

# Smith Canal Gate Project Mitigation Monitoring and Reporting Program

## Mitigation Monitoring and Reporting Program for the Smith Canal Gate Project Environmental Impact Report

Description of Measure	Implementation Schedule	Party Responsible for Implementation/ Verification	Signature	Date
<b>Flood Risk, Hydrology, and Geomorphology</b>				
None				
<b>Water Quality and Groundwater Resources</b>				
WQ-MM-1a: Prepare and Implement a Turbidity Monitoring Program	Prior to and during construction	SJAFCA/Contractor		
WQ-MM-1b: Implement Construction Best Management Practices	During construction	SJAFCA/Contractor		
WQ-MM-1c: Prepare and Implement a Stormwater Pollution Prevention Plan	Prior to and during construction	SJAFCA/Contractor		
<b>Transportation and Navigation</b>				
TRA-MM-2: Implement Pavement Repairs	Prior to and during construction	SJAFCA/Contractor		
TRA-MM-3: Implement a Construction Traffic Management Plan	Prior to and during construction	SJAFCA/Contractor		
TRA-MM-4a: Provide Satellite Construction Parking Areas	During construction	SJAFCA/Contractor		
TRA-MM-4b: Provide Additional Recreational Parking Areas	During construction	SJAFCA/Contractor		
<b>Air Quality</b>				
AQ-MM-1a: Prepare and Implement a Dust Control Plan to Reduce Fugitive Dust Emissions	Prior to and during construction	Contractor		

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<b>Greenhouse Gases and Climate Change</b>				
None				
<b>Noise</b>				
NOI-MM-1a: Employ Noise-Reducing Construction Practices during Construction	During construction	SJAFCA/Contractor		
NOI-MM-1b: Prior to Construction, Initiate a Complaint/Response Tracking Program	Prior to construction	SJAFCA		
<b>Vegetation and Wetlands</b>				
VEG-MM-1a: Conduct Floristic Surveys for Special-Status Plants during Appropriate Identification Periods	Prior to construction	SJAFCA		
VEG-MM-1b: Avoid or Compensate for Effects on Special-Status Plants	Prior to and after construction	SJAFCA, in coordination with CDFW and/or FWS		
VEG-MM-1c: Install Exclusion Fencing around Sensitive Resource Areas	Prior to and during construction	SJAFCA/Contractor		
VEG-MM-1d: Conduct Mandatory Contractor/Worker Awareness Training for Construction Personnel	Prior to construction	SJAFCA/Contractor		
VEG-MM-1e: Retain a Biological Monitor	During construction	SJAFCA/Contractor		
VEG-MM-2: Compensate for Loss of Nonnative Riparian Habitat	After construction	SJAFCA		
VEG-MM-3: Compensate for Loss of Tidal Emergent Wetland	Prior to construction	SJAFCA		
VEG-MM-4: Compensate for Loss of Tidal Perennial Drainage	Prior to construction	SJAFCA		
VEG-MM-5: Conduct an Assessment of Potential Waters of the United States within Project Staging Area	Prior to construction	SJAFCA		
VEG-6a: Protect Trees to Be Preserved in the Project Area	Prior to and during construction	SJAFCA		

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VEG -MM-6b: Compensate for Loss of Heritage Trees	Prior to and after construction	SJAFCA		
VEG -MM-7: Avoid and Minimize Spread or Introduction of Invasive Plant Species	Prior to and during construction	SJAFCA/Contractor		
<b>Fish and Aquatic Resources</b>				
AQU-MM-1: Limit In-Water Construction Activity to Periods of the Year That Minimize Effects on Fish	During construction	SJAFCA/Contractor		
AQU-MM-2a: Minimize Exceedance of Interim Threshold Sound Levels during Pile Driving to Minimize Effects on Fish	During construction	SJAFCA/Contractor		
AQU-MM-2b: Develop and Implement a Hydroacoustic Monitoring Plan to Minimize Noise Effects on Fish	Prior to and during construction	SJAFCA/Contractor		
AQU-MM-4: Hire a Qualified Fisheries Biologist during Dewatering Activities to Minimize Fish Mortality	During construction	SJAFCA/Contractor		
<b>Wildlife</b>				
WILD-MM-1: Conduct a Preconstruction Survey and Monitor for Western Pond Turtle during Instream Water Work	Prior to construction	SJAFCA		
WILD-MM-2: Avoid Disturbance of Tree-, Shrub-, and Ground-Nesting Special-Status and Non-Special-Status Migratory Birds and Raptors and Conduct Preconstruction Nesting Bird Surveys	Prior to and during construction	SJAFCA		
WILD-MM-3a: Conduct Preconstruction Surveys for Active Burrowing Owl Burrows and Implement the 2012 California Department of Fish and Game Guidelines for Burrowing Owl Mitigation, if Necessary	Prior to construction	SJAFCA, in coordination with CDFW		
WILD-MM-3b: Compensate for Loss of Burrowing Owl Habitat	Prior to construction	SJAFCA		

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WILD-MM-5: Conduct Preconstruction Surveys for Roosting Bats and Implement Protective Measures	Prior to and during construction	SJAFCA/Contractor		
WILD-MM-6: Ensure Staging Areas are Located away from California Sea Lions	Prior to and during construction	Contractor		
<b>Visual Resources</b>				
VIS-MM-1a: Limit Activities That Would Require High-Intensity Lighting to Be Used for Illumination to Daylight Hours	During construction	Contractor		
VIS-MM-1b: Limit Traffic Delays at Moreing Road to Off-Peak Commute Hours	During construction	Contractor		
VIS-MM-2a: Apply Aesthetic Surface Treatments to Ancillary Project Features	During and after construction	SJAFCA/Contractor/Appropriate Operating Agency or Organization		
VIS-MM-2b: Work with Affected Stakeholders to Determine Appropriate Sheet Pile Wall Aesthetic Treatments	Prior to and during construction	SJAFCA		
<b>Recreation</b>				
REC-MM-1: Direct Displaced Recreationists to Under-Utilized Recreation Facilities	During construction	SJAFCA		
REC-MM-2: Implement Measures to Aid Navigation	During construction	SJAFCA/Contractor		
<b>Utilities and Public Services</b>				
UTL-MM-1: Coordinate with Utility Providers, Prepare a Response Plan, and Conduct Worker Training	Prior to and during construction	SJAFCA/Contractor		
UTL-MM-3: Coordinate with Public Service Providers	Prior to and during construction	SJAFCA/Contractor		

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<b>Public Health and Environmental Hazards</b>				
HAZ-MM-1: Prepare and Implement a Spill Prevention, Control, and Countermeasure Plan	Prior to and during construction	SJAFCA/Contractor		
HAZ-MM-2: Implement Measures to Maintain Soil and Groundwater Conditions	During construction	SJAFCA/Contractor		
HAZ-MM-3: Notify the Public of Construction Area Closure and Secure Staging Areas	Prior to and during construction	SJAFCA/Contractor		
<b>Cultural Resources</b>				
CUL-MM-2: Halt Work if Previously Unidentified Archaeological Resources are Encountered until a Qualified Archaeologist Assesses the Find and Native American Consultation has been Conducted	During construction	Contractor		
CUL-MM-3: Stop Work in Case of Accidental Discovery of Buried Human Remains until Procedures in PRC Section 5097 have been Completed	During construction	Contractor		