

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 | | |

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| 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 | | |

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| 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 | | |

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| 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 | | |

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| 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 | | |

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| 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 | | |

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| 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 | | |