

# APPENDIX A: MITIGATION MONITORING AND REPORTING PROGRAM

---

**Adams Pond Restoration Project  
CEQA Initial Study / Mitigated Negative Declaration**

# Appendix A: Mitigation Monitoring and Reporting Plan (MMRP) for the Adams Pond Restoration Project

Initial Study/Mitigated Negative Declaration

Tehama County, California

In accordance with CEQA Guidelines Section 15074(d), when adopting a mitigated negative declaration, the lead agency will adopt a Mitigation Monitoring and Reporting Plan (MMRP) that ensures compliance with Mitigation Measures required for project approval. The Resource Conservation District of Tehama County (RCDTC) is the lead agency for the Adams Pond Restoration Project and has approved this MMRP as a part of the final Initial Study/Mitigated Negative Declaration (IS/MND) supporting the project. Monitoring activities will be completed by the Project Manager listed in this IS/MND. The MMRP lists the Mitigation Measures developed in the IS/MND which were designed to reduce environmental impacts to a less-than-significant level. This MMRP also identifies the party responsible for implementing the measure, defines when the Mitigation Measure must be implemented, and which party or public agency is responsible for ensuring compliance with the measure.

## Potentially Significant Effects and Mitigation Measures

The following is a list of the resources that will be potentially affected by the project and the Mitigation Measures made part of the Initial Study/Mitigated Negative Declaration. Included are Biological Resources, Geology and Soils, Hazards and Hazardous Materials, and Hydrology and Water Quality.

## Biological Resources

**Mitigation Measure BIO-MM-GEN 1:** Prior to ground-disturbing activities, all construction personnel shall attend a Worker Environmental Awareness Training conducted by the biologist. The training will include identification of species likely or known to occur within the Project Area including Northwestern pond turtle, Foothill yellow legged frog, Western spadefoot toad, Grasshopper sparrow, Golden eagle, Bald eagle, Yellow-breasted chat, Yellow warbler, Pallid bat, Western red bat, Ringtail, Mountain lion, and American badger, their habitat requirements, regulatory protections, and required impact avoidance measures. Handouts with photos of the special status species with Biologist and RCDTC contact information will be distributed to workers. Handouts must remain with the workers at all times.

**Schedule:** **PRE-CONSTRUCTION**

**Responsible Party:** RCDTC, EVERYONE

### Verification of Compliance

**Monitoring Party:** RCDTC

**Initials:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Mitigation Measure BIO-MM-GEN-2** – The contractor shall stop work immediately and notify the on-site biologist and RCDTC if a live or dead Northwestern pond turtle, Foothill yellow legged frog, Western spadefoot toad, Grasshopper sparrow, Golden eagle, Bald eagle, Yellow-breasted chat, Yellow warbler, Pallid bat, Western red bat, Ringtail, Mountain lion, and American badger are found within the work limits. The contractor can resume work upon the direction of RCDTC. Only a permitted biologist may handle wildlife.

**Schedule:** DURING CONSTRUCTION

**Responsible Party:** CONTRACTOR

**Verification of Compliance**

**Monitoring Party:** RCDTC

**Initials:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Mitigation Measure BIO-MM-GEN-3:** The biologist shall document all pre-construction surveys and monitoring observations and shall prepare and submit a summary report to the RCDTC and CDFW upon completion of the project.

**Schedule:** PRE-CONSTRUCTION, PRIOR TO VEGETATION REMOVAL, DURING CONSTRUCTION, POST CONSTRUCTION

**Responsible Party:** RCDTC

**Verification of Compliance**

**Monitoring Party:** RCDTC

**Initials:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Mitigation Measure BIO-MM-HERP-1:** The biologist shall survey the Project Limits for Northwestern pond turtle, Western spadefoot toad, and Foothill yellow-legged frog no more than 72 hours prior to the installation of Erosion Controls / Turtle Exclusion Fence.

**Schedule:** PRE-CONSTRUCTION

**Responsible Party:** RCDTC / BIOLOGIST

**Verification of Compliance**

**Monitoring Party:** RCDTC

**Initials:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Mitigation Measure BIO-MM-HERP-2:** Per the Erosion Control / Turtle Exclusion Fence Plan (Figure 5), temporary exclusion fencing consisting of staked, buried silt fencing shall be installed by hand at Staging Areas 1 & 2; and, between aquatic habitats and the haul roads to prevent turtles from entering the work areas and to prevent the discharge of sediment to wetlands and waters. Stakes shall be no more than 10 feet apart and fencing shall be buried 6 inches. The silt fencing shall not be buried when it crosses the flow lines of drainages, streams, or channels. Staging Area 2 shall be totally enclosed with a silt fence gate at the entrance and exit. The Staging Area 2 entrance and exit shall be closed at the end of each workday.

**Schedule:** PRE-CONSTRUCTION, DURING CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-HERP-3:** Worker and visitor vehicles shall be parked at the northern Staging Area (Staging Area 1). Works and visitors are not allowed to drive their vehicles onto the site, past the driveway to Staging Area 1. Safety fencing shall be installed across the site access and between the southern isolated pond and the excavation limits (Figure 5) and signs shall be posted at the safety fence that read “*Sensitive Habitat – Pedestrian Access Only -Vehicles not Allowed Past this Point without a Biologist Present*”.

**Schedule:** PRE-CONSTRUCTION, DURING CONSTRUCTION, POST CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-HERP-4:** A biologist shall be present to monitor: 1.) the initial mobilization of equipment and demobilization of equipment into Staging Area 2; 2.) during the installation of turtle exclusion fencing; 3.) during water drawdown activities, 4.) during the removal and installation of large wood; and 5.) during the removal of sediment within 100 feet from the water’s edge.

**Schedule:** PRE-CONSTRUCTION, DURING CONSTRUCTION

**Responsible Party:** RCDTC

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-HERP-5:** Construction vehicles such as excavators, tractors, bulldozers, water trucks, generators etc. shall be brought into Staging Area 2 at the start of construction and remain onsite, southeast of the pond overflow during construction. The construction vehicles shall be removed from Staging Area 2 at the end of the construction. The biologist shall be on site during mobilization and demobilization of vehicles to and from Staging Area 2.

**Schedule:** PRE-CONSTRUCTION, DURING CONSTRUCTION, POST CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-HERP-6:** Any other large equipment such as delivery trucks or fuel trucks must be accompanied to Staging Area 2 by the biologist or designee. The RCDTC shall be notified 2 days in advance of deliveries or fuel trucks that need to travel past the Sensitive Habitat Safety fencing to arrange for a biologist escort.

**Schedule:** PRE-CONSTRUCTION, DURING CONSTRUCTION, POST CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-HERP-7:** The Porto-potty shall be stationed at Staging Area 1.

**Schedule:** PRE-CONSTRUCTION, DURING CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-HERP-8:** Equipment, vehicles and materials are to be stored in designated Staging Areas at the end of each workday.

**Schedule:** PRE-CONSTRUCTION, DURING CONSTRUCTION, POST CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-HERP-9:** Work is restricted to daylight hours. No work may be allowed to occur on site prior to sunrise or after sundown.

**Schedule:** PRE-CONSTRUCTION, DURING CONSTRUCTION, POST CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-HERP-10:** Turtle Exclusion Fencing (TEF) shall be inspected each day and maintained in good working order. The contractor shall reinstall and/or repair downed or disturbed TEF or erosion controls immediately upon discovery. All erosion controls and TEF shall be removed completely from the project area upon completion of work.

**Schedule:** DURING CONSTRUCTION, POST CONSTRUCTION

**Responsible Party:** CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-HERP-11:** Each day, prior to the start of construction, the biologist or designee shall conduct daily clearance sweeps of work areas, silt fencing, safety fencing, and Staging Areas. A biologist shall remain on-call during all ground-disturbing activities in the event sensitive species are found within the work limits.

**Schedule:** DURING CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-NWPT-1:** Ground-disturbing activities within 300 feet of suitable aquatic habitat shall be scheduled outside the Northwestern pond turtle nesting period of May 1 through July 31.

**Schedule:** DURING CONSTRUCTION

**Responsible Party:** CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-NWPT-2:** If turtles are found within active work zones, work shall be halted, and the contractor shall notify RCDTC and the biologist. The RCDTC will notify CDFW. Turtles and any other animal may only be captured, handled, or relocated by an authorized biologist with a CDFW Scientific Collecting Permit. Otherwise, turtles shall be allowed to move out of the work area on their own.

**Schedule:** PRE-CONSTRUCTION, DURING CONSTRUCTION, POST CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-NWPT-3:** The draw down of the pond and excavation of sediment adjacent to and within the draw down area shall occur as late in the project schedule as possible. The removal of sediment shall not result in the dewatering of the pond. Prior to the start of the pond draw down, a measuring gage shall be installed in the deepest part of the pond. The pond shall be drawn down to a depth no shallower than 3 feet at its deepest point, maintaining a wet area large enough to avoid impacting NWPT.

**Schedule:** DURING CONSTRUCTION

**Responsible Party:** CONTRATOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-NWPT-4:** The drawdown of Adams Pond shall be completed in accordance with an approved Water Management Plan reviewed by the RCDTC and the CDFW. Gasoline- or diesel-powered pumps shall not be allowed within the limits of the pond or adjacent wetlands. Pumping rates shall be managed to maintain adequate water depth (no less than 3 feet at the pond's deepest point) and to prevent stranding of aquatic species. Discharge locations shall include sediment and turbidity controls (e.g., sediment bags, vegetated buffers).

**Schedule:** DURING CONSTRUCTION

**Responsible Party:** CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-NWPT-5:** Existing large wood found within the existing wetted portion of the pond that is currently used by basking turtles shall be photographed. If any of the existing large wood used for basking must be removed, that large wood shall be removed only after the pond level has dropped and the wood has been exposed. The wood shall then be carefully removed and stockpiled until the pond excavation is complete. Once excavation is complete, the wood will be reinstalled at the water's edge along the same general alignment, orientation and sun exposure. If the original large wood is unsalvageable, the biologist shall select other suitable large wood structure for installation at the water's edge. The biologist shall monitor the removal of the wood and installation of the wood.

**Schedule:** DURING CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-FYLF-1:** If Foothill yellow legged frog adults, juveniles, larvae, or eggs are observed during the pre-construction survey, the biologist shall notify the RCDTC immediately who will coordinate with CDFW to determine the appropriate course of action to avoid impacting the species. Work shall not begin in that area until appropriate consultation and clearance are obtained.

**Schedule:** **PRE-CONSTRUCTION**

**Responsible Party:** RCDTC

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-TOAD-1:** Project activities will be scheduled, **outside of the western spadefoot breeding period of December–April** (depending on rainfall).

**Schedule:** **PRE-CONSTRUCTION, DURING CONSTRUCTION, POST CONSTRUCTION**

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-TOAD-2:** If Western spadefoot toad adults, juveniles, larvae, or eggs are observed during the pre-construction survey, the biologist shall notify the RCDTC immediately who will coordinate with CDFW to determine the appropriate course of action to avoid impacting the species. Work shall not begin in that area until appropriate consultation and clearance are obtained.

**Schedule:** **PRE-CONSTRUCTION**

**Responsible Party:** RCDTC

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-BIRD-1:** If tree removal, vegetation clearing, or the onset of potentially disturbing activities such as mobilization or construction activities will occur during the nesting season (February 1 – August 31), a biologist shall conduct pre-construction nesting bird surveys within 7 days prior to the start of site activities. Survey limits shall include at least 500 feet for raptors and 100 feet for passerines as measured from the project footprint including access and haul roads.

**Schedule:** PRE-CONSTRUCTION, VEGETATION CLEARING

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-NEST-1:** If an active non-raptor nest is located within the project limits or within 100 feet of construction activities, a 100 foot no-disturbance buffer shall be installed around the nest site until the biologist determines nesting is complete and fledglings have left the area.

**Schedule:** PRE-CONSTRUCTION, DURING CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-NEST-2:** A biological monitor shall oversee activities near established nesting buffers to ensure compliance and that adults and young are not disturbed. Nesting buffer distances may be adjusted by the biologist depending on site conditions and species sensitivity. Work may be modified, suspended, or halted if monitoring shows adverse effects to adults or young.

**Schedule:** DURING CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-NEST-3:** If an active raptor nest (including eagles, hawks, owls, or falcons) is identified within the project work limits or within 500 feet of the construction area, all tree removal, vegetation clearing, grading, and other potentially disturbing activities shall be temporarily suspended. A biologist shall evaluate the nest site and surrounding habitat and consult with the CDFW through the RCDTC to establish an appropriate no-disturbance buffer. The buffer shall be clearly marked in the field and maintained intact until the biologist determines, in consultation with CDFW, that the young have successfully fledged and the nest is no longer active, or until CDFW authorizes adjustment of the buffer. No construction activities shall occur within the designated buffer area while the nest remains active.

**Schedule:** PRE-CONSTRUCTION, VEGETATION CLEARING  
DURING CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-NEST-4:** An inactive raptor nest shall not be removed without prior approval of CDFW and USFWS as appropriate. If the contractor must cut down a tree with a raptor nest, the contractor shall contact the biologist and the RCDTC. The RCDTC shall contact CDFW and USFWS as appropriate for approval to remove the nest.

**Schedule:** PRE-CONSTRUCTION, VEGETATION CLEARING,  
DURING CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-GOLD-1:** If the onset of potentially disturbing activities such as mobilization, vegetation removal or construction activities will occur during the nesting season for Golden Eagle (January 1 – August 31), a biologist shall conduct pre-construction nesting bird surveys within 7 days prior to the start of site activities. The survey shall include all suitable nesting habitat within at least a 1.0-mile radius of all proposed work areas.

**Schedule:** PRE-CONSTRUCTION, VEGETATION CLEARING,  
DURING CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-GOLD-2:** If an active Golden eagle nest is identified within 1.0 mile of the Project Area, the biologist shall notify the RCDTC who will notify USFWS and CDFW for direction. Work within 1.0 mile of a nest during the breeding season is prohibited unless approved by USFWS and CDFW. A biologist shall monitor the nest during construction to ensure compliance and has the authority to stop work if Golden eagle nest disturbance is observed.

**Schedule:** PRE-CONSTRUCTION, VEGETATION CLEARING,  
DURING CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-BALD-1:** Bald eagle sightings shall be reported to the biologist and RCDTC.

**Schedule:** PRE-CONSTRUCTION, VEGETATION CLEARING,  
DURING CONSTRUCTION, POST-CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-BAT-1:** Prior to any vegetation removal, a biologist will determine if pallid bats or Western red bats are roosting in the vegetation to be removed / disturbed.

**Schedule:** PRE-CONSTRUCTION, VEGETATION CLEARING

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-BAT-2:** If pallid bats or Western red bats are identified as roosting within the vegetation to be removed / disturbed, vegetation removal shall be suspended until a biologist, in consultation with CDFW, can establish appropriate measures to minimize impacts to these species.

**Schedule:** PRE-CONSTRUCTION, VEGETATION CLEARING  
**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC  
Initials: \_\_\_\_\_  
Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-BAT-3:** To the extent possible, all direct disturbance to identified bat roosts shall occur between August 31 and May 1, in order to minimize the likelihood of injuring or killing juvenile bats during the period when they are still unable to fly.

**Schedule:** PRE-CONSTRUCTION, VEGETATION CLEARING, DURING CONSRUTION  
**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC  
Initials: \_\_\_\_\_  
Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-BAT-4:** To the extent possible, the removal of trees or branches with defects (cavities, cracks, exfoliating bark, etc.) that provide potential bat roosting or bird roosting / nesting habitat will be avoided.

**Schedule:** VEGETATION CLEARING  
**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC  
Initials: \_\_\_\_\_  
Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-BAT-5:** The removal of trees that provide suitable bat roosting (such as trees with deep bark crevices, snags, or holes) shall be conducted between August 31 and October 30, or earlier than October 30 if evening temperatures fall below 45 degrees Fahrenheit and/or more than a half inch of rainfall occurs within 24 hours. These dates correspond to the time period when bats would not be caring for non-volant young and have not yet entered torpor. A biologist shall monitor removal/trimming of trees that provide suitable bat roosting habitat.

**Schedule:** **VEGETATION CLEARING**

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-BAT-6:** Tree removal/trimming shall occur over two consecutive days. On the first day in the afternoon, limbs and branches shall be removed using chainsaws only. Limbs with cavities, crevices, or deep bark fissures shall be avoided, and only branches or limbs without those features shall be removed. On the second day, the entire tree shall be removed. Prior to tree removal/trimming, each tree shall be shaken gently and several minutes shall pass before felling trees or limbs to allow bats time to arouse and leave the tree. The biologist shall search downed vegetation for dead or injured bat species and report any dead or injured special-status bat species to CDFW.

**Schedule:** **VEGETATION CLEARING**

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-RING-1:** If an active Ringtail den is discovered, a 100-foot no-disturbance buffer shall be established around the den until it is confirmed by a biologist to be inactive. Buffers may be modified in consultation with the CDFW if site conditions warrant. A biological monitor shall be present during initial ground disturbance to ensure project activities do not impact Ringtail, it's young or the active den. The monitor shall have the authority to halt work if Ringtail or active dens are encountered.

**Schedule:** **PRE-CONSTRUCTION, VEGETATION CLEARING, DURING CONSTRUCTION**

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-BADG-1:** If a badger den is identified within the proposed disturbance footprint or within 50 feet of the work limits, a 50-foot exclusion zones shall be installed around each den entrance. The configuration of exclusion zones should be circular, with a radius measured outward from the den entrance(s). Exclusion zones will be demarcated with staking and flagging that encircles each den or entrance but does not prevent access to the den by a badger. No construction activities will occur within the exclusion zones.

**Schedule:** PRE-CONSTRUCTION, VEGETATION CLEARING, DURING CONSTRUCTION

**Responsible Party:** RCDTC, EVERYONE

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-PLANT-1:** Prior to the start of construction, a botanist shall survey the project impact limits for special status plant species once in the Winter/Spring and once in the Summer. If special status plant species are identified within the project impact areas, the limits of the plants shall be flagged in the field and work shall be routed around those plants to avoid impacts to the species.

**Schedule:** PRE-CONSTRUCTION, VEGETATION CLEARING

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure BIO-MM-PLANT-2:** Prior to accessing the site, all equipment and vehicles shall be washed and free of weed seed to avoid introducing invasive non-native species to the site.

**Schedule:** PRE-CONSTRUCTION, DURING CONSTRUCTION, POST CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

## Geology and Soils

**Mitigation Measure SOIL-MM 1:** Soils within the sediment disposal areas shall be contoured to match surrounding topography and compacted to the engineer's approval, followed by revegetation in accordance with the Post Construction Restoration Plan to prevent rill formation.

**Schedule:** DURING CONSTRUCTION, POST CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure SOIL-MM 2:** Permanent erosion controls shall be installed as designed and as recommended during construction to ensure the integrity of the restored disposal area and other restored areas.

**Schedule:** DURING CONSTRUCTION, POST CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure SOIL-MM 3:** The RCDTC or designated consultant shall inspect the site during the first year to ensure soil has remained in place and vegetation has become established. Any issues shall be corrected upon discovery.

**Schedule:** POST CONSTRUCTION

**Responsible Party:** RCDTC, CONSULTANT

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure SOIL-MM 4:** The property owner shall inspect the site during and after the wet season and correct any erosion issues upon discovery and follow the Post Construction Monitoring Plan.

**Schedule:** **POST CONSTRUCTION**

**Responsible Party:** PROPERTY OWNER

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

## **Hazards and Hazardous Materials**

**Mitigation Measure HAZ-MM 1:** Entrenched Silt fencing shall be installed around Staging Areas in accordance with the Erosion Control / Turtle Exclusion Fence Plan. The entrance and exit of Staging Area 2 shall be closed at the end of each workday using silt fence with sandbags placed at the base of the silt fence.

**Schedule:** **PRE-CONSTRUCTION, DURING CONSTRUCTION**

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure HAZ-MM 2:** Hazardous materials, including fuels, lubricants, and other petroleum-based products, may be stored onsite within the confines of the staging areas and within secondary containment.

**Schedule:** **DURING CONSTRUCTION**

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure HAZ-MM 3:** Vehicles and equipment shall be fueled at **least 50 feet from aquatic resources** within the limits of the silt fence staging areas with a drip pan placed under the fuel tank.

**Schedule:** **DURING CONSTRUCTION**

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure HAZ-MM 4:** Vehicles and equipment shall be stored within the confines of the Silt Fence staging areas when not in use and at the end of each working day.

**Schedule:** **DURING CONSTRUCTION**

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure HAZ-MM 5:** Vehicles and equipment shall be inspected for fuel, lubricants and other petroleum-based leaks at the beginning of each working day. Any vehicles and equipment found to be leaking shall be repaired before putting that equipment into operation.

**Schedule:** **DURING CONSTRUCTION**

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

## Hydrology and Water Quality

**Mitigation Measure WQ-MM 1:** Entrenched Silt fencing shall be installed around Staging Areas in accordance with the Erosion Control / Turtle Exclusion Fence Plan. The entrance and exit of Staging Area 2 shall be closed at the end of each workday using silt fence with sandbags placed at the base of the silt fence.

**Schedule:** PRE-CONSTRUCTION, DURING CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure WQ-MM 2:** Hazardous materials, including fuels, lubricants, and other petroleum-based products, may be stored onsite within the confines of the staging areas and within secondary containment.

**Schedule:** DURING CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure WQ-MM 3:** Vehicles and equipment shall be fueled at **least 50 feet from aquatic resources** within the limits of the silt fence staging areas with a drip pan placed under the fuel tank.

**Schedule:** DURING CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure WQ-MM 4:** Vehicles and equipment shall be stored within the confines of the Silt Fence staging areas when not in use and at the end of each working day.

**Schedule:** DURING CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure WQ-MM 5:** Vehicles and equipment shall be inspected for fuel, lubricants and other petroleum-based leaks at the beginning of each working day. Any vehicles and equipment found to be leaking shall be repaired before putting that equipment into operation.

**Schedule:** DURING CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure WQ-MM 6:** Soils within the sediment disposal areas shall be contoured to match surrounding topography and compacted to the engineer's approval, followed by revegetation in accordance with the Post Construction Restoration Plan to prevent rill formation.

**Schedule:** DURING CONSTRUCTION, POST CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure WQ-MM 7:** Permanent erosion controls shall be installed as designed and as recommended during construction to ensure the integrity of the restored disposal area and other restored areas.

**Schedule:** DURING CONSTRUCTION

**Responsible Party:** RCDTC, CONTRACTOR

**Verification of Compliance**

Monitoring Party: RCDTC

Initials: \_\_\_\_\_

Date: \_\_\_\_\_

**Mitigation Measure WQ-MM 8:** The RCDTC or designated consultant shall inspect the site during the first year to ensure soil has remained in place and vegetation has become established. Any issues shall be corrected upon discovery.

**Schedule:** **POST CONSTRUCTION**  
**Responsible Party:** RCDTC, CONSULTANT

**Verification of Compliance**  
Monitoring Party: RCDTC  
Initials: \_\_\_\_\_  
Date: \_\_\_\_\_

**Mitigation Measure WQ-MM 9:** The property owner shall inspect the site during and after the wet season and correct any erosion issues upon discovery and follow the Post Construction Monitoring Plan.

**Schedule:** **POST CONSTRUCTION**  
**Responsible Party:** PROPERTY OWNER

**Verification of Compliance**  
Monitoring Party: RCDTC  
Initials: \_\_\_\_\_  
Date: \_\_\_\_\_