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Date: July 11, 2023

Item Number: \_\_\_\_\_  
Resolution Number: \_\_\_\_\_

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4/5 Vote Required

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**Resolution Of The Board Of Directors Of The Sonoma County Water Agency Determining That The Laguna-Mark West Creek Watershed Master Restoration Planning Project - High Priority Project Will Not Have A Significant Adverse Effect On The Environment, Adopting The Initial Study And Mitigated Negative Declaration For The Project, Adopting Mitigation Measures And The Mitigation Monitoring Reporting Program, Making Certain Related Findings, and Approving The Project. (Fifth District)**

**Whereas**, the Sonoma County Water Agency (Sonoma Water) proposes to reestablish the historic alignment of a reach of the Laguna de Santa Rosa and restore wetland habitats; and

**Whereas**, Sonoma Water, as Lead Agency under the California Environmental Quality Act (CEQA), prepared an Initial Study and Mitigated Negative Declaration of Environmental Impact (Initial Study) for Laguna-Mark West Creek Watershed Master Restoration Planning Project - High Priority Project (Project), in accordance with CEQA, the State CEQA Guidelines, and Sonoma Water's Compliance Procedures for CEQA; and

**Whereas**, the Initial Study discloses potential environmental impacts of implementing the Project, identifies the means to avoid and minimize potential significant adverse impacts on the environment and concludes the Project would not have a significant adverse effect on the environment with mitigation incorporated.

**Now, Therefore, Be It Resolved** that this Board finds that the foregoing recitals are true and correct and further finds, declares, determines and orders as follows:

PROCEDURAL FINDINGS.

1. The Project site is along the Laguna de Santa Rosa, north of Guerneville Road Bridge, five miles west of the City of Santa Rosa.
2. As described in the Initial Study Project Description, the purpose of the Project is to restore freshwater marsh, wet meadow, and riparian forest habitats along the Laguna de Santa Rosa. The Project site historically supported these habitat types prior to agricultural development.
3. The Notice of Completion and Notice of Availability / Notice of Intent to Adopt Initial Study

and Mitigated Negative Declaration were posted with the California Governor's Office of Planning and Research State Clearinghouse on February 22, 2023. The Notice of Availability and Initial Study were sent to responsible and trustee agencies and individuals. The Notice of Availability was sent to 58 individuals and nearby property owners. A legal notice was published in the Press Democrat on February 23, 2023. The Initial Study and Notice of Availability were also made available at Sonoma Water's administrative office and an electronic version of the document was made available on Sonoma Water's website.

4. The Initial Study was available for a 32-day public review period beginning on February 23, 2023. No comments were received.

#### SUBSTANTIVE FINDINGS.

1. Sonoma Water, as Lead Agency, has prepared the Initial Study and Mitigated Negative Declaration of Environmental Impact in accordance with CEQA, State CEQA Guidelines, and Sonoma Water's Compliance Procedures for CEQA.

2. The Board of Directors of Sonoma Water (Board) has reviewed and considered the environmental effects of the Project as disclosed in the Initial Study and Mitigated Negative Declaration;

3. Less-than-Significant Impacts

The Board finds that the Project described in the Initial Study has certain impacts that are less than significant, which are fully and accurately identified in the Initial Study's Chapter 3, Environmental Checklist.

4. Significant Impacts Reduced to a Less than Significant Level by Mitigation Measures

The Board finds that the Project would cause certain potentially significant adverse environmental impacts, which are fully described in the Initial Study, Chapter 3. Environmental Checklist. The Board further finds that changes or alterations have been required in or incorporated into the Project that will mitigate those impacts to less than significant levels as described in Chapter 3 of the Initial Study. A Mitigation Monitoring and Reporting Program, as described in Appendix D of the Initial Study, was prepared and is included as Exhibit A. Based on such findings, and the above statement of facts, the Board hereby finds that the significant or potentially significant adverse environmental effects posed by the Project have been eliminated or reduced to a less than significant level.

5. Mitigation and Monitoring Reporting Program

A Mitigation and Monitoring Program, as described in Appendix D of the Initial Study, was prepared. The contents of this program are set forth in Exhibit A, attached hereto and incorporated herein by this reference. The Board finds that this mitigation monitoring and reporting program is designed to ensure compliance with the mitigation measures described in the Initial Study. It will be implemented in

accordance with all applicable requirements of the CEQA Statute, the State CEQA Guidelines, and Sonoma Water’s Compliance Procedures for CEQA.

- 6. The Board finds that the Initial Study represents a good faith effort to achieve completeness and full environmental disclosure; and
- 7. The Board has reviewed and considered the information in the Initial Study, and finds that there is no substantial evidence that the Project will have a significant effect on the environment with mitigation incorporated and that the Mitigated Negative Declaration reflects the independent judgment and analysis of the Board.

**Be It Further Resolved** that the Board of Directors of the Sonoma County Water Agency having received, reviewed, and considered the Initial Study and Mitigated Negative Declaration of Environmental Impact and other evidence in the administrative record, hereby finds, determines, and certifies as follows:

- 1. All of the above recitals are true and correct.
- 2. The Initial Study and Mitigated Negative Declaration of Environmental Impact for the Project is hereby adopted. The Mitigation Monitoring and Reporting Program (Exhibit A) is hereby adopted and the Board authorizes and directs the General Manager or his assigns to take all appropriate steps in accordance with such program to ensure that the required mitigation measures are carried out.
- 3. The Project is hereby approved and the Sonoma Water’s General Manager will file a Notice of Determination with the County Clerk in conformance with the provisions of CEQA, State CEQA Guidelines, and Sonoma Water’s Compliance Procedures for CEQA.
- 4. The Clerk of the Board is designated as the custodian of the documents and other materials that constitute the record of the proceedings upon which the Board’s decisions herein are based. These documents may be found at the office of the Clerk of the Board, 575 Administration Drive, Room 100A, Santa Rosa, CA 95403.

**Directors:**

Gorin:	Rabbitt:	Gore:	Hopkins:	Coursey:
Ayes:	Noes:	Absent:	Abstain:	

**So Ordered.**

# Mitigation Monitoring and Reporting Program for the Laguna-Mark West Creek Watershed Master Restoration Planning Project – High Priority Project

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The Sonoma County Water Agency (Sonoma Water) is the project proponent and lead agency in accordance with the California Environmental Quality Act (CEQA) for the Laguna-Mark West Creek Watershed Master Restoration Planning – High Priority Project (Project). Sonoma Water prepared an Initial Study and Mitigated Negative Declaration of Environmental Impact (IS/MND) for the Project. Mitigation measures were determined necessary to reduce potentially significant impacts to a less-than-significant level for several environmental factors, including biological resources, cultural resources, geology and soils, hazards and hazardous materials, noise, transportation, and tribal cultural resources.

CEQA and the State CEQA Guidelines (Public Resources Code Section 21081.6 and State CEQA Guidelines Section 15097) require that a mitigation monitoring and reporting program (MMRP) be adopted upon certification of a mitigated negative declaration to ensure that the mitigation measures are implemented. This MMRP has been prepared to ensure compliance with CEQA and that all required mitigation measures are implemented and completed in a satisfactory manner before, during, and after project construction, operation, and maintenance, as applicable. The Project IS/MND was certified and MMRP adopted by Sonoma Water’s Board of Directors on May 16, 2023. A record of the MMRP will be maintained at the administrative office of Sonoma Water, 404 Aviation Boulevard, Santa Rosa, CA, 95403.

The MMRP is organized in a table format that includes the following:

- **Mitigation Measure**, the verbatim text of the mitigation measure specified in the Project IS/MND.
- **Action**, the discrete action(s) to be implemented to ensure compliance with the mitigation measure.
- **Implementing Party**, the individual and/or entity responsible for implementing the mitigation measure.
- **Timing**, the time frame in which the mitigation will be implemented.
- **Responsible Party**, the individual or entity that will monitor the measure and ensure that it complies with this MMRP.
- **Verification**, date and signature by the Responsible Party confirming an action was completed by one of the following:

- Technical Writing,
- Construction Inspection,
- Engineering,
- Operations and Maintenance (O&M),
- Environmental Resources (ER), or
- ER Project Manager (PM)

Mitigation Monitoring and Reporting Program for the Laguna-Mark West Creek Watershed Master Restoration Planning – High Priority Project

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<b>Biological Resources</b>					
<p><b>Mitigation Measure BIO-1: Pre-construction Biological Surveys and Avoidance</b></p> <p>Sonoma Water shall conduct pre-construction biological resources surveys to identify special-status plants and animals in the Proposed Project area, as follows:</p> <ol style="list-style-type: none"> <li>1. Pre-construction surveys shall be conducted by a qualified biologist, no more than one week prior to commencement of construction activities or maintenance that could impact special-status plant or wildlife species. The biologist shall have familiarity with special-status species of the area and experience with conducting special-status species surveys. A qualified biologist (including those specializing in botany, wildlife, and fisheries) is an individual who shall have a minimum of five years of academic training and professional experience in biological sciences and related resource management activities with a minimum of two years conducting surveys for each species that may be present within the project area. Sonoma Water may also utilize appropriately experienced and/or trained environmental staff. Resumes shall be submitted to California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, and/or National Marine Fisheries Service, as appropriate, for approval prior to commencement of biological surveys.</li> <li>2. If no special-status species are encountered, no further surveys would be needed, unless additional measures are required by regulatory permit conditions obtained for the Proposed Project.</li> </ol>	Items 1-4	ER	Prior to construction and maintenance	PM	

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<p>3. Additional pre-construction surveys shall be conducted such that no more than two weeks will have lapsed between the survey and construction or maintenance activities.</p> <p>4. If a special-status species is encountered, the location will be documented and avoidance and minimization measures will be prepared by the qualified biologist, in coordination with resource agencies. Avoidance and minimization measures shall include, but not be limited to, establishment of a no-work buffer around special-status species, or relocation out of the construction area, see Mitigation Measure BIO-4.</p>					
<p><b>Mitigation Measure BIO-2: Worker Environmental Awareness Training</b>  Sonoma Water shall require contractors, through project contract specifications, and internal staff to participate in the following:</p> <p>1. Prior to beginning construction activities, all personnel involved in the activities shall participate in an educational training session conducted by a qualified biologist. A qualified biologist (including those specializing in botany, wildlife, and fisheries) is an individual who shall have a minimum of five years of academic training and professional experience in biological sciences and related resource management activities with a minimum of two years conducting surveys for each species that may be present within the Proposed Project site. Resumes will be submitted to California Department of Fish and Wildlife, U.S. Fish and Wildlife Service and/or National Marine Fisheries Service, as appropriate, for approval prior to commencement of biological surveys. This training will include instruction on how to identify bird nests, recognize special status species and sensitive habitats, regulatory protections, and the</p>	<p>Include items 1-2 in the project contract specifications</p> <p>Schedule time for training with contractor</p> <p>Schedule time for training with maintenance staff</p>	<p>Technical Writing</p> <p>Construction Inspection</p> <p>O&amp;M</p>	<p>Contractor agreement</p> <p>Prior to construction and maintenance</p> <p>Prior to maintenance</p>	<p>Technical Writing</p> <p>Construction Inspection</p> <p>O&amp;M</p>	

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<p>appropriate protocol if any special species or nests are found during Proposed Project implementation.</p> <p>2. Personnel who miss the first training session must participate in a make-up session before conducting construction activities.</p>	Items 1 and 2 - conduct training	ER	Prior to construction and maintenance	PM	
<p><b>Mitigation Measure BIO-3: Salmonid Protections</b></p> <p>Although steelhead and coho salmon are unlikely to be present in the project area during construction and maintenance, the following measures will further avoid and minimize potential impacts to these fish species.</p> <p>1. Sonoma Water shall obtain and comply with a Section 404 Clean Water Act permit from the U.S. Army Corps of Engineers. Sonoma Water shall comply with the requirements of the Biological Opinion issued for the Project by NMFS. If CDFW finds that the Biological Opinion does not satisfy CESA requirements, Sonoma Water shall obtain and comply with a State Incidental Take Permit under Section 2081(b) of the California Fish and Game Code.</p>	Item 1 - obtain applicable permits	ER	Prior to construction and maintenance	PM	
<p><b>Mitigation Measure BIO-4: Special-Status Aquatic Species Relocation Out of Construction Areas.</b></p> <p>Sonoma Water shall prepare a Special-Status Species Relocation Plan prior to relocating aquatic species out of construction or maintenance areas. The relocation plan at a minimum shall include the following:</p> <p>1. Qualifications of individuals conducting relocation activities, including documented experience with successful relocations for the relevant species and all required authorizations, a qualified biologist (including those specializing in botany, wildlife, and fisheries) is an individual who shall have a minimum of five years of academic training and professional experience in biological</p>	Item 1 – 10 prepare and implement relocation plan	ER	Prior to construction and maintenance	PM	

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<p>sciences and related resource management activities with a minimum of two years conducting surveys for each species that may be present within the Proposed Project site;</p> <ol style="list-style-type: none"> <li>2. life stages (juveniles and adults) of the aquatic species (coho salmon and steelhead, northwestern pond turtle) that would be relocated if they are present, and life stages at which relocation may not be feasible, for example, for eggs and associated avoidance measures;</li> <li>3. survey methods for identifying special-status species in the project area, which are anticipated to include dipnetting, seining, and electrofishing;</li> <li>4. capture and relocation methods, including dipnetting, seining, and electrofishing, including following the Restraint and Handling of Live Amphibians Standard Operation Procedures, prepared by USGS, dated February 16, 2001;</li> <li>5. identification and description of the relocation area;</li> <li>6. the following criteria will be considered when selecting relocation site(s): proximity to the work area, similar water temperature as capture location, ample habitat availability prior to release of captured aquatic species, and low likelihood of animals reentering work site;</li> <li>7. description of potential impacts from the proposed electrofishing to non-fish species, and methods for minimizing such impacts;</li> <li>8. monitoring of water quality and health of relocated animals;</li> <li>9. method for ensuring relocated animals do not return to the Project area, such as location of block nets or cofferdams, which will be determined in the field based on wetted conditions onsite at the time of project construction; and</li> </ol>					

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<p>10. the Special-Status Species Relocation Plan shall be submitted to California Department of Fish and Wildlife for approval prior to commencement of relocating aquatic species out of construction or maintenance areas.</p>					
<p><b>Mitigation Measure BIO-5: Nesting Bird Protection Measures</b></p> <p>1. If construction or maintenance activities must be scheduled during the nesting season (February 15 through August 15 for most birds), a qualified biologist, familiar with the species and habitats in the area, shall conduct pre-construction surveys for raptors within suitable habitat within 500 feet of construction and maintenance activities and passerine nesting birds within 50 feet of construction and maintenance activities. The surveys shall be conducted no more than one week before initiation of construction or maintenance activities. If no active nests are detected during surveys, activities may proceed. Vegetation removal activities will be conducted under the guidance of a qualified biologist or designated trained monitor. A qualified biologist (including those specializing in botany, wildlife, and fisheries) is determined by a combination of academic training and professional experience in biological sciences and related resource management activities. Sonoma Water may also utilize appropriately experienced and/or trained environmental staff. Resumes will be submitted to California Department of Fish and Wildlife (CDFW), U.S. Fish and Wildlife Service and/or National Marine Fisheries Service, as appropriate, for approval prior to commencement of biological surveys.</p> <p>2. If active nests are identified in the project area, non-disturbance buffers shall be established at a distance of 500 feet for raptors and 50 feet for all other bird species. Buffer distance may be adjusted</p>	<p>Item 1 - schedule time for nest survey with ER</p> <p>Item 1 - conduct nesting bird survey</p> <p>Item 2 - establish nest buffers</p>	<p>Construction Inspection</p> <p>ER</p> <p>ER</p>	<p>1 week prior to construction and maintenance</p> <p>1 week prior to construction and maintenance</p> <p>During construction and maintenance</p>	<p>Construction Inspection</p> <p>PM</p> <p>PM</p>	

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<p>with CDFW approval if the adjustment will not disturb birds. If active nests are found within 500 feet of a work area, a qualified biologist shall be on site as necessary to monitor the nests for signs of nest disturbance. If it is determined that construction or maintenance activity is resulting in nest disturbance, work shall cease immediately and CDFW shall be contacted. Buffers will remain in place until a qualified biologist determines that the young have successfully fledged, or nests have been otherwise abandoned.</p>					
<p><b>Mitigation Measure BIO-6: Protect Jurisdictional Waters and Wetlands</b>  Construction activities resulting in the introduction of fill or other disturbance to jurisdictional wetlands and other protected waters may require a permit from the US Army Corps of Engineers (USACE) pursuant to Section 404 of the Clean Water Act (CWA), a Water Quality Certification from North Coast Regional Water Quality Control Board (NCRWQCB) pursuant to Section 401 of the CWA, and California Department of Fish and Wildlife (CDFW) has jurisdiction over streams and may require a Streambed Alteration Agreement (SAA) under Section 1602 of the California Fish and Game Code. Sonoma Water shall apply for permits from the appropriate regulatory agencies and comply with terms.</p>	Obtain permits	ER	Prior to construction	PM	
<b>Cultural Resources</b>					
<p><b>Mitigation Measure CUL-1: Inadvertent Discovery of Historical and Archaeological Resources and Worker Awareness Training.</b></p> <p>1. The contractor shall comply with Sonoma Water’s Standard Contract Documents regarding the discovery of cultural resources, including Native American cultural resources and items of historical and archaeological interest. The Sonoma Water</p>	Include items 1-2 in the project	Technical Writing	Contractor agreement	Technical Writing	

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<p>Construction Inspector and construction personnel will be notified of the possibility of encountering cultural resources during project construction.</p> <p>a. Prior to initiation of ground-disturbing activities, Sonoma Water shall arrange for construction personnel to receive training about the kinds of cultural materials that could be present at the project sites and protocols to be followed should any such materials be uncovered during construction. An archaeologist who meets the U.S. Secretary of Interior’s professional standards (48 CFR Parts 44738-44739 and Appendix A to 36 CFR 61) shall provide appropriate archaeological training, including the purpose of the training to increase awareness and knowledge of tribal cultural resources and appropriate protocols in the event of an inadvertent discovery. The Tribal Monitor shall provide appropriate tribal cultural resources training as determined by the Tribe. Training may be required during different phases of construction to educate new construction personnel.</p> <p>2. The project specifications will provide that if discovery is made of items of historical, archeological, or cultural interest, the contractor will immediately cease all work activities in the area of discovery. Historical, archaeological, and cultural indicators may include, but are not limited to, dwelling sites, locally darkened soils, stone implements or other artifacts, fragments of glass or ceramics, animal bones, and human bones. After cessation of excavation, the contractor will immediately contact Sonoma Water’s Construction Inspector. The contractor will not resume</p>	<p>contract specifications</p> <p>Item 1a - schedule archaeologist and tribal monitor for worker training</p> <p>Item 2 - inadvertent discovery of archaeological materials</p>	<p>ER</p> <p>Construction Inspection</p>	<p>Prior to construction and maintenance</p> <p>During construction and maintenance</p>	<p>PM</p> <p>Construction Inspection</p>	

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<p>work until authorization is received from the Construction Inspector.</p> <ul style="list-style-type: none"> <li>a. In the event of unanticipated discovery of archaeological materials occurs during construction, Sonoma Water shall retain the services of a qualified professional archaeologist who meets the U.S. Secretary of Interior’s professional standards (48 CFR Parts 44738-44739 and Appendix A to 36 CFR 61) to evaluate the significance of the items prior to resuming any activities that could impact the site.</li> <li>b. In the case of an inadvertent archaeological discovery, if it is determined that the find is potentially eligible for listing in the California Register of Historical Resources and/or National Register of Historic Places, and the site cannot be avoided, additional mitigation measures shall be implemented. Mitigation measures may include (but are not limited to): avoidance; capping the site; deeding the site into a permanent conservation easement; or data recovery excavation. Mitigation measures for historical resources shall be developed in consultation with responsible agencies, and the culturally affiliated Native American tribe. If data recovery excavation is necessary, Sonoma Water shall provide an Archaeological Resource Management and Data Recovery Plan, prepared by a qualified archaeologist, outlining recovery of the resource, analysis, and reporting of the find. The Archaeological Resource Management and Data Recovery Plan shall be approved by Sonoma Water and affected Native American tribe. Implementation of the Archaeological Resource</li> </ul>					

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
Management and Data Recovery Plan shall be conducted prior to work being resumed.					
<p><b>Mitigation Measure CUL-2: Inadvertent Discovery of Human Remains</b></p> <p>The project specifications shall require the contractor to comply with Public Resources Code 5097.98 and Health and Human Safety Code 7050.5, as they pertain to the discovery of human remains. If human remains are encountered, the contractor shall halt work in the vicinity of the find, and contact Sonoma Water’s Construction Inspector and the Sonoma County Coroner in accordance with Public Resources Code Section 5097.98 and Health and Safety Code Section 7050.5. Work shall cease in the immediate area until the Section 5097.8 process is concluded.</p>	Include measure in the project contract specifications	Technical Writing	Contractor agreement	Technical Writing	
<b>Geology and Soils</b>					
<p><b>Mitigation Measure GEO-1: Minimize Erosion, Sedimentation, and Discharge to Surface and Groundwater</b></p> <p>Sonoma Water will require contractors, through project contract specifications, and maintenance staff to implement the following in accordance with Caltrans BMP Manual (Caltrans, 2017) if not otherwise included in the project Storm Water Pollution Prevention Plan (SWPPP):</p> <ol style="list-style-type: none"> <li>1. Soil disturbance shall be kept to the minimum footprint necessary to complete the project and existing vegetation should be preserved to the extent feasible.</li> <li>2. Staging will occur on work areas, access roads, surface streets, designated stockpile areas, or other disturbed areas that are already compacted and only support ruderal vegetation. Similarly, all equipment and materials will be contained within the existing service roads, paved roads, or other pre-</li> </ol>	<p>Include measure in the project contract specifications</p> <p>Items 1-13 protections</p>	<p>Technical Writing</p> <p>Construction Inspection</p>	<p>Contractor agreement</p> <p>During construction and maintenance</p>	<p>Technical Writing</p> <p>Construction Inspection</p>	

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<p>determined staging and stockpile areas. Stockpiling of materials, including portable equipment, vehicles and supplies (e.g., chemicals), shall be restricted to the designated construction staging areas.</p> <ol style="list-style-type: none"> <li>3. All project-related items, including equipment, stockpiled material, temporary erosion control treatments, and trash, will be removed within 72 hours of project completion.</li> <li>4. As necessary, to prevent sediment-laden water from being released during transport of spoils to onsite disposal locations, truck beds will be lined with an impervious material (e.g., plastic), or the tailgate blocked with wattles, hay bales, or other appropriate filtration material. Trucks may drain excess water by slightly tilting the loads and allowing the water to drain out through the applied filter, only within the active work area where the sediment is being loaded into the trucks.</li> <li>5. No runoff from the staging areas will be allowed to enter waters of the State, including the creeks or storm drains, without being subjected to adequate filtration (e.g., vegetated buffer, hay wattles or bales, silt screens). The discharge of decant water from any onsite temporary sediment stockpile, or storage areas, to waters of the State, including surface waters or surface water drainage courses, outside of the active project site, is prohibited.</li> <li>6. During the dry season (June 15 to October 15), if stockpiled soils will remain exposed and unworked for more than 7 days then erosion control measures will be utilized. During the wet season (October 16 to June 15), no stockpiled soils will remain exposed, unless surrounded by properly installed and maintained silt fencing or other means of erosion control.</li> <li>7. Work will avoid significant rainfall events. Significant rainfall is defined as 0.1 inch of rain in a 24-hour period. Work will</li> </ol>					

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<p>resume when conditions allow and as specified in the SWPPP and Construction General Permit for the Proposed Project.</p> <ol style="list-style-type: none"> <li>8. In anticipation of the first significant rainfall event, exposed soils will be stabilized according to requirements of the SWPPP and Construction General Permit.</li> <li>9. Following completion of construction or maintenance activities, upland soils should be seeded and stabilized using erosion control fabric, straw, and/or hydroseeding using California certified weed free native seeds appropriate for the site.</li> <li>10. Erosion control fabrics shall consist of natural fibers that will biodegrade over time. No plastic or other non-porous material will be used as part of a permanent erosion control approach. Plastic sheeting may be used to temporarily protect a slope from runoff.</li> <li>11. Erosion control measures shall be installed according to manufacturer's specifications.</li> <li>12. Appropriate measures include, but are not limited to, the following (measures utilized would be implemented in accordance with the Caltrans BMP Manual (Caltrans, 2017)):               <ol style="list-style-type: none"> <li>a. Silt fences</li> <li>b. Straw bale barriers</li> <li>c. Brush or rock filters</li> <li>d. Storm drain inlet protection</li> <li>e. Sediment traps</li> <li>f. Sediment basins</li> <li>g. Erosion control blankets and mats</li> <li>h. Straw wattles</li> </ol> </li> </ol>					

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<p>i. Soil stabilization (i.e., tackified straw with native seed, jute or geotextile blankets, broadcast and hydroseeding, etc.)</p> <p>13. All temporary construction-related erosion control methods (e.g., silt fences) shall be removed at the completion of construction, or as directed by a qualified erosion control specialist.</p>					
<b>Hazards and Hazardous Materials</b>					
<p><b>Mitigation Measure HAZ-1: Spill Prevention and Response</b>  Sonoma Water shall require contractors, through project specifications, to prepare a Storm Water Pollution Prevent Plan (SWPPP). The SWPPP shall comply with Caltrans Storm Water Pollution Prevention Plan and Water Pollution Control Program Preparation Manual and the Caltrans Construction Site Best Management Practices Manual. Sonoma Water will require contractors, through project contract specifications, and maintenance staff to follow the SWPPP during all project activities as well as implement the following measures:</p> <ol style="list-style-type: none"> <li>1. All field personnel shall be appropriately trained in spill prevention, hazardous material control, and cleanup of accidental spills.</li> <li>2. Equipment and materials for cleanup of spills will be available on site and spills and leaks will be cleaned up immediately and disposed of in accordance with local, state, and federal regulations.</li> <li>3. Spill prevention kits shall always be in close proximity when using hazardous materials (e.g., crew trucks and other logical locations). Spill clean-up materials will be stockpiled where</li> </ol>	<p>Include measure in the project contract specifications</p> <p>Items 1-7 spill prevention</p>	<p>Technical Writing</p> <p>Construction Inspection</p>	<p>Contractor agreement</p> <p>During construction and maintenance</p>	<p>Technical Writing</p> <p>Construction Inspection</p>	

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<p>they are readily accessible. All field personnel shall be advised of these locations and trained in their appropriate use.</p> <ol style="list-style-type: none"> <li>4. During construction and maintenance activities, Sonoma Water staff and contractor(s) will routinely inspect the work site to verify that items 1-3 above are properly implemented and maintained.</li> <li>5. Absorbent materials will be used on small spills located on impervious surface rather than hosing down the spill; wash waters shall not discharge to the storm drainage system or surface waters. For small spills on pervious surfaces such as soils, wet materials will be excavated and properly disposed rather than burying it. The absorbent materials will be collected and disposed of properly and promptly.</li> <li>6. Vehicle and equipment maintenance activities will be conducted offsite or in a designated, protected area away from flowing water equipped with secondary containment and designed to avoid a direct connection to underlying soil, surface water, or the storm drainage system. For stationary equipment that must be fueled onsite, secondary containment, such as a drain pan or drop cloth, shall be provided in such a manner to prevent accidental spill of fuels to underlying soil, surface water, or the storm drainage system.</li> <li>7. All vehicles and equipment will be kept clean. Excessive build-up of oil or grease will be avoided. Incoming vehicles and equipment will be checked for leaking oil and fluids (including</li> </ol>					

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
delivery trucks, and employee and subcontractor vehicles). Leaking vehicles or equipment will not be allowed onsite.					
<b>Noise</b>					
<p><b>Mitigation Measure NOI-1: Avoid and Minimize Ambient Noise</b> Sonoma Water will require contractors, through project contract specifications, and maintenance staff to implement in the following:</p> <ol style="list-style-type: none"> <li>1. Work will be limited to the hours of 7:00 a.m. to 7:00 p.m. Monday through Friday, and 8:00 a.m. to 6:00 p.m. on Saturday. No construction shall be permitted on Sunday or on holidays.</li> <li>2. Power equipment (vehicles, heavy equipment, and hand equipment) will be equipped with manufacturer’s sound-control devices, or alternate sound control that is no less effective than those provided as original equipment. Equipment will be operated and maintained to meet applicable standards for construction noise generation. No equipment will be operated with an unmuffled exhaust.</li> </ol>	<p>Include measure in the project contract specifications</p> <p>Items 1-2</p>	<p>Technical Writing</p> <p>Construction Inspection</p>	<p>Contractor agreement</p> <p>During construction and maintenance</p>	<p>Technical Writing</p> <p>Construction Inspection</p>	
<b>Transportation</b>					
<p><b>Mitigation Measure TRA-1: Traffic Control Measures</b> Sonoma Water will require contractors, through project contract specifications, and maintenance staff to implement the following:</p> <ol style="list-style-type: none"> <li>1. Construction and maintenance activities will be staged and conducted in a manner that maintains two-way traffic flow on public roadways in the Proposed Project vicinity of the work site to the maximum extent practicable. If unexpected temporary lane closures are necessary, they will be coordinated with the County of Sonoma at least seven days</li> </ol>	<p>Include items 1-8 in the project contract specifications</p> <p>Items 1-8</p>	<p>Technical Writing</p> <p>Construction Inspection</p>	<p>Contractor agreement</p> <p>During construction</p>	<p>Technical Writing</p> <p>Construction Inspection</p>	

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
<p>prior to commencement of closure and scheduled to occur outside of peak traffic hours (7:00 – 10:00 a.m. and 3:00 – 6:00 p.m.). Work will be coordinated so that emergency vehicles and personnel shall be provided immediate access at all times.</p> <ol style="list-style-type: none"> <li>3. Traffic control and safety precautions shall conform to the “California Manual on Uniform Traffic Control Devices” (latest edition), and applicable provisions of the County of Sonoma encroachment permits.</li> <li>4. Traffic control and safety precautions shall provide safe passage for vehicular, bicyclist, and pedestrian traffic on Guerneville Road at all times.</li> <li>5. At least seven days prior to commencement of work, notify residents along the Proposed Project roadways, in writing, that traffic flows will be subject to detours and/or delays, and that access to individual driveways may be disrupted during working hours. Notice will also be provided in writing to the property owner.</li> <li>6. At least seven days prior to commencement of work, post notifications in the Proposed Project site to inform drivers of impending construction work and likely delays and detours.</li> <li>7. Access for driveways and private roads will be maintained. If brief periods of construction would temporarily block access, property occupants would be notified, in writing, at least three days in advance of blocking property occupants’ driveways. Notice will also be provided in writing to the property owner.</li> </ol>	<p>traffic management</p>		<p>and maintenance</p>		

Mitigation Measure	Action	Implementing Party	Timing	Responsible Party	Verification (Signature, Date of Compliance)
8. Adequate off-street parking will be provided or designated public parking areas will be used for workers' personal vehicles and construction-related vehicles not in use through the maintenance period.					
<b>Tribal Cultural Resources</b>					
<b>Mitigation Measure TCR-1: Tribal Monitor and Archaeologist During Ground-disturbing Activities</b> 1. During ground-disturbing activities, a qualified archaeologist and representative from a culturally affiliated tribe shall be present to monitor ground-disturbing activities.	Include measure in project contract specifications  Provide work schedule to PM  Arrange for archaeologist and tribal monitor	Technical Writing  Construction Inspection  ER	Contractor agreement  Prior to construction and maintenance  Prior to construction and maintenance	Technical Writing  Construction Inspection  PM	