

Southport Sacramento River Early Implementation Project Mitigation Monitoring and Reporting Program

Mitigation Monitoring and Reporting Program for the West Sacramento Levee Improvements Program Southport Sacramento River 408 Permission Environmental Impact Report

Description of Measure	Implementation Schedule	Party Responsible for Implementation/ Verification	Signature	Date
Environmental Commitments				
Nesting or Roosting Raptors Survey	Prior to construction	WSAFCA, in coordination with CDFW		
Protection of Regulated and Riparian Trees	Prior to and during construction	WSAFCA, in coordination with CDFW and the City of West Sacramento		
Invasive Plant Species Prevention	During and following construction	WSAFCA, in coordination with the Yolo County Agricultural Commissioner		
Noise-Reducing Construction Practices	During construction	WSAFCA, in coordination with its contractor		
Property Acquisition Compensation and Temporary Resident Relocation Plan	Prior to and during construction	WSAFCA, in coordination with its contractor		
Traffic Control and Road Maintenance Plan	During construction	WSAFCA, in coordination with City and county public works departments		
Coordination to Ensure Minimal Overlap in Disturbances to Traffic during Construction	Prior to and during construction	WSAFCA, in coordination with the City		
Construction Area Closure Notification	Prior to construction	WSAFCA		
Minimize Construction-Related Effects on Navigation	During construction	WSAFCA		
Preserve Marina Access	During construction	WSAFCA		
Minimize Effects Associated with Recreation Enhancements	During construction	WSAFCA		
Stormwater Pollution Prevention Plan	Prior to construction	WSAFCA, in coordination with its contractor		

Description of Measure	Implementation Schedule	Party Responsible for Implementation/ Verification	Signature	Date
Bentonite Slurry Spill Contingency Plan (Frac-Out Plan)	Prior to construction	WSAFCA, in coordination with its contractor		
Spill Prevention, Control, and Countermeasure Plan	Prior to construction	WSAFCA, in coordination with its contractor		
Turbidity Monitoring in Adjacent Water Bodies	During construction	WSAFCA		
Groundwater Well Protection Measures	During construction	WSAFCA		
Soil Supply Protection Measures	Prior to, during, and following construction	WSAFCA		
Soil Hazards Testing and Soil Disposal Plan	Prior to construction	WSAFCA, in coordination with its contractor		
Giant Garter Snake and Its Habitat Effects Minimization	Prior to and during construction	WSAFCA, in coordination with its contractor and CDFW		
Roadway Noise and Light Reduction	Prior to construction	WSAFCA		
Mosquito and Vector Control Management Plan	During and following construction	WSAFCA, in coordination with its contractor and the Sacramento-Yolo Mosquito and Vector Control District		
Aquatic Invasive Species Prevention	Prior to and during construction	WSAFCA, in coordination with CDFW		
Construction-Related Damage Assessment	Prior to, during, and after construction	WSAFCA, in coordination with its contractor		
Flood Risk Management and Geomorphic Conditions				
FR-MM-1: Coordinate with Owners and Operators, Prepare Drainage Studies as Needed, and Remediate Effects through Project Design	Prior to and during construction	WSAFCA/Contractor		
FR-MM-2: Monitor Depositional Feature Integrity and Stability Postconstruction, and Remediate Effects through Restoration Activities	After construction	WSAFCA		

Description of Measure	Implementation Schedule	Party Responsible for Implementation/ Verification	Signature	Date
Water Quality and Groundwater Resources				
WQ-MM-1: Implement Provisions for Dewatering	Prior to and during construction	WSAFCA/Contractor		
Geology, Seismicity, Soils, and Mineral Resources				
GEO-MM-1: Implement the Reclamation Actions of a Project-Specific Reclamation Plan	Prior to and during construction	WSAFCA		
Transportation and Navigation				
None				
Air Quality				
AIR-MM-1: Implement Measures to Reduce Exhaust Emissions of NO _x and PM ₁₀	Prior to and during construction	Contractor		
AIR-MM-2: Implement Fugitive Dust Control Plan	During construction	Contractor		
AIR-MM-3: Provide Advance Notification of Construction Schedule and 24-Hour Hotline to Residents	Prior to and during construction	WSAFCA/Contractor		
AIR-MM-4: Mitigate and Offset Construction-Generated NO _x Emissions to Net Zero (0) for Emissions in Excess of General Conformity <i>de Minimis</i> Threshold (Where Applicable) and to Quantities below Applicable YSAQMD and SMAQMD CEQA Thresholds	Prior to and during construction	WSAFCA		
AIR-MM-5: Mitigate and Offset Construction-Generated NO _x Emissions to Quantities below Applicable BAAQMD CEQA Thresholds	Prior to and during construction	WSAFCA		
Climate Change				
CC-MM-1: Implement Measures to Minimize GHG Emissions during Construction	During construction	WSAFCA/Contractor		
Noise				
NOI-MM-1: Employ Noise-Reducing Construction Practices	During construction	Contractor		
NOI-MM-2: Employ Vibration-Reducing Construction Practices	During construction	Contractor		

Description of Measure	Implementation Schedule	Party Responsible for Implementation/ Verification	Signature	Date
M.M. 4-8-1 from the Southport Framework Plan draft EIR.	During construction	WSAFCA		
Vegetation and Wetlands				
VEG-MM-1: Compensate for the Loss of Woody Riparian Habitat	Prior to and during construction	WSAFCA		
VEG-MM-2: Install Exclusion Fencing along the Perimeter of the Construction Work Area and Implement General Measures to Avoid Effects on Sensitive Natural Communities and Special-Status Species	Prior to and during construction	WSAFCA/Contractor		
VEG-MM-3: Conduct Mandatory Contractor/Worker Awareness Training for Construction Personnel	Prior to construction	WSAFCA/Contractor		
VEG-MM-4: Retain a Biological Monitor	Prior to and during construction	WSAFCA		
VEG-MM-5: Compensate for the Loss of Waters of the United States	Prior to, during, and after construction	WSAFCA		
VEG-MM-6: Compensate for Loss of Protected Trees	Prior to and during construction	WSAFCA		
VEG-MM-7: Retain Qualified Botanists to Conduct Floristic Surveys for Special-Status Plants during Appropriate Identification Periods	Prior to construction	WSAFCA		
VEG-MM-8: Avoid or Compensate for Substantial Effects on Special-Status Plants	Prior to construction	WSAFCA		
Fish and Aquatic Resources				
FISH-MM-1: Limit In-Water Construction Activities to Periods of the Year that Minimize Effects on Fish	During construction	WSAFCA/Contractor		
FISH-MM-2: Implement Onsite and Offsite Compensation Measures to Replace Riparian and SRA Cover Losses	During construction	WSAFCA		
FISH-MM-3: Incorporate Riparian and Wetland Vegetation in the Design of the Levee Breaches	Prior to and during construction	WSAFCA		

Description of Measure	Implementation Schedule	Party Responsible for Implementation/ Verification	Signature	Date
FISH-MM-4: Develop and Implement a Drainage and Grading Plan that Minimizes Losses of Fish from Stranding	Prior to and during construction	WSAFCA		
Wildlife				
WILD-MM-1: Establish a Minimum 20-Foot-Wide Buffer around the Elderberry Shrub	Prior to and during construction	WSAFCA/Contractor		
WILD-MM-2: Transplant Elderberry Shrubs That Cannot Be Avoided or Implement Dust Control Measures during Construction	Prior to and during construction	WSAFCA/Contractor		
WILD-MM-3: Compensate for Removal and Transplantation of VELB Habitat	Prior to and during construction	WSAFCA		
WILD-MM-4: Conduct a Preconstruction Survey for Western Pond Turtle and Exclude Turtles from Work Area	Prior to construction	WSAFCA		
WILD-MM-5: Install and Maintain Construction Barrier Fencing around Suitable Giant Garter Snake Habitat	Prior to and during construction	WSAFCA/Contractor		
WILD-MM-6: Minimize Potential Effects on Giant Garter Snakes during Construction in Suitable Habitat	During construction	WSAFCA/Contractor		
WILD-MM-7: Compensate for Permanent Loss of Giant Garter Snake Habitat	Prior to construction	WSAFCA		
WILD-MM-8: 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	WSAFCA		
WILD-MM-9: Compensate for Permanent Removal of Swainson's Hawk Foraging Habitat	After construction	WSAFCA		
WILD-MM-10: 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 and during construction	WSAFCA		

Description of Measure	Implementation Schedule	Party Responsible for Implementation/ Verification	Signature	Date
WILD-MM-11: Coordinate with Resource Agencies and Develop an Appropriate Compensation Plan for Burrowing Owl	Prior to construction	WSAFCA		
WILD-MM-12: Conduct Preconstruction Surveys for Roosting Bats and Implement Protective Measure	Prior to and during construction	WSAFCA/Contractor		
Land Use and Agriculture				
LU-MM-1: Provide Compensatory Agricultural Land Protection	After construction	WSAFCA		
LU-MM-2: Avoid Important Farmland in Borrow Areas	During construction	WSAFCA		
Socioeconomics, Environmental Justice, and Community Effects				
None				
Visual Resources				
VIS-MM-1: Use Native Wildflower Species in Erosion Control Grassland Seed Mix	During construction	WSAFCA		
VIS-MM-2: Develop a Soil Borrow Strategy and Site Reclamation Plan	Prior to construction	WSAFCA		
VIS-MM-3: Limit Construction near Residences to Daylight Hours	During construction	Contractor		
Recreation				
None				
Utilities and Public Services				
UTL-MM-1: Coordinate with Water Supply Users before and during All Water Supply Infrastructure Modifications and Implement Measures to Minimize Interruptions of Supply	Prior to and during construction	WSAFCA		
UTL-MM-2: Restore Affected Domestic and Irrigation Water Service to Pre-project Conditions	During and after construction	WSAFCA		
UTL-MM-3: Verify Utility Locations, Coordinate with Utility Providers, Prepare a Response Plan, and Conduct Worker Training	Prior to and during construction	WSAFCA/Contractor		

Description of Measure	Implementation Schedule	Party Responsible for Implementation/ Verification	Signature	Date
Public Health and Environmental Hazards				
HAZ-MM-1: Coordinate and Implement Pipeline Avoidance and Protection Measures	Prior to and during construction	WSAFCA/Contractor		
Cultural Resources				
CUL-MM-1: Detailed Recordation of the Affected Levee	Prior to construction	WSAFCA		
CUL-MM-2: Complete Archaeological Inventory and Evaluation prior to Construction and Implement Treatment or Preservation for Eligible and Adversely Affected Resources	Prior to and during construction	WSAFCA		
CUL-MM-3: Implement Inadvertent Discovery Procedures	During construction	WSAFCA/Contractor		
CUL-MM-4: Implement Human Remains Discovery Procedures	During construction	WSAFCA/Contractor		
CUL-MM-5: Implement Cultural Resource Management Protocols for Borrow Areas	Prior to and during construction	WSAFCA/Contractor		