



**Mitigation Monitoring and Reporting Program
for the
IXTP 7991 Replacement Project
Mitigated Negative Declaration**

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Mitigation Monitoring and Reporting Program

The California Environmental Quality Act (CEQA) requires that when a lead agency adopts a Mitigated Negative Declaration (MND), it shall prepare a monitoring or reporting program for all required mitigation measures (CEQA Guidelines Section 15097). This Mitigation Monitoring and Reporting Program (MMRP) describes the monitoring and reporting program for mitigation measures adopted by Coachella Valley Water District (CVWD) to avoid or substantially reduce impacts related to the *Ion Exchange Treatment Plant (IXTP) 7991 Replacement Project* (project) to less than significant levels. CVWD and its contractors are required to implement the adopted mitigation measures for the proposed project in accordance with the MND. This MMRP contains a checklist and description of all adopted mitigation measures, including the responsible parties, timing, and completion criteria.

Program Administration

The MMRP shall be administered by CVWD. Mitigation measures shall be incorporated into design and construction contracts, as appropriate, to ensure full implementation. The MMRP shall be maintained by the designated CVWD Project Manager and be available for inspection upon request at CVWD offices.

Project Description

The *IXTP 7991 Replacement Project* would replace facilities that treat arsenic in groundwater pumped from CVWD's Well 7991. The project would replace the existing 1,000-gpm ion exchange treatment system with a new 2,000-gpm capacity treatment system. The project consists of replacing the existing IXTP 7991 with a new adsorption treatment system, sulfuric acid and caustic soda systems within a new building on site, backwash pumps and piping, pre-filters, backwash tank, well pump, and demolition of the existing IXTP.

Mitigation Monitoring Requirements

A mitigation monitoring checklist has been developed for the proposed project and is intended for use by CVWD, as lead agency and designated monitoring entity for the proposed project. The checklist, presented as Table 1, summarizes the mitigation requirements for the proposed project, anticipates timing, and identifies responsible parties for ensuring implementation of each mitigation measure. These mitigation measures are presented using the naming conventions and categories in the MND.

| Mitigation Measure | Monitoring and Reporting Actions | Implementation Schedule | Monitoring Frequency | Responsible Party | Review and Approval by: | Verification: Status/ Date Completed/ Initials |
|--|--|--|--|---|--------------------------------|--|
| <p>Mitigation Measure CUL-1: Unanticipated Discovery of Cultural Resources</p> <p>In the event that cultural resources are unearthed during project construction, CVWD's construction inspector and/or a project archaeologist shall temporarily suspend all earth disturbing work within a 100-foot radius of the discovery. A qualified professional archaeologist, meeting the Secretary of the Interior's Professional Qualification Standards for prehistoric and historic archaeologist, shall be retained to evaluate the significance of the find, and shall have the authority to modify the no-work radius as appropriate, using professional judgment. The following notifications shall apply, depending on the nature of the find:</p> <ul style="list-style-type: none"> • If the professional archaeologist determines that the find does not represent a cultural resource, work may resume immediately, and no agency notifications are required. • If the professional archaeologist determines that the find does represent a cultural resource from any time period or cultural affiliation, they shall immediately notify CVWD's Construction Inspector and Environmental Services Department. CVWD shall consult on a finding of eligibility and implement appropriate treatment measures if the find is determined to be eligible for inclusion in the National Register of Historic Places or California Register of Historical Resources. Work may not resume within the no-work radius until CVWD, through consultation as appropriate, determines that the site either: 1) is not eligible for the National Register of Historic Places or California Register of Historical Resources; or 2) that the treatment measures have been completed to its satisfaction. | <ol style="list-style-type: none"> 1. Include measures in contract documents. 2. If resources are unearthed during construction, confirm work halted, qualified archaeologist was consulted on eligibility, and appropriate treatment measures and no-work buffers were implemented. 3. Consult on finding and implement treatment measures, if applicable. | <ol style="list-style-type: none"> 1. Contracting 2. Construction 3. Construction | <ol style="list-style-type: none"> 1. Once 2. Throughout construction, if applicable. 3. Once | <ol style="list-style-type: none"> 1. CVWD 2. CVWD, Construction Contractor 3. CVWD | CVWD | <ol style="list-style-type: none"> 1. _____ 2. _____ 3. _____ |
| <p>Mitigation Measure HAZ-1: Hazardous Materials Management and Spill Control Plan</p> <p>Prior to construction the construction contractor is required to submit to CVWD a Hazardous Materials Management Spill Control Plan that includes a project-specific contingency plan for hazardous materials and waste operations. The plan shall be applicable to construction activities and shall establish policies and procedures according to applicable codes and regulations, including but not limited to the California Building and Fire Codes, and federal and California Occupational Safety and Health Administration regulations. Elements of the Plan shall include, but not be limited to the following:</p> <ul style="list-style-type: none"> • A discussion of hazardous materials management, including delineation of hazardous material storage areas, access and egress routes, waterways, emergency assembly areas, and temporary hazardous waste storage areas; • Notification and documentation of procedures; and • Spill control and countermeasures, including employee spill prevention/response training. | <ol style="list-style-type: none"> 1. Include measure in contract documents. 2. Confirm construction contractor has prepared a Hazardous Materials Management and Spill Control Plan. 3. Confirm construction contractor follows procedures in the Hazardous Materials Management and Spill Control Plan. | <ol style="list-style-type: none"> 1. Contracting 2. Pre-Construction 3. Construction | <ol style="list-style-type: none"> 1. Once 2. Once. 3. Periodically throughout construction | <ol style="list-style-type: none"> 1. CVWD 2. CVWD, Construction Contractor 3. CVWD, Construction Contractor | CVWD | <ol style="list-style-type: none"> 1. _____ 2. _____ 3. _____ |

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| <p>Mitigation Measure TRA-1: Traffic Control Plan</p> <p>The construction contractor shall implement an approved Traffic Control Plan, to the satisfaction of the CVWD construction inspector and the County for the duration of the project construction. The components of the Traffic Control Plan shall include:</p> <ul style="list-style-type: none"> • Identification of construction staging site locations and potential lane closures, • Emergency response contact information, • Planned routes for construction-related vehicle traffic (haul routes), and • Identification of alternative safe routes to maintain pedestrian safety during construction. <p>CVWD's Project Manager shall coordinate with the police, fire, and other emergency services to alert these entities about potential construction delays and construction schedule. CVWD shall minimize the duration of disruptions/closures to Hammond Road and critical access points for emergency services. The Traffic Control Plan shall provide for traffic control measures including flag persons, warning signs, lights, barricades, and cones to provide safe passage of vehicular, bicycle and pedestrian traffic and access by emergency responders. All construction personnel shall be briefed on project-specific circumstances relating to worker and public safety with regards to traffic control. The Traffic Control Plan shall be submitted to CVWD's Project Manager and construction inspector for review and approval prior to construction.</p> <p>CVWD's construction inspector shall have the construction schedule and Traffic Control Plan reviewed by Riverside County to ensure construction of the proposed project does not conflict with construction activities associated with other construction projects that may be occurring at the same time in the vicinity.</p> | <ol style="list-style-type: none"> 1. Include measure in contract documents 2. Confirm construction contractor has prepared a Traffic Control Plan to the satisfaction of the CVWD Construction Inspector and CVWD's Project Manager. 3. Confirm Project Manager has coordinated with emergency services about construction. 4. Confirm CVWD Construction Inspector has the Traffic Control Plan reviewed by the County of Riverside. 5. Verify that plan is implemented during construction. | <ol style="list-style-type: none"> 1. Contracting 2. Pre-Construction 3. Pre-Construction 4. Pre-Construction 5. Construction | <ol style="list-style-type: none"> 1. Once 2. Once 3. Once 4. Once 5. Periodically throughout construction | <ol style="list-style-type: none"> 1. CVWD 2. CVWD, Construction Contractor 3. CVWD Construction Inspector 4. CVWD Construction Inspector 5. CVWD Construction Inspector | <p>CVWD</p> | <ol style="list-style-type: none"> 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ |