than 50 feet and can be reduced to account for differences in terrain, vegetation density, and ground surface visibility. Poor weather may affect the biologist's ability to detect burrowing owls; therefore, the biologist shall avoid conducting surveys when wind speed is greater than 20 kilometers per hour and there is precipitation or dense fog. The biologist shall map areas with burrows or burrow complexes that could support burrowing owls and all burrows that may be occupied (as indicated by tracks, feathers, egg shell fragments, pellets, prey remains, or excrement).</p>	1. Retain a qualified biologist to conduct a habitat survey to map areas with burrows or burrow complexes that could support burrowing owls or occupied burrows in all HCP mapped occupied habitat. If suitable habitat is identified, perform two pre-construction surveys within 250 feet of construction activities, between 2 to 14 days prior to ground disturbing activities pre-construction surveys and establish buffer zones around active nests.	1. Pre-construction	1. ET/Qualified Biologist	1. ET/Habitat Agency, (CDFW)
			2. If suitable habitat is identified, ensure that requirements for compliance with nesting bird buffer zones, if needed, are included in contract documents.	2. Design	2. PM	2. ET
			3. If avoidance of active nests is not feasible and construction occurs in breeding season, prepare an Avoidance, Minimization and Monitoring Plan for CDFW approval. If avoidance measures are not feasible, coordinate with CDFW for passive relocation.	3. Pre-construction	3. ET/Qualified Biologist	3. CDFW

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Impact No.	Impact Summary	Mitigation Measures	Implementation Actions	Implementation Schedule	Responsible Party/Actions	Reviewing and Approving Party/Actions
BIOLOGICAL RESOURCES (cont.)						
BIO-2 (cont.)		<p>c) To avoid impacts to owls from surveyors, owls and/or occupied burrows shall be avoided by a minimum of 150 feet wherever practical to avoid flushing occupied burrows. Disturbance to occupied burrows shall be avoided during all seasons.</p> <p>d) If suitable habitat is identified during the habitat survey, and if the Project does not fully avoid impacts to the suitable habitat, preconstruction surveys shall be required. Suitable habitat is fully avoided if the project footprint does not impinge on a 250-foot buffer around the suitable burrow.</p> <p>2. Preconstruction Surveys</p> <p>a) A qualified biologist shall conduct preconstruction surveys in all suitable habitat identified in the habitat surveys within 250 feet of construction activity, between 14 and 4 days prior to initiating ground disturbance related to Project construction activities. The 250-foot buffer zone shall be surveyed to identify burrows and owls outside of the Project area which may be impacted by factors such as noise and vibration (heavy equipment) during project construction. As burrowing owls may recolonize a site after only a few days, time lapses between Project activities shall require subsequent take avoidance surveys including but not limited to a final survey conducted no more than 2 days prior to ground disturbance to ensure absence. A minimum of two surveys shall be conducted (if owls are detected on the first survey, a second survey is not needed).</p> <p>b) The preconstruction survey shall be a minimum of 3 hours, beginning 1 hour before sunrise and continuing until 2 hours after sunrise (3 hours total) or beginning 2 hours before sunset and continuing until 1 hour after sunset. Additional time may be required for large project sites.</p> <p>3. Avoidance Measures</p> <p>The City shall employ avoidance measures described below to avoid direct take of individual burrowing owls during Project construction.</p> <p><i>Breeding Season Avoidance Measures - February 1 to August 31</i></p> <p>a) If preconstruction surveys identify evidence of Western burrowing owls within 250 feet of the Project area during the breeding season, the Project proponent shall avoid all nest sites that could be disturbed by Project construction activities during the remainder of the breeding season or while the nest is occupied by adults or young (occupation includes individuals or family groups foraging on or near the site following fledging). Avoidance shall include establishment of a 250-foot no-disturbance buffer zone around active nest sites by a qualified biologist.</p> <p>b) If active nests cannot be avoided, construction may occur within 250 feet of active nest sites if 1) the nest is not disturbed, and 2) the Project proponent develops and implements an Avoidance, Minimization, and Monitoring Plan, subject to approval by CDFW the Habitat Agency overseeing the HCP. The plan shall incorporate the following criteria:</p> <p>i. A qualified biologist shall monitor the owls for at least 3 days prior to Project construction to determine baseline nesting and foraging behavior (i.e., behavior without construction). The same qualified biologist shall monitor the owls during construction and find no change in owl nesting and foraging behavior in response to construction activities.</p>	4. Monitor prior to and during Project construction as required by the mitigation measure.	4. Construction	4. CM/Qualified Biologist	4. ET
			5. Monitor to ensure that contractor implements measures in contract documents regarding avoidance measures established by the biologist:	5. Construction	5. CM/ET	5. ET
			<ul style="list-style-type: none"> • Include in environmental training. • Monitor site inspection logs. • Notify PM and ET of non-compliance and ensure corrective actions. • Submit monthly compliance reports. 			
			6. Submit final compliance reporting documentation	6. Post-construction	6. ET/CM	6. PBCE
7. Submit Avoidance, Minimization and Monitoring Plan report, if required, to CDFW.	7. Post-construction	7. ET	7. PBCE			

MITIGATION MONITORING AND REPORTING PROGRAM HEADWORKS IMPROVEMENTS AND NEW HEADWORKS PROJECT						
Impact No.	Impact Summary	Mitigation Measures	Implementation Actions	Implementation Schedule	Responsible Party/Actions	Reviewing and Approving Party/Actions
BIOLOGICAL RESOURCES (cont.)						
BIO-2 (cont.)		<p>ii. If there is any change in owl nesting and foraging behavior as a result of Project construction activities, these activities shall cease within the 250-foot buffer. Construction shall not resume within the 250-foot buffer until the adult owls and juveniles from the occupied burrows have moved out of the project site.</p> <p>iii. If monitoring indicates that the nest is abandoned prior to the end of nesting season and the burrow is no longer in use by owls, the no-disturbance buffer zone may be removed. The biologist shall excavate the burrow to prevent reoccupation after receiving approval from CDFW.</p> <p><i>Non-Breeding Season Avoidance Measures – September 1st to January 31st (inclusive)</i></p> <p>a) If preconstruction surveys identify evidence of Western burrowing owls within 250 feet of the Project area during the non-breeding season (September 1st to January 31st, inclusive), the Project proponent shall establish a 250-foot no-disturbance buffer around occupied overwintering burrows as determined by a qualified biologist.</p> <p>b) If occupied burrows cannot be avoided, construction may occur within 250 feet of overwintering burrows sites if:</p> <p>i. A qualified biologist monitors the owls for at least 3 days prior to construction to determine baseline foraging behavior (i.e., behavior without construction).</p> <p>ii. The same qualified biologist monitors the owls during construction and finds no change in owl foraging behavior in response to construction activities.</p> <p>iii. If there is any change in owl nesting and foraging behavior as a result of construction activities, these activities shall cease within the 250-foot buffer.</p> <p>iv. If the owls are gone for at least one week, the Project proponent may request approval from the HCP Habitat Agency for qualified biologist to excavate usable burrows to prevent owls from re-occupying the site. After all usable burrows are excavated, the no-disturbance buffer zone shall be removed and construction may continue. Monitoring must continue as described above for the non-breeding season as long as the burrow remains active.</p> <p>4. Construction Monitoring and Environmental Training</p> <p>During construction, the no-disturbance buffer zones shall be established and maintained where applicable and based on the Project Avoidance, Minimization, and Monitoring Plan. A qualified biologist shall monitor the site consistent with the requirements described in the Avoidance Measures, described above, to ensure that buffers are enforced and owls are not disturbed. The qualified biological monitor shall prepare and perform an environmental training for all Project personnel on the avoidance procedures, buffer zones, and protocols in the event that a burrowing owl flies into an active construction zone.</p> <p>5. Passive Relocation</p> <p>If avoidance measures described above cannot be implemented with the Project, Passive Relocation shall be implemented according to the protocol described in the HCP and in coordination with, and approval by CDFW.</p>				

MITIGATION MONITORING AND REPORTING PROGRAM HEADWORKS IMPROVEMENTS AND NEW HEADWORKS PROJECT						
Impact No.	Impact Summary	Mitigation Measures	Implementation Actions	Implementation Schedule	Responsible Party/Actions	Reviewing and Approving Party/Actions
BIOLOGICAL RESOURCES (continued)						
BIO-3	The Project could have a substantial adverse effect on federally 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>Mitigation Measure BIO-3a: Avoidance and Protection of Jurisdictional Waters.</p> <p>Access roads, work areas, and infrastructure shall be sited to avoid and minimize direct and indirect impacts to jurisdictional features. Prior to the beginning of any construction-related activities, the following measures shall be applied to protect potential jurisdictional features:</p> <ol style="list-style-type: none"> 1. A protective barrier (such as silt fencing) shall be erected around water features adjacent to the Project at the "top of bank" or at the feature boundary to isolate them from Project activities and reduce the potential for incidental fill, erosion, or other disturbance; 2. Signage shall be installed on the fencing to identify sensitive habitat areas and restrict construction activities; 3. No equipment mobilization, grading, clearing, or storage of equipment or machinery, or similar activity shall occur at the Project site until a representative of the City has inspected and approved the protection fencing; and 4. The City shall ensure that the temporary fencing is continuously maintained until the Project is completed. 5. Drainage from all proposed facilities where chemical spills could occur during Project operation shall be directed away from sensitive resources and/or include other measures to minimize potential for release of potential pollutants to the environment. 	1. Ensure that wetlands are clearly designated on site plans and requirements for minimizing impacts to wetlands are included in contract documents.	1. Design	1. PM	1. ET
			2. Install construction fencing around designated wetlands according to delineation created by qualified biologist, and ensure that contractor erects signage for protection of environmentally sensitive areas.	2. Construction	2. CM/ET	2. ET
			3. Monitor to ensure that contractor implements measures in contract documents: <ul style="list-style-type: none"> • Include in contractor environmental training • Maintain site inspection logs • Notify PM and ET of non-compliance and ensure corrective action 	3. Construction	3. CM/ET	3. ET
			4. Submit final compliance reporting documentation, if applicable.	4. Construction	4. ET	4. PBCE
			<p>Mitigation Measure BIO-3b: Regulatory Approval and Wetlands Restoration.</p> <p>If it is determined during the design phase that impacts on wetland habitat cannot be avoided, the City's ET shall obtain permits and approvals from the Santa Clara Valley Habitat Agency (SCVHA), USACE, RWQCB, and/or CDFW, as applicable. In order to ensure that the Project results in no net loss of wetland habitat functions and values, the City shall compensate for the loss of wetland resources through on-site restoration/creation, off-site protection and enhancement of riparian and wetland habitat, and/or purchase of mitigation credits consistent with the terms and conditions of USACE Regional General Permit 18 for implementation of covered activities in the HCP. On-site or off-site habitat restoration/creation and/or purchase of mitigation credits consistent with the terms and conditions of USACE Regional General Permit 18 shall be determined in consultation with the resource agencies, as applicable. The City shall prepare a mitigation plan, which shall include monitoring applicable requirements and success criteria.</p>	1. Obtain permits and approvals if impacts on wetland habitat cannot be avoided.	1. Design	1. ET
BIO-4	The project could conflict with local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance.	<p>Compensate for Removal of Protected Trees. As part of the project condition of approval, the trees to be removed shall be replaced on-site or off-site at the accepted ratios or through payment of an in-lieu fee to Our City Forest to compensate for the loss of the trees. Protected trees that are lost shall be replaced at a minimum of four 24-inch box trees per tree removed. Tree replacement amounts shall be subject to the City's Arborist and/or PBCE, who would determine the final mitigation for impacts to protected trees. Replacement trees shall be planted in a suitable location on Facility property or on other City property, to be identified by the City Arborist and approved by PBCE.</p>	1. Requirements for tree replacement or payment of in-lieu fees in accordance with City policies and guidelines shall be included in contract documents. Include the City's Tree Replacement Ratio information in the contract documents, if applicable.	1. Design	1. PM	1. ET
			2. Monitor contractor for compliance with tree replacement as specified by City policies and guidelines.	2. Construction	2. CM	2. ET
			3. Submit final compliance reporting documentation, if applicable.	3. Construction	3. ET	3. PBCE

MITIGATION MONITORING AND REPORTING PROGRAM HEADWORKS IMPROVEMENTS AND NEW HEADWORKS PROJECT						
Impact No.	Impact Summary	Mitigation Measures	Implementation Actions	Implementation Schedule	Responsible Party/Actions	Reviewing and Approving Party/Actions
BIOLOGICAL RESOURCES (continued)						
BIO-5	The Project could conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.	Mitigation Measure BIO-2: Western Burrowing Owl Measures , as described above.				
CULTURAL RESOURCES						
CUL-1	Implementation of the project could cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5.	<p>Mitigation Measure CUL-1a: Inadvertent Discovery of Archaeological Resources.</p> <p>If prehistoric or historic-era archaeological resources are encountered by construction personnel during Project implementation, all construction activities within 100 feet shall halt and the contractor shall notify ESD personnel and the PBCE Senior Environmental Planner. Prehistoric archaeological materials might include obsidian and chert flaked-stone tools (e.g., projectile points, knives, scrapers) or toolmaking debris; culturally darkened soil ("midden") containing heat-affected rocks, artifacts, or shellfish remains; stone milling equipment (e.g., mortars, pestles, hand stones, or milling slabs); and battered stone tools, such as hammer stones and pitted stones. Historic-era materials might include stone, concrete, or adobe footings and walls; filled wells or privies; and deposits of metal, glass, and/or ceramic refuse.</p> <p>The City's ESD or its contractor shall retain a Secretary of the Interior-qualified archaeologist to inspect the findings within 24 hours of discovery. If it is determined that the Project could damage a historical resource as defined by CEQA (CEQA Guidelines §15064.5), construction shall cease in an area determined by the archaeologist until a mitigation plan has been prepared, approved by the PBCE Senior Environmental Planner, and implemented to the satisfaction of the archaeologist (and Native American representative if the resource is prehistoric, who would be identified by the Native American Heritage Commission [NAHC]).</p> <p>If the Native American representative identifies the find as a tribal resource, ESD or its contractor shall proceed to Mitigation Measure CUL-1b. For archaeological resources, the archaeologist, in consultation with the PBCE Senior Environmental Planner and the City's Historic Preservation Officer, shall determine when construction can resume.</p> <p>The preferred mitigation shall be preservation in place. If preservation in place is not physically or financially feasible, mitigation shall be data recovery through excavation. If preservation in place is selected as mitigation, the mitigation shall be accomplished through one of the four following means: (1) modifying the construction plan to avoid the resource; (2) incorporating the resource within open space; (3) capping and covering the resource before building appropriate facilities on the resource site; or (4) deeding the resource site into a permanent conservation easement. If preservation in place is not feasible, a qualified archaeologist shall prepare and implement a detailed treatment plan to the satisfaction of the PBCE Senior Environmental Planner to recover the scientifically consequential information from the resource prior to any excavation at the resource site. Treatment for most of the resources that could be encountered shall consist of (but shall not necessarily be limited to) sample excavation, artifact collection, site documentation, and historical research, with the aim to target the recovery of important scientific data contained in the portion(s) of the significant resource to be impacted by the project. The treatment plan shall include provisions for analysis of data in a regional context, reporting of results within a timely manner, curation of artifacts and data at an approved facility, and dissemination of reports to local and state repositories, libraries, and interested professionals.</p>	1. Ensure that measures related to archaeological discoveries are included in contract documents.	1. Design	1. ET and PM	1. ET
			2. Ensure that all personnel complete environmental training prior to beginning work. Monitor to ensure that the contractors implement measures in contract document.	2. Construction	2. ET and CM	2. ET
			3. Evaluate the potential discovery and advise the ET as to the significance of the discovery. If warranted, proceed with measures that may include the following: a. On-site preservation of resource; b. Archaeological monitoring program with prior review/approval of ET or c. Archaeological testing program with prior review/approval of ET.	3. Construction	3. CM and qualified archeologist	3. ET PBCE, in consultation with City's Historic Preservation Officer (if there are archeological or tribal resources)
			4. Prepare a Final Archaeological Resources Report if warranted. Submit to ET for review and approval.	4. Construction	4. ET and qualified archeologist	4. PBCE
			5. Ensure that contract documents include measures related to discovery of human remains.	5. Design	5. ET and PM	5. ET

MITIGATION MONITORING AND REPORTING PROGRAM HEADWORKS IMPROVEMENTS AND NEW HEADWORKS PROJECT						
Impact No.	Impact Summary	Mitigation Measures	Implementation Actions	Implementation Schedule	Responsible Party/Actions	Reviewing and Approving Party/Actions
CULTURAL RESOURCES (continued)						
CUL-1 (cont.)		Mitigation Measure CUL-1b: Inadvertent Discovery of Tribal Cultural Resources. The Native American representative shall make recommendations to the City for the appropriate measures to treat the tribal cultural resource which shall be implemented in accordance with Section 15064.5 of the CEQA Guidelines.	1. Evaluate the potential discovery and advise the ET as to the significance of the discovery.	1. Construction	1. Native American representative, ET	1. PBCE
CUL-2	The project could directly or indirectly destroy a unique paleontological resource or site or unique geologic feature.	Mitigation Measure CUL-2: Inadvertent Discovery of Paleontological Resources. If paleontological resources, such as fossilized bone, teeth, shell, tracks, trails, casts, molds, or impressions are discovered during ground-disturbing activities, work shall stop in that area and within 100 feet of the find and the contractor shall notify ESD personnel and the PBCE Senior Environmental Planner. ESD or its contractor shall retain a qualified paleontologist to inspect the findings within 24 hours of discovery to assess the nature and importance of the find and, if necessary, develop appropriate treatment measures in conformance with Society of Vertebrate Paleontology standards, and in consultation with the PBCE Senior Environmental Planner.	1. Evaluate the potential discovery and advise the ET as to the significance of the discovery.	1. Construction	1. Qualified paleontologist, ET	1. PBCE
CUL-3	Implementation of the project could disturb human remains, including those interred outside of formal cemeteries.	Mitigation Measure CUL-3: Inadvertent Discovery of Human Remains. If human remains are encountered by construction personnel during project implementation, all construction activities within 100 feet shall halt and the contractor shall notify the PBCE Senior Environmental Planner. ESD shall contact the Santa Clara County Coroner to determine whether or not the remains are Native American origin or whether an investigation into the cause of death is required. If the remains are determined to be Native American, the Coroner shall contact the NAHC within 24 hours. The NAHC would then identify the person or persons it believes to be the most likely descendant from the deceased Native American, who in turn would make recommendations to the City for the appropriate means of treating the human remains and any associated funerary objects which shall be implemented in accordance with Section 15064.5(e) of the CEQA Guidelines.	1. Include in environmental training. Monitor to ensure that the contractor implements measures in contract document including reporting human remains if encountered and suspending work in the vicinity.	1. Construction	1. ET and CM	1. ET
			2. Confirm identification of human remains, if needed. If human remains are confirmed, perform required coordination and notifications.	2. Construction	2. ET and qualified archaeologist	2. ET
			3. Monitor to ensure the appropriate disposition of human remains.	3. Construction	3. ET and qualified archaeologist	3. ET
			4. Submit final compliance report, if applicable.	4. Construction	4. ET	4. PBCE
TRIBAL CULTURAL RESOURCES						
TRC-1, TRC-2	Implementation of the project could cause a substantial adverse change in the significance of a tribal cultural resource pursuant to §21074.	Implement Mitigation Measures CUL-1a. Inadvertent Discovery of Archaeological Resources and CUL-1b. Inadvertent Discovery of Tribal Cultural Resources, and CUL-3: Inadvertent Discovery of Human Remains. See Cultural Resources section, above.				
HAZARDS AND HAZARDOUS MATERIALS						
HAZ-1	The Project could create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials or reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment, and is located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, could create a significant hazard to the public or the environment.	Mitigation Measure HAZ-1a: Pre-Construction Hazardous Materials Assessment. Prior to construction, ESD or its contractor shall ensure that a limited soil and/or groundwater investigation is performed at proposed construction work areas to characterize soil and groundwater quality. If the results reveal soils and/or groundwater contamination exist in excess of applicable regulatory screening levels (Environmental Screening Levels or California human health screening levels) for the proposed site use, the City shall contact the appropriate regulatory agency (the Santa Clara County Department of Environmental Health [SCCDEH], RWQCB, or DTSC), as appropriate. ESD or its contractor shall complete subsequent site investigations and/or remedial activities required by the regulatory agency to ensure that residual impact, if any, shall not pose a continuing significant threat to groundwater resources, human health, or the environment. The results of the pre-construction hazardous materials assessment shall be incorporated into the Site Health and Safety Plan prepared in accordance with Mitigation Measure HAZ-1b, below, and the Soil and Groundwater Management	1. Evaluate project location with respect to known underground fuel tank leaks or spills and proximity to landfills. Assess need for subsurface sampling to evaluate potential presence of contaminants.	1. Feasibility / Development	1. ET and ESD's Hazardous Material Specialist	1. ET and ESD's Hazardous Material Specialist
			2. If warranted, retain a qualified environmental professional to prepare a workplan, conduct soil and groundwater sampling, and report results. Report shall provide recommendations for agency consultation and/or additional cleanup, depending upon findings.	2. Feasibility / Development	2. ET and qualified environmental professional	2. ET and ESD's Hazardous Material Specialist (RWQCB, DTSC, SCCDEH)
			3. Ensure that contract documents include site-specific sampling report and/or general information about potential soil and groundwater contaminants anticipated. If warranted, include site cleanup in project and prepare final cleanup report.	3. Design	3. PM and ET	3. ET

MITIGATION MONITORING AND REPORTING PROGRAM HEADWORKS IMPROVEMENTS AND NEW HEADWORKS PROJECT						
Impact No.	Impact Summary	Mitigation Measures	Implementation Actions	Implementation Schedule	Responsible Party/Actions	Reviewing and Approving Party/Actions
HAZARDS AND HAZARDOUS MATERIALS (continued)						
HAZ-1 (cont.)		Plan prepared in accordance with Mitigation Measure HAZ-1c, below, to determine whether: specific soil and groundwater management and disposal procedures for contaminated materials are required; excavated soils are suitable for reuse; and construction worker health and safety procedures for working with contaminated materials are required.	4. A copy of the pre-construction hazardous materials assessment shall be submitted to the PBCE Senior Environmental Planner for approval.	4. Construction	4. CM and ET	4. PBCE
		<p>Mitigation Measure HAZ-1b: Health and Safety Plan.</p> <p>ESD or its contractor shall retain a qualified environmental professional to prepare a site-specific Health and Safety Plan (HASP) in accordance with federal OSHA regulations (29 CFR 1910.120) and Cal/OSHA regulations (8 CCR Title 8, Section 5192). Because anticipated contaminants vary depending upon the location of proposed improvements in the Project area and may vary over time, the HASP shall address site-specific worker health and safety issues during construction. The HASP shall include the following information:</p> <ul style="list-style-type: none"> • Results of sampling conducted in accordance with Mitigation Measure HAZ-1a. • All required measures to protect construction workers and the general public by including engineering controls, monitoring, and security measures to prevent unauthorized entry to the construction areas and to reduce hazards outside of the construction areas. If prescribed contaminant exposure levels are exceeded, personal protective equipment shall be required for workers in accordance with state and federal regulations. • Required worker health and safety provisions for all workers potentially exposed to contaminated materials, in accordance with state and federal worker safety regulations, and designated qualified individual personnel responsible for implementation of the HASP. • The contractor shall have a site health and safety supervisor fully trained pursuant to hazardous materials regulations be present during excavation, trenching, or cut and fill operations to monitor for evidence of potential soil contamination, including soil staining, noxious odors, debris or buried storage containers. The site health and safety supervisor must be capable of evaluating whether hazardous materials encountered constitute an incidental release of a hazardous substance or an emergency spill. The site health and safety supervisor shall implement procedures to be followed in the event of an unanticipated hazardous materials release that may impact health and safety. These procedures shall be in accordance with hazardous waste operations and regulations and specifically include, but are not limited to 1) immediately stopping work in the vicinity of the unknown hazardous materials release; 2) notifying SCCDEH, RWQCB, or DTSC; and 3) retaining a qualified environmental firm to perform sampling, remediation, and/or disposal. • Documentation that HASP measures have been implemented during construction. • Provision that submittal of the HASP to ESD, or any review of the contractor's HASP ESD, shall not be construed as approval of the adequacy of the contractor as a health and safety professional, the contractor's HASP, or any safety measure taken in or near the construction site. The contractor shall be solely and fully responsible for compliance with all laws, rules, and regulations applicable to health and safety during the performance of the construction work. 	1. Ensure that contract documents include preparation of a Health and Safety Plan and documentation of compliance in accordance with the mitigation measure.	1. Design	1. PM	1. ET
			2. Review contractor's Health and Safety Plan.	2. Design / Construction	2. PM and CM	2. ET
			3. Monitor compliance by the contractor, report non-compliance or discovery of suspect hazardous materials to PM and ET. Ensure corrective action, sampling, remediation and/or disposal as warranted. (Note contractor is solely responsible for health and safety of its employees).	3. Construction	3. CM and ET	3. ET and ESD's Hazardous Material Specialist
			4. A copy of the HASP shall be submitted to the PBCE Senior Environmental Planner.	4. Construction	4. CM and ET	4. PBCE

MITIGATION MONITORING AND REPORTING PROGRAM HEADWORKS IMPROVEMENTS AND NEW HEADWORKS PROJECT						
Impact No.	Impact Summary	Mitigation Measures	Implementation Actions	Implementation Schedule	Responsible Party/Actions	Reviewing and Approving Party/Actions
HAZARDS AND HAZARDOUS MATERIALS (continued)						
HAZ-1 (cont.)		<p>Mitigation Measure HAZ-1c: Soil and Groundwater Management Plan.</p> <p>If hazardous materials or contaminated soil and groundwater above regulatory screening levels are identified under the pre-construction hazardous materials assessment, done in accordance with Mitigation Measure HAZ-1a, ESD shall require the construction contractor to prepare and implement a Soil and Groundwater Management Plan, that specifies the method for handling and disposal of contaminated soil and groundwater prior to construction.</p> <p>The Soil and Groundwater Management Plan shall establish the sampling and laboratory analysis program which may include the following: 1) analysis of subsurface soil samples within the Project site for total petroleum hydrocarbons (as gasoline, diesel, and waste oil), Title 22 metals, and volatile organic compounds (VOCs) or any other chemicals of concern to evaluate the potential presence of contamination; 2) groundwater samples if subsurface excavations are anticipated to require dewatering; and 3) additional analyses for VOCs and semi-volatile organic compounds (SVOCs) for groundwater samples collected at construction locations within 1,000 feet of adjacent landfills.</p> <p>The Soil and Groundwater Management Plan shall include all necessary procedures to ensure that excavated materials and fluids generated during construction are stored, managed, and disposed of in a manner that is protective of human health and in accordance with applicable laws and regulations. The Plan shall include the following information.</p> <ul style="list-style-type: none"> • Step-by-step procedures for evaluation, handling, stockpiling, storage, testing, and disposal of excavated material, including criteria for reuse and offsite disposal. All excavated materials shall be inspected prior to initial stockpiling, and spoils that are visibly stained and/or have a noticeable odor shall be stockpiled separately to minimize the amount of material that may require special handling. In addition, excavated materials shall be inspected for buried building materials, debris, and evidence of underground storage tanks; if identified, these materials shall be stockpiled separately and characterized in accordance with landfill disposal requirements. If some of the spoils do not meet the reuse criteria and/or debris is identified, these materials shall be disposed of at a permitted landfill facility. • Procedures to be implemented if unknown subsurface conditions or contamination are encountered, such as previously unreported tanks, wells, or contaminated soils. • Procedures for containment, handling and disposal of groundwater generated from construction dewatering, the method to be used to analyze groundwater for hazardous materials likely to be encountered and the appropriate treatment and/or disposal methods. <p>The Pre-Construction Hazardous Materials Assessment (HAZ-1a), Health and Safety Plan (HAZ-1b), and Soil Management Plan (HAZ-1c) shall be submitted to the PBCE Senior Environmental Planner for approval.</p>	1. Ensure that contract documents include a Soil and Groundwater Management Plan meeting the requirements of the mitigation measure and requirement for submittal of final compliance report documenting disposal of materials.	1. Design	1. PM	1. ET
			2. Review contractor's Soil and Groundwater Management Plan.	2. Design / Construction	2. PM, CM, and ESD's Hazardous Material Specialist	2. ET and ESD's Hazardous Material Specialist
			3. Monitor compliance by the contractor, report non-compliance or discovery of suspect hazardous materials to PM and ET. Ensure corrective action, sampling, remediation and/or disposal as warranted.	3. Construction	3. CM and ET	3. ET and ESD's Hazardous Material Specialist
			4. Review contractor's final compliance report and retain all manifests for hazardous waste disposal.	4. Construction	4. CM	4. ET and ESD's Hazardous Material Specialist
			5. A copy of the Soil and Groundwater Management Plan shall be submitted to the PBCE Senior Environmental Planner.	5. Construction	5. ET and ESD's Hazardous Material Specialist	5. PBCE
HAZ-2	Construction requiring closure of Zanker Road could interfere with the use of Zanker Road during evacuation of the Facility.	Implementation of Mitigation Measure TR-1 , described below in Transportation and Circulation, notifying Facility personnel of the temporary closure of Zanker Road and instructing personnel to evacuate using Mike Tocce Lane.				

MITIGATION MONITORING AND REPORTING PROGRAM HEADWORKS IMPROVEMENTS AND NEW HEADWORKS PROJECT						
Impact No.	Impact Summary	Mitigation Measures	Implementation Actions	Implementation Schedule	Responsible Party/Actions	Reviewing and Approving Party/Actions
TRANSPORTATION AND CIRCULATION						
TR-1	The temporary closure along Zanker Road south of the Facility operational area would increase traffic volumes on the detour roadways..	<p>Mitigation Measure TR-1: Implement Project Traffic Control Plan.</p> <p>ESD or its contractor(s) shall prepare and implement a Traffic Control Plan to reduce traffic impacts on the roadways at and near the work site, as well as to reduce potential traffic safety hazards and ensure adequate access for emergency responders. ESD or its contractor(s) shall coordinate development and implementation of this plan with City departments (e.g., Emergency Services, Fire, Police, Transportation), as appropriate. To the extent applicable, the Traffic Control Plan shall conform to the Caltrans' <i>California Manual on Uniform Traffic Control Devices</i>, Part 6 (Temporary Traffic Control)¹ and San José Public Works Department's Temporary Traffic Control Manual.² The Traffic Control Plan shall include, but not be limited to, the following elements:</p> <ul style="list-style-type: none"> • Circulation and detour plans to minimize impacts on local road circulation during road and lane closures. Flaggers and/or signage shall be used to guide vehicles through and/or around the construction zone. • Identifying truck routes designated by City of San José and Santa Clara County. Haul routes that minimize truck traffic on local roadways shall be utilized to the extent possible. • Controlling and monitoring construction vehicle movement through the enforcement of standard construction specifications by onsite inspectors. • Scheduling truck trips outside the peak morning and evening commute hours to the extent possible. • Limiting the duration of road and lane closures to the extent possible. • Notifying Facility personnel of the temporary closure of Zanker Road and instructing personnel to evacuate using Mike Tocce Lane during Zanker Road closure. • Maintaining pedestrian and bicycle access and circulation during project construction where safe to do so. If construction activities encroach on bicycle routes or multi-use paths, advance warning signs (e.g., "Bicyclists Allowed Use of Full Lane" and/or "Share the Road") shall be posted that indicate the presence of such users. • Identifying detours for bicycles and pedestrians, where applicable, in all areas affected by project construction. • Storing all equipment and materials in designated contractor staging areas on or adjacent to the worksite, such that traffic obstruction is minimized. • Implementing roadside safety protocols. Advance "Road Work Ahead" warning and speed control signs (including those informing drivers of State legislated double fines for speed infractions in a construction zone) shall be posted to reduce speeds and provide safe traffic flow through the work zone. • Coordinating construction administrators of police and fire stations (including all fire protection agencies). Operators shall be notified in advance of the timing, location, and duration of construction activities and the locations of detours and lane closures, where applicable. • Repairing and restoring affected roadway rights-of way to their original condition after construction is completed. 	1. Incorporate into contract documents a requirement that contractor prepare a traffic plan in accordance with requirements of Coordinated Transportation Management Plan and this measure	1. Design	1. PM	1. ET
			2. Review contractor's traffic control plan	2. Pre-construction	2. PM and CM	2. CM
			3. Monitor to ensure that contractor implements measures in contract documents. Report noncompliance to PM and ET and ensure corrective action.	3. Construction	3. CM	3. CM
			4. Submit final compliance reporting documentation, if applicable.	4. Construction	4. ET	4. PBCE

¹ California Department of Transportation (Caltrans), *California Manual on Uniform Traffic Control Devices for Streets and Highways – Part 6: Temporary Traffic Control*, amended November 7, 2014.

² City of San José, Public Works Department, *Temporary Traffic Control Manual*, September 27, 2005, available online at <http://www.sanjoseca.gov/index.aspx?NID=3464>, accessed October 2015.

MITIGATION MONITORING AND REPORTING PROGRAM HEADWORKS IMPROVEMENTS AND NEW HEADWORKS PROJECT						
Impact No.	Impact Summary	Mitigation Measures	Implementation Actions	Implementation Schedule	Responsible Party/Actions	Reviewing and Approving Party/Actions
MANDATORY FINDINGS OF SIGNIFICANCE						
C-TR-1	The Project could have transportation impacts that are individually limited, but cumulatively considerable.	<p>Mitigation Measure C-TR: Implement Coordinated Transportation Management Plan.</p> <p>Prior to construction, the City’s contractor(s) shall develop a Coordinated Transportation Management Plan and work with other projects’ contractors and appropriate City departments (e.g., Emergency Services, Fire, Police, Transportation) to prepare and implement a transportation management plan for roadways adjacent to and directly affected by the Project as well as planned Facility improvements and land uses, and to address the transportation impact of the overlapping construction projects within the vicinity of the Project. The transportation management plan shall include, but not be limited to, the following requirements:</p> <ul style="list-style-type: none"> • Coordination of individual traffic control plans for the Project with nearby projects. • Coordination between the Project contractor and other project contractors in developing circulation and detour plans that include safety features (e.g., signage and flaggers). The circulation and detour plans shall address: <ul style="list-style-type: none"> – Full and partial roadways closures – Circulation and detour plans to include the use of signage and flagging to guide vehicles through and/or around the construction zone, as well as any temporary traffic control devices – Bicycle/Pedestrian detour plans, where applicable – Parking along public roadways – Haul routes for construction trucks and staging areas for instances when multiple trucks arrive at the work sites • Protocols for updating the transportation management plan to account for delays or changes in the schedules of individual projects. • A comprehensive and continual outreach program to notify affected citizens (i.e. residents of Alviso, commuters, etc.) of all construction activity and roadway closures for the duration of the projects. 	1. Prepare a Coordinated Transportation Management Plan to outline requirements of project-specific transportation plans.	1. Feasibility / Development	1. CM and PM	1. CM
			2. Incorporate into contract documents a requirement to ensure that contractor prepare a traffic plan in accordance with requirements of Coordinated Transportation Management Plan and this measure.	2. Design/Pre-Construction	2. PM	2. ET
			3. Monitor to ensure that contractor implements measures in contract documents. Report noncompliance to PM and ET and ensure corrective action.	3. Construction	3. CM	3. CM
SOURCE: San José-Santa Clara Regional Wastewater Facility Headworks Improvements and New Headworks Addendum, March 2018.						