

Exhibit B

Feather River Salmonid Habitat
Improvement Project

Mitigation, Monitoring, and Reporting Program
under the California Environmental Quality Act

State Clearinghouse #2022100104

November 2022



1.0 Introduction

The California Environmental Quality Act (CEQA) requires the adoption of feasible mitigation measures to reduce the severity and magnitude of potentially significant environmental impacts associated with the project. As set forth in the 2022 initial study and mitigated negative declaration (IS/MND), implementation of the Feather River Salmonid Habitat Improvement Project (project) could result in potentially significant adverse environmental impacts to the physical environment, and feasible mitigation measures within the jurisdiction of the California Department of Water Resources (DWR) are included that avoid or substantially lessen the significant impacts.

CEQA Guidelines Sections 15091(d) and 15097(a), as well as Public Resources Code Section 21081.6 (a), require the public agency to adopt a reporting or monitoring program to ensure that measures to mitigate or avoid significant effects on the environment are implemented. This Mitigation, Monitoring, and Reporting Program (MMRP) has been prepared to ensure that all required CEQA mitigation measures are implemented and completed according to schedule during project construction and implementation.

The lead agency has the primary responsibility for monitoring the implementation of the MMRP. Unless otherwise specified, DWR is responsible for taking all actions necessary to implement the mitigation measures according to the specifications provided for each measure and for demonstrating that the action has been successfully completed. DWR, at its discretion, may delegate implementation of its responsibility or portions thereof, as it deems appropriate to other agencies or consultants and shall enter into any necessary agreements or carry out other measures to ensure all actions are fully enforceable per Public Resources Code Section 21081.6.

DWR has separately prepared an approval memorandum regarding the project that includes a Decision Document (dated November 15, 2022). The Decision Document makes the decisions required by CEQA including:

- Adoption of the final MND (Exhibit A to the memorandum) as adequate.

Mitigation, Monitoring, and Reporting Program under CEQA

- Adoption of an MMRP (Exhibit B to the memorandum).
- Submission of the Notice of Determination (Exhibit C to the memorandum).

2.0 Summary of Findings

Based on the findings in the 2022 IS/MND, implementation of the proposed project would have no impact on the following resources:

- Agriculture and Forestry Resources
- Energy
- Land Use and Planning
- Mineral Resources
- Population and Housing
- Public Services
- Transportation
- Utilities and Service Systems
- Wildfire

Implementation of the proposed project would result in a less-than-significant impact on the following resources:

- Aesthetics
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Noise
- Recreation

Implementation of the proposed project would result in a less-than-significant impact, or less-than-significant impact with mitigation incorporated, on the following resources:

- Air Quality
- Biological Resources
- Cultural and Tribal Cultural Resources

Mitigation, Monitoring, and Reporting Program under CEQA

In the long-term, the proposed project would have beneficial effects on biological resources by improving spawning habitat and potential habitat accessibility for protected salmonid species in the Feather River.

3.0 MMRP Summary Table

The MMRP Summary Table (see below) identifies environmental commitments, individual mitigation measures, implementation and monitoring responsibility, and mitigation timing. Mitigation measures are organized by resource category and associated impact statement. Although some mitigation measures were incorporated to minimize or avoid more than one impact, each mitigation measure is only listed once. Numbering of mitigation measures follows the numbering sequence used in the IS/MND.

Mitigation Monitoring and Reporting Program Summary Table

Environmental Commitments

Commitment	Details	Responsible Party	Timing
<p>Prepare a Construction Management Plan</p>	<p>The contractor shall prepare a construction management plan to avoid or minimize potentially adverse environmental impacts and impacts to public health and safety during proposed project construction. The management plan shall include construction information, such as work hours and schedule, phasing of construction, locations of transportation and parking for construction workers, location of potential hazards within the construction area, haul routes, stockpiling and staging procedures, waste management procedures, the terms and conditions of all project permits and approvals, employee health and safety procedures, and emergency response contact information.</p> <p>The construction management plan shall also include the implementation of public safety for river and park recreationists during in-river construction activities, such as posting signage provided by California Department of Water Resources (DWR) at nearby boat ramps and swimming holes to alert water recreationists of construction activities and restricting public access within the in-river project area and Bedrock Park.</p> <p>In addition, the management plan shall include best management practices (BMPs) for pedestrian and vehicle construction traffic safety, including the use of signs and flaggers, when necessary, to inform residents of large trucks and equipment in the area and to inform equipment operators of recreationists in the vicinity.</p>	<p>Construction contractor</p>	<p>Before and during construction</p>

Commitment	Details	Responsible Party	Timing
<p>Conduct Worker Environmental Awareness Training</p>	<p>Before any construction begins, all construction personnel shall participate in a mandatory worker environmental awareness training provided by a qualified DWR biologist or designated consultant. The training shall include a discussion of sensitive biological resources within the project area, including special-status species and their associated habitat and the protection measures required during project implementation. In addition, a qualified archaeologist provided by DWR or a designated consultant will conduct mandatory cultural and tribal cultural resources awareness training and ensure that the contractor and DWR inspectors are aware of the boundaries of environmentally sensitive areas and the associated avoidance requirements.</p>	<p>DWR or consultant biologist and archaeologist</p>	<p>Before construction</p>
<p>Implement DWR's Greenhouse Gas Emission Reduction Plan</p>	<p>The proposed project will incorporate applicable BMPs from DWR's <i>Climate Action Plan-Phase I: Greenhouse Gas Emissions Reduction Plan</i> to avoid and minimize impacts related to greenhouse gas emissions.</p> <ul style="list-style-type: none"> • Evaluate project characteristics, including location, project workflow, site conditions, and equipment performance requirements, to determine whether specifications of the use of equipment with repowered engines, electric drivetrains, or other high-efficiency technologies are appropriate and feasible for the project or specific elements of the project. • Evaluate the feasibility and efficacy of performing on-site material hauling with trucks equipped with on-road engines. • When generators must be used, use alternative fuels, such as propane or solar, to power generators to the maximum extent feasible. • Limit deliveries of materials and equipment to the site to off-peak traffic congestion hours. 	<p>Construction contractor</p>	<p>Before and during construction</p>

Mitigation, Monitoring, and Reporting Program under CEQA

Commitment	Details	Responsible Party	Timing
	<ul style="list-style-type: none"> • Minimize idling time by requiring that equipment be shut down after five minutes when not in use (as required by the State airborne toxics control measure California Code of Regulations, Title 13, Section 2485). Provide clear signage that posts this requirement for workers at the entrances to the site and provide a plan for the enforcement of this requirement. • Maintain all construction equipment in proper working condition and perform all preventative maintenance. Required maintenance includes compliance with all manufacturer’s recommendations, proper upkeep and replacement of filters and mufflers, and maintenance of all engine and emissions systems in proper operating condition. Maintenance schedules shall be detailed in an air quality control plan prior to commencement of construction. • Implement a tire inflation program on the jobsite to ensure that equipment tires are correctly inflated. Check tire inflation when equipment arrives on site and every two weeks for equipment that remains on site. Check vehicles used for hauling materials off site weekly for correct tire inflation. Procedures for the tire inflation program shall be documented in an air quality management plan prior to commencement of construction. • Develop a project-specific rideshare program to encourage carpools, shuttle vans, transit passes, and secure bicycle parking for construction worker commutes. • Reduce electricity use in temporary construction offices by using high-efficiency lighting and requiring that heating and cooling units be Energy Star compliant. Require that all contractors develop and implement procedures for turning off computers, lights, air conditioners, heaters, and other 		

Commitment	Details	Responsible Party	Timing
	<p>equipment each day at close of business.</p> <ul style="list-style-type: none"> • For deliveries to project sites where the haul distance exceeds 100 miles and a heavy-duty class 7 or class 8 semi-truck or 53-foot or longer box-type trailer is used for hauling, a SmartWay2-certified truck will be used to the maximum extent feasible. • Develop a project-specific construction debris recycling and diversion program to achieve a documented 50-percent diversion of construction waste. • Evaluate the feasibility of restricting all material hauling on public roadways to off-peak traffic congestion hours. During construction scheduling and execution, minimize, to the extent possible, uses of public roadways that would increase traffic congestion. 		
<p>Prepare a Stormwater Pollution Prevention Plan</p>	<p>The contractor shall be required to prepare a stormwater pollution prevention plan (SWPPP) and receive approval from the Central Valley Regional Water Quality Control Board prior to the start of construction. The BMPs specified by the SWPPP shall be implemented to monitor, minimize, and prevent construction dirt, debris, stormwater runoff, and miscellaneous by-products from entering the Feather River. BMPs may include the following:</p> <ul style="list-style-type: none"> • Disturbed areas shall be minimized to the extent practicable, and sensitive areas (e.g., steep slopes and natural watercourses) shall be avoided where construction activities are not required or could be avoided. • Temporary stabilization of disturbed soils shall be provided whenever active construction is not occurring on a portion of the site. 	<p>Construction contractor</p>	<p>Before and during construction</p>

Mitigation, Monitoring, and Reporting Program under CEQA

Commitment	Details	Responsible Party	Timing
	<ul style="list-style-type: none"> • Temporary water pollution control measures, such as sandbags, silt fences, application of straw and seed, or other erosion control devices, shall be placed along the disturbed riverbank to minimize sediment from entering the river, as appropriate. Erosion control materials, such as coir rolls or erosion control blankets, will not contain plastic netting that could entrain wildlife. Sediment shall be removed from sediment control materials once it has reached one-third of the exposed height of the control and placed in an upland location where it cannot be washed into the river. Spoils shall be hauled away from river as soon as possible to minimize sediment delivery to the river. Temporary stockpiles shall be in areas a sufficient distance from watercourses, where it cannot enter the river or watercourse. • Spoil areas containing erodible material shall be stabilized at the end of the construction season or when rain is possible. • Silt curtains or other methods may be utilized to minimize turbidity within the Feather River when performing any in-water work or work immediately adjacent to the river. • Water quality monitoring, which shall be conducted during all periods of in-water work, may include observations of visible sediment plumes in surface waters, turbidity measurement, settleable solids measurement, and visual observations for construction-related pollutants, both upstream from construction activities and downstream of the active work area pursuant to permit requirements. Water quality monitoring shall inform construction activities, and temporary cessation of in-water work shall be implemented if permit thresholds are exceeded. In-water work may resume when water quality parameters decrease to levels below permit requirements. 		

Commitment	Details	Responsible Party	Timing
<p>Prepare a Spill Prevention and Control Plan</p>	<ul style="list-style-type: none"> • The contractor shall be required to prepare and implement a spill prevention and control plan prior to construction, which will contain measures to avoid or minimize potential chemical contamination within the Feather River and its floodplain. The plan may include the following construction BMPs: • All personnel involved in use of hazardous materials shall be trained in emergency response, spill control, and notification. • Contractors shall have oil-absorbent and spill-containment materials on site when mechanical equipment is in operation within 100 feet of the river and shall adhere to all required State and federal standards. If a spill occurs, no additional work shall commence in-channel until (1) the mechanical equipment is inspected by the contractor and the leak has been repaired, (2) the spill has been contained, and (3) the appropriate agencies have been contacted and have evaluated the impacts of the spill. • Staging, storage, servicing, and refueling of vehicles and equipment shall take place outside the river channel. Any leaking equipment shall be removed from in-water work and repaired or replaced. All equipment shall be stored over impermeable surfaces, if available, and drip pans (or any other type of impermeable containment measure) will be placed under parked machinery and checked and replaced, when necessary, to prevent drips and leaks from entering the environment. • Machinery that enters the river during work shall be cleaned, inspected daily, and properly maintained to avoid water quality contamination from the release of grease, oil, petroleum products, or other hazardous materials. 	<p>Construction contractor</p>	<p>Before and during construction</p>

Mitigation, Monitoring, and Reporting Program under CEQA

Commitment	Details	Responsible Party	Timing
	<ul style="list-style-type: none"> • Every reasonable precaution will be exercised to protect the river and other waters from pollution with fuels, oils, and other harmful materials. Safer alternative products (such as biodegradable hydraulic fluids) will be used where feasible. • The use or storage of petroleum-powered equipment shall be accomplished in a manner to prevent the potential release of petroleum materials into the river. • Any fuel stored within the project area shall be stored outside the channel in a double-walled contained vessel surrounded by a secondary containment appropriately sized for the volume. • Spill containment kits shall be on site at all times and made readily available. 		
<p>Develop a Fire Protection and Prevention Plan</p>	<p>The project contractor shall be required to develop a fire protection and prevention plan. The plan shall include the following requirements:</p> <ul style="list-style-type: none"> • Fire safety training for all construction employees. • Proper maintenance (e.g., working spark arresters) and operation (e.g., restrictions on the use of gasoline-powered tools around flammable vegetation) of construction equipment. • Mowing of the parking areas, where necessary, to keep vegetation from coming in contact with the hot undercarriage of employee and construction vehicles. • On-site fire suppression tools (e.g., shovels, fire extinguishers) for each construction vehicle, and proper disposal of flammable vegetative waste material during dry weather periods. 	<p>Construction contractor</p>	<p>Before and during construction</p>

Air Quality

Impact	Mitigation Measure	Responsible Party	Timing
<p>Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?</p>	<p>AQ-1: Implement BCAQMD Best Practices to Minimize Air Quality Impacts</p> <p>Tier 4 equipment, including off-highway haul trucks and other equipment entering the river, will be used to the extent feasible. In addition, the following is a list of measures that may be required by Butte County Air Quality Management District throughout the duration of the construction activities:</p> <ul style="list-style-type: none"> • All on- and off-road diesel equipment shall not idle for more than five minutes. • Signs shall be posted in the designated queuing areas or job sites to remind drivers and operators of the five-minute idling limit. • Idling, staging, and queuing of diesel equipment within 1,000 feet of sensitive receptors is prohibited. • All construction equipment shall be maintained in proper tune according to the manufacturer’s specifications. Equipment must be checked by a certified mechanic and determined to be running in proper condition before the start of work. • Diesel particulate filters must be installed or other California Air Resources Board (CARB)-verified diesel emission control strategies must be implemented. • To the extent feasible, truck trips shall be scheduled during non-peak hours to reduce peak hour emissions. • Where possible, reduce the amount of the disturbed area. • Use of water trucks or sprinkler systems in sufficient quantities to prevent airborne dust from leaving the site. 	<p>Construction contractor</p>	<p>Before and during construction</p>

Mitigation, Monitoring, and Reporting Program under CEQA

Impact	Mitigation Measure	Responsible Party	Timing
	<p>An adequate water supply source must be identified. Increased watering frequency would be required when wind speeds exceed 15 mph. Reclaimed (non-potable) water should be used whenever possible.</p> <ul style="list-style-type: none"> • All dirt stockpile areas should be sprayed with water daily as needed, covered, or a DWR-approved alternative method will be used. • Permanent dust control measures identified in the approved project revegetation and landscape plans should be implemented as soon as possible following completion of any soil disturbing activities. • Exposed ground areas that will be reworked at dates greater than one month after initial grading should be sown with a fast-germinating, non-invasive grass seed and watered until vegetation is established. • All disturbed soil areas not subject to revegetation should be stabilized using approved chemical soil binders, jute netting, or other methods approved in advance by DWR. • All roadways, driveways, sidewalks, and the like, to be paved should be completed as soon as possible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used. • Vehicle speed for all construction vehicles shall not exceed 15 mph on any unpaved surface at the construction site. • All trucks hauling dirt, sand, soil, or other loose materials are to be covered or should maintain at least 2 feet of freeboard (minimum vertical distance between top of load and top of trailer) in accordance with local regulations. 		

Impact	Mitigation Measure	Responsible Party	Timing
	<ul style="list-style-type: none"> • Where vehicles enter and exit unpaved roads onto streets wheel washers will be installed or trucks and equipment will be washed off before leaving the site. Streets will be swept at the end of each day if visible soil material is carried onto adjacent paved roads. Water sweepers with reclaimed water should be used where feasible. • Appropriate signage will be posted in prominent locations that are visible to the public. Signage will include the telephone numbers of the contractor and a DWR point-of-contact to direct any questions or concerns about dust generated from the project. 		

Biological Resources

Impact	Mitigation Measure	Responsible Party	Timing
<p>Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?</p>	<p>BIO-1: Implement Measures to Minimize Injury, Mortality, or Disruption to Fish Species</p> <p>To minimize injury or mortality to adult or juvenile fish species, the contractor shall implement the following measures:</p> <ul style="list-style-type: none"> • In-water construction activities will be restricted to occur between July 1 and August 31. • Before gravel is placed in a stream margin for the first time, DWR staff will beach seine the margins and relocate any juveniles downstream of the project boundary. • Operation of equipment and placement of materials within the channel shall be conducted slowly and deliberately to alert and allow adult and juvenile fish to move away from the work area. When first entering or crossing the channel each day, a construction monitor shall walk ahead of the 	<p>Construction contractor; DWR or consultant biologist</p>	<p>During construction</p>

Mitigation, Monitoring, and Reporting Program under CEQA

Impact	Mitigation Measure	Responsible Party	Timing
	<p>equipment working to alert any fish and allow them to move from the work area.</p> <ul style="list-style-type: none"> If water is drafted from the Feather River for construction purposes, water pump intakes shall be screened in compliance with California Department of Fish and Wildlife (CDFW) and National Marine Fisheries Service salmonid-screening specifications. 		
(continued)	<p>BIO-2: Implement an Avoidance Work Window and Conduct Preconstruction Nesting Bird Surveys</p> <ul style="list-style-type: none"> Native vegetation disturbance and removal will be minimized to the greatest extent feasible. The nesting season for most bird species is typically from February 1 through August 31. If vegetation removal is scheduled during the nesting season, a qualified biologist shall survey the vegetation proposed for removal to confirm no active nests are present within the vegetation proposed for removal. Within seven days prior to construction activities scheduled between February 1 and August 31, a survey for active bird nests shall be conducted. The survey shall include an appropriate buffer around proposed project activities that accounts for visual and auditory disturbance of the project activities and monitoring during project activities. If an active nest is not identified, no further action is needed. 	DWR or consultant biologist; Construction contractor	Before and during construction
(continued)	<p>BIO-3: Establish Nest Protection Buffers for Active Bird Nests</p> <ul style="list-style-type: none"> If an active nest is found, disturbance and destruction of the nest shall be avoided by implementing avoidance measures, such as delaying work until nesting is complete, establishing species appropriate buffers (minimum starting 	Construction contractor; DWR or consultant biologist	Before and during construction

Impact	Mitigation Measure	Responsible Party	Timing
	<p>setback of 100 feet for passerines, 500 feet for raptors, and 450 feet for federal Endangered Species Act-listed species), and providing a designated biologist access to nest monitoring during project activities. If an active nest of a California Endangered Species Act-listed species is observed, all work within 500 feet of the nest shall be suspended and CDFW consulted. If the nest cannot be avoided, consultation with CDFW regarding appropriate action would occur. If a lapse in project-related work of seven days or longer occurs, another focused survey and further regulatory consultation may be required before project work can be reinitiated.</p> <ul style="list-style-type: none"> To prevent encroachment, the established buffer(s) shall be clearly marked by high-visibility material if it has been determined by the qualified biologist that high-visibility material would not attract predators to the nest site. No construction activities, including tree removal, shall occur within the buffer zone until the young have fledged or the nest is no longer active, as confirmed by the qualified biologist. 		
(continued)	<p>BIO-4: Monitor Active Nests within Nest Protection Buffer</p> <ul style="list-style-type: none"> If project activities must occur within established buffer zones, a qualified biologist shall establish monitoring measures, including frequency and duration, based on species, individual behavior, and type of construction activities. If birds are showing signs of distress within the established buffer(s) during work activities, work activities shall be modified, or the buffer(s) shall be expanded, to prevent birds from abandoning their nest. 	DWR or consultant biologist	Before and during construction

Mitigation, Monitoring, and Reporting Program under CEQA

Impact	Mitigation Measure	Responsible Party	Timing
	<ul style="list-style-type: none"> At any time, the biologist shall have the authority to halt work if there are any signs of distress or disturbance that may lead to nest abandonment. Work shall not resume until corrective measures have been taken, or it is determined that continued activity would not adversely affect nest success. 		
(continued)	<p><i>BIO-5: Implement Protection Measures for the Valley Elderberry Longhorn Beetle</i></p> <ul style="list-style-type: none"> As much as feasible, all activities adjacent to elderberry shrubs will be conducted outside the flight season of the valley elderberry longhorn beetle (March through July). All suitable elderberry shrubs (shrubs with stem 1 inch or greater in diameter at ground level) will be avoided. Elderberry shrubs within and immediately adjacent to the project area will be temporarily fenced, as needed, with guidance from the designated biologist and designated as biologically sensitive areas. A qualified biologist will monitor the work area to assure that all avoidance and minimization measures are implemented. Herbicides will not be used within the dripline of the elderberry shrub. Insecticides will not be used within 98 feet of an elderberry shrub. All chemicals will be applied using a backpack sprayer or similar direct application method. Mechanical weed removal within the dripline of the elderberry shrub will be limited to the season when adults are not active (August through February) and will avoid damaging the elderberry. 	DWR or consultant biologist; Construction contractor	Before and during construction

Impact	Mitigation Measure	Responsible Party	Timing
(continued)	<p><i>BIO-6: If Removal of Trees that provide Suitable Roosting Habitat for Bats is Necessary, Conduct Preconstruction Surveys for Roosting Bats</i></p> <ul style="list-style-type: none"> • A qualified biologist shall conduct preconstruction surveys of all trees proposed for removal if they provide suitable roosting habitat for the roosting bats. Surveys shall be conducted for the presence of individuals and maternity roosts within 24 hours prior to the start of construction activities. • If the tree removal lapses for more than 24 hours after the survey, an additional survey will be required. • If a tree is identified as providing potential day roosting habitat for bats, either the tree shall be avoided or CDFW shall be consulted to determine effective exclusion or protection measures to be implemented prior to tree removal. 	DWR or consultant biologist	Before and during construction
(continued)	<p><i>BIO-7: Conduct pre-construction surveys for western pond turtle in upland habitat</i></p> <p>A qualified biologist shall conduct pre-construction visual surveys for western pond turtle in suitable upland and aquatic habitat within 48 hours prior to the start of construction activities. If there is a lapse in construction activities of two weeks or greater, the area shall be resurveyed within 24 hours prior to recommencement of work. If western pond turtles or evidence of western pond turtle nesting activity are observed within the project area during project construction, CDFW shall be notified and construction activities in the vicinity shall cease until it is determined that the western pond turtle or active nest will not be harmed or protective measures are implemented. Protective measures may include moving the western pond turtle to a suitable location outside of the</p>	DWR or consultant biologist	Before and during construction

Mitigation, Monitoring, and Reporting Program under CEQA

Impact	Mitigation Measure	Responsible Party	Timing
	project area or establishing a nest buffer, respectively, in consultation with CDFW.		
(continued)	<p><i>BIO-8: Conduct Focused Surveys for Special-status Plants and Avoid Impacts, where Feasible</i></p> <p>To avoid adverse effects from construction activities on special-status plants, the following measures shall be implemented before the start of ground-disturbing activities:</p> <ul style="list-style-type: none"> • Conduct preconstruction special-status plant surveys during the blooming periods. A qualified botanist will conduct surveys for special-status plant species with potential to occur in appropriate habitat within the construction footprint. Surveys will follow the most current applicable guidelines established by CDFW and will be conducted at the appropriate time of year when the target species is clearly identifiable. If no special-status plants are found during focused surveys, no further action would be required. • If special-status plants are found, the special-status plant and occupied habitat in the project area will be marked for avoidance during construction activities. Marking will include a minimum habitat buffer for each occurrence of 25 feet. The construction contractor will avoid these areas where feasible. 	DWR or consultant botanist	Before construction
(continued)	<p><i>Mitigation Measure BIO-9: If Avoidance of Special-Status Plant Species is Infeasible, Develop and Implement a Compensatory Mitigation Plan</i></p> <p>If habitat occupied by special-status plants cannot be avoided during construction, an appropriate and feasible mitigation plan to compensate for direct loss of special-status plants will be developed and provided to CDFW for approval. The plan will detail</p>	DWR or consultant botanist	Before construction

Impact	Mitigation Measure	Responsible Party	Timing
	<p>appropriate compensatory measures determined through consultation with CDFW. Methods may include salvaging and transplanting individual plants, collecting the seeds of affected plants, or collecting and translocating seed- and rhizome-containing mud. Compensation also may include preserving in perpetuity other known populations of this species in the project vicinity at ratios determined in consultation with CDFW. The mitigation plan will be developed in consultation with and approved by CDFW before construction activities begin in areas containing special-status plant species.</p>		
(continued)	<p>BIO-10: Prevent the Introduction of Plant Pathogens and Invasive Plant Species</p> <p>The contractor shall implement the following BMPs, to the extent feasible, to prevent the introduction of invasive plant species:</p> <ul style="list-style-type: none"> • All heavy equipment shall be thoroughly cleaned prior to mobilization on site to remove any soil, weed seeds, and plant parts to reduce the importation and spread of plant pathogens or invasive exotic plant species. Only certified weed-free straw shall be used for erosion control or other purposes to reduce the importation and spread of invasive exotic plant species. • All revegetation materials (e.g., mulches, seed mixtures) shall be certified weed-free and come from locally adapted native plant materials to the extent practicable. 	Construction contractor	Before and during construction
Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native	<p>BIO-11: Implement Measures to Minimize Potential to Interfere with Movement of Migratory Fish and Wildlife Species</p> <ul style="list-style-type: none"> • All vehicle stream crossings constructed in the Feather River will be wet or under water and will be constructed in a way to avoid being a barrier to upstream or downstream 	Construction contractor	During construction

Mitigation, Monitoring, and Reporting Program under CEQA

Impact	Mitigation Measure	Responsible Party	Timing
resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	movement of aquatic life. <ul style="list-style-type: none"> If turbidity curtains are used, they will be installed in a way to not inhibit fish migration within or through the project area and may not extend across more than 75 percent of the channel width at any location. 		

Cultural and Tribal Cultural Resources

Impact	Mitigation Measure	Responsible Party	Timing
Cause a substantial adverse change in the significance of a historical resource or archaeological resource as defined in Section 15064.5?	<p><i>CUL-1: Designate Environmentally Sensitive Areas for Avoidance</i></p> <ul style="list-style-type: none"> To protect the confidentiality of resource locations and ensure avoidance during project implementation, a qualified archaeologist will designate environmentally sensitive areas (ESAs) that appropriately encompass each known resource boundary. Each ESA will be delineated on project plans for avoidance. As appropriate, a qualified archaeologist will physically demarcate ESAs within the project area to ensure equipment operators, construction personnel, and DWR inspectors can visually identify them for avoidance. This boundary marking may include placing flagging, cones, fencing, or other physical barriers around ESA boundaries. During the worker environmental awareness training, a qualified archaeologist will ensure that the contractor and DWR inspectors are aware of ESA boundaries and avoidance requirements. 	DWR or consultant archaeologist	Before construction

Impact	Mitigation Measure	Responsible Party	Timing
(continued)	<p><i>CUL-2: Provide Worker Awareness and Response Training for Undiscovered Historical, Archaeological, and Tribal Cultural Resources</i></p> <ul style="list-style-type: none"> • During the worker environmental awareness training, a qualified archaeologist shall provide training to the construction contractor and DWR inspector regarding the potential for cultural and tribal cultural resources that could be encountered during construction and ground disturbing activities, the regulatory protections afforded to such finds, and the procedures to follow in the event of discovery of a previously unknown resource. • If any evidence of prehistoric, historic, or tribal cultural resources (e.g., freshwater shells, beads, bone tool remnants, bones, stone tools, grinding rocks, foundations or walls, structures, refuse deposits, etc.) is observed, all work within 100 feet of the find shall cease immediately. An archaeologist meeting the Secretary of the Interior’s Professional Standards for Archaeology shall be consulted to assess the significance of the cultural find and recommend appropriate measures for the treatment of the resource. Potential treatment may include no action (i.e., the resource is not significant), avoidance of the resource, or data recovery. • If a previously undiscovered resource may be of Native American origin, DWR shall consult with the culturally affiliated tribes to whom the resource could have importance. For tribal cultural resources, the identification and implementation of avoidance or minimization measures would be conducted in consultation with the culturally affiliated tribes. 	DWR or consultant archaeologist	Before and during construction

Mitigation, Monitoring, and Reporting Program under CEQA

Impact	Mitigation Measure	Responsible Party	Timing
Disturb any human remains, including those interred outside of dedicated cemeteries?	<p><i>CUL-3: Avoidance of Potential Impacts to Undiscovered Burials</i></p> <p>If human remains are discovered during any project activities, all ground disturbing activities within 100 feet of the remains shall be halted immediately and a qualified archaeologist shall inspect the location. DWR shall notify the Butte County coroner immediately, who will contact the Native American Heritage Commission, in accordance with Health and Safety Code, Section 7050.5(b). Protocols and requirements outlined in Health and Safety Code, Sections 7050.5(b) and 7050.5(c), as well as Public Resources Code, Section 5097.98, will be followed.</p>	DWR or consultant archaeologist	During construction

Tribal Cultural Resources

Impact	Mitigation Measure	Responsible Party	Timing
Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a	<p><i>TRI-1: Restrictions on Construction during Tribal Salmon Spearing Permit Period and Associated Ceremonies</i></p> <p>Unless otherwise agreed to by the Maidu tribes, DWR shall halt all construction activities during the period that Maidu tribes have been permitted by CDFW to conduct traditional salmon spearing, which occurs during the last two weeks of September and overlaps with the Oroville Salmon Festival.</p>	Construction contractor	During construction

Impact	Mitigation Measure	Responsible Party	Timing
<p>California Native American tribe, and that is:</p> <ul style="list-style-type: none"> - listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)? –and– A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resource Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe? 			

