

Appendix A

Draft Mitigation Monitoring and Reporting Plan

Placer County

Applegate Regional Sewer Pipeline Project Draft Mitigation Monitoring and Reporting Plan

Purpose of and Need for Monitoring

In compliance with the California Environmental Quality Act (CEQA), a Draft Environmental Impact Report (EIR) has been prepared for the Applegate Regional Sewer Pipeline Project (Proposed Project). The Draft EIR identifies potentially significant impacts that would potentially affect the resource areas listed below, along with mitigation measures to reduce those impacts.

- air quality
- biological resources
- cultural resources
- hydrology and water quality
- land use
- noise and vibration
- public health and safety
- transportation and traffic
- utilities and service systems

CEQA requires that a lead agency adopt a Mitigation Monitoring and Reporting Plan (MMRP) for the measures the agency has proposed to avoid or mitigate significant environmental effects (State CEQA Guidelines Section 15097). The purpose of the MMRP is to ensure that the mitigation measures identified in the EIR are implemented and to identify who is responsible for their implementation.

Mitigation Monitoring and Reporting Program

Public Resources Code Section 21081.6 specifies that when a public agency makes findings required by paragraph (1) of subdivision (a) of Section 21081, it “shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment.” Public Resources Code Section 21081.6 further specifies that the MMRP “ensure compliance during project implementation.”

This MMRP has been prepared for the Proposed Project that identifies mitigation measures, the parties responsible for implementing and monitoring the measures, the timing of each measure, and a summary of the actions necessary to implement and monitor each measure. This MMRP is intended to ensure the effective implementation of mitigation measures that are within the County’s authority to implement, including monitoring where identified, throughout all phases of development and operation of the Proposed Project. Where the responsibility of implementing the

mitigation is listed as belonging to Placer County, the County may choose to delegate that responsibility to the construction contractor or other qualified individual as deemed appropriate by the County and any other regulatory agency.

Table 1. Draft Mitigation Monitoring and Reporting Plan, Placer County, Applegate Wastewater Treatment Plant

Measure	Timing	Implementation Responsibility	Monitoring/Reporting Responsibility	Notes
<p>Mitigation Measure AQ-1: Implement Asbestos Dust Mitigation during Construction Activities Placer County will implement measures to control asbestos dust emissions from construction activities. These measures will include, at a minimum, those specified by the PCAPCD Asbestos Dust Mitigation Plan (ADMP) Guidance for Naturally-Occurring Asbestos (Appendix C). These measures will be implemented prior to the approval of grading/improvement plans and will include the following actions.</p> <ul style="list-style-type: none"> • The applicant shall prepare an Asbestos Dust Mitigation Plan pursuant to CCR Title 17 Section 93105 (“Asbestos Airborne Toxic Control Measures for Construction, Grading, Quarrying, and Surface Mining Operations”) and obtain approval by PCAPCD. The Plan shall include all measures required by the State of California and the PCAPCD. • If asbestos is found in concentrations greater than 5 percent, the material shall not be used as surfacing material as stated in state regulation CCR Title 17 Section 93106 (“Asbestos Airborne Toxic Control Measure-Asbestos Containing Serpentine”). The material with naturally occurring asbestos can be reused at the site for subgrade material covered by other non-asbestos-containing material. 	<p>Prior to and during construction</p>	<p>Placer County</p>	<p>Placer County</p>	<p>Asbestos Dust Mitigation Plan to be submitted to the PCAPCD prior to construction. Placer County will ensure compliance during construction.</p>
<p>Mitigation Measure AQ-2: Implement Best Management Practices to Reduce Construction Tailpipe Emissions Placer County will implement all applicable and feasible measures to reduce tailpipe emissions from diesel-powered construction equipment. This requirement will be incorporated into the construction contract. The following measures would be implemented.</p> <ul style="list-style-type: none"> • Shut down idling equipment that is not used for more than 5 consecutive minutes, where applicable and required by CARB regulations for off-road vehicles. • Maintain all construction equipment in proper tune according to manufacturer’s specifications. • Maximize the use of diesel construction equipment meeting CARB’s 1996 or newer certification standard for off-road heavy-duty diesel engines. • Use emission control devices at least as effective as the original factory-installed equipment. • Locate stationary diesel-powered equipment and haul truck staging areas as far as practicable from sensitive receptors. • Use existing power sources (e.g., power lines) or clean fuel generators rather than temporary power generators. • Substitute gasoline-powered for diesel-powered equipment when feasible. • Use alternatively fueled construction equipment on site where feasible, such as compressed natural gas, liquefied natural gas, propane, or biodiesel. 	<p>During construction</p>	<p>Placer County</p>	<p>Placer County</p>	<p>Requirements will be included in the construction specifications prior to construction. Placer County will ensure compliance during construction.</p>
<p>Mitigation Measure BIO-1: Survey for Special-Status Plant Species Prior to Construction A qualified botanist will survey the biological study area to document the presence of special-status plants before project implementation. The botanists will conduct a floristic survey that follows the CDFG botanical survey guidelines, which typically entail spring surveys during the blooming period from approximately April to May (California Department of Fish and Game 2009). Special-status plant populations identified during the field surveys will be mapped and documented as part of the public record. If no special-status plant populations are identified during appropriately-timed botanical surveys, no further mitigation is needed. If special-status plant populations are present, the County will implement Mitigation Measures BIO-2 and BIO-3.</p>	<p>During construction</p>	<p>Placer County</p>	<p>Placer County</p>	<p>Surveying in May would be the best time to capture the blooming season for all the special status plants with the potential to occur in the study area.</p>
<p>Mitigation Measure BIO-2: Avoid or Minimize Impacts on Sensitive Biological Resources If special-status plant populations are present in biological study area, the County will avoid and minimize impacts on them and other sensitive biological resources (e.g., riparian habitat, wetlands), where feasible, as follows:</p> <ul style="list-style-type: none"> • Redesign portions of the Proposed Project at the locations of sensitive biological resources, relocating staging areas, or modifying the limits of disturbance to avoid impacts. • Install protective fencing. The County will retain a qualified biologist to identify the boundaries of 	<p>Prior to and during construction</p>	<p>Placer County</p>	<p>Placer County</p>	<p>Project design changes would occur during the design phase prior to construction. Avoidance areas would be indicated in construction specifications and avoided during construction.</p>

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<p>sensitive biological resources that will be avoided during construction. These areas will be fenced off with construction barrier fencing and sediment fencing and if necessary, concrete barriers will also be installed to protect sensitive biological resources in areas adjacent to the directly affected area.</p> <p>The protected area will be clearly identified on the construction plans and specifications. The fencing will be in place before construction activities are initiated. The fencing will be maintained by the County or its contractor throughout the duration of the construction period. If the fencing is removed, damaged, or otherwise compromised during the construction period, construction activities will cease until the fencing is replaced. The contractor will brief their construction personnel on the sensitive biological resources within or adjacent to the project site that will be avoided during construction and the penalties for not complying with permit requirements. Additional training information specific to special-status wildlife (i.e., California red-legged frog)) is provided in Mitigation Measure BIO-8.</p>				
<p>Mitigation Measure BIO-3: Compensate for Direct Impacts on Special-Status Plants</p> <p>If complete avoidance of special-status plant populations is not feasible, the County will compensate for the loss of special-status plant populations. Compensation for the direct impacts on special-status plants may consist of either transplantation (if approved by resource agencies) or preserving an offsite special-status plant occurrence.</p> <p>If regulatory agencies (CDFG and/or USFWS) concur that transplantation is a feasible mitigation option, the County will retain a qualified restoration ecologist to work closely with the resource agency specialist to develop a detailed transplantation and monitoring plan with success criteria. If an offsite special-status plant occurrence will be preserved it will be the same population size (not acreage) as the one affected and the County will develop a mitigation and monitoring plan that will be developed in conjunction with, and approved by, the appropriate regulatory agencies prior to construction of the Proposed Project. The mitigation and monitoring plan will contain success criteria to ensure that the goal of preserving an appropriately-sized population at another special-status plant occurrence will be met.</p>	Post construction	Placer County, CDFG, and USFWS	Placer County	
<p>Mitigation Measure BIO-4: Compensate for Loss or Disturbance of Wetlands and Other Waters</p> <p>The County will mitigate for impacts on wetlands and waters through post-construction restoration or contribution to a certified wetland mitigation bank to ensure no net loss of wetland habitat functions and values. The restoration will be provided at a minimum ratio of 1:1 (1 acre restored or created for every 1 acre filled), but final restoration ratios will be based on site-specific information and determined through coordination with state and federal agencies as part of the permitting process for the project. Restoration will be conducted on site after all construction activities are complete.</p>	Post construction	Placer County and the U.S. Army Corps of Engineers	Placer County	Determination of potential impacts and obtaining a permit under Section 404 of the Clean Water Act, if required, would occur prior to construction.
<p>Mitigation Measure BIO-5: Compensate for the Loss or Disturbance of Riparian Vegetation</p> <p>The County will compensate for any disturbance or loss of riparian vegetation that may occur during construction of Alternative 1 to ensure no net loss of habitat functions and values, as required by regulatory agencies. Compensation ratios will be based on site-specific information and determined through coordination with CDFG during the streambed alteration agreement permitting process (e.g., 1:1=1 acre restored/enhanced for every 1 acre removed). Restoration, if appropriate and feasible, will be conducted on site after all construction activities are complete to the extent possible; however, any riparian trees that cannot be replaced by on-site replanting because of the County's pipeline operation and maintenance activities will be replaced, or otherwise mitigated for, in accordance with the California Public Resources Code 21083.4 or the County's Tree Preservation Ordinance as discussed under Mitigation Measure BIO-7.</p>	Post construction	Placer County	Placer County	Determination of potential impacts and obtaining a Streambed Alteration Agreement, if needed, would occur prior to construction.
<p>Mitigation Measure BIO-6: Conduct a Tree Survey</p> <p>The County will retain a certified arborist to conduct a tree survey or vegetative landcover survey to identify protected trees or oak woodlands in the study area. The arborist will document the results of the tree/vegetative landcover survey in a report that may include the location, species, size (dbh), overall health, and dripline diameter of the trees. These activities will be conducted before any trees are removed.</p>	Prior to construction	Placer County	Placer County	
<p>Mitigation Measure BIO-7: Compensate for the Loss of Protected Trees</p> <p>The County will comply with the requirements or conditions of the Tree Preservation Ordinance, which are described in Article 12.16 of the Placer County Code and the mitigation alternatives described in Section 21083.4 of California Public Resources Code. If the project results in impacts on protected trees or oak</p>	Post construction	Placer County	Placer County	

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<p>woodlands, the County will obtain a tree permit that identifies individual tree impacts and, if applicable, oak woodland impacts, prior to development activities within the protected zone of any protected tree. The County will implement appropriate mitigation measures as required by the permit.</p>				
<p>Mitigation Measure BIO-8: Conduct Mandatory Contractor Training for the Protection of the California Red-Legged Frog</p> <p>Before any work, including grading, occurs in the construction area, a USFWS-approved biologist will conduct an environmental education program for construction personnel concerning the California red-legged frogs that could occur in the project area. The mandatory environmental education program will include a description, representative photographs, and legal status of each federally listed species; the terms and conditions of the biological opinion; and the penalties for not complying with biological mitigation requirements. Proof of this instruction will be kept on file with the County. In the absence of a USFWS-approved biologist, environmental training pamphlets will also be available on site for use by environmentally trained leads in training new personnel. Construction personnel will learn that if a California red-legged frog is encountered in the work area, construction will cease, and USFWS will be called for guidance before any construction activities resume.</p> <p>The program will emphasize the need to protect water quality and the importance of implementing the conservation measures included in the EIR. The biologist will review the measures that must be implemented to protect water quality as well as general restrictions and guidelines that must be followed by all construction personnel to avoid or reduce effects on federally listed species during project implementation. The resident inspector will be responsible for ensuring that construction personnel adhere to the guidelines and restrictions. If new construction personnel are added to the project, the crew foreman will ensure that they receive the mandatory training before starting work. Restrictions and guidelines that must be followed by construction personnel are listed below.</p> <ul style="list-style-type: none"> • The contractor will clearly delineate the project boundaries and prohibit any off-road construction travel outside these boundaries. • Project-related vehicles and construction equipment will be restricted to the designated construction area. • The contractor will provide closed garbage containers for the disposal of all food-related trash items (e.g., wrappers, cans, bottles, food scraps). All garbage will be picked up daily around the project site. Construction personnel will not feed or otherwise attract fish or wildlife to the action area. • To prevent possible resource damage from hazardous materials such as motor oil or gasoline, construction personnel will not service vehicles or construction equipment outside designated staging areas. Staging areas as well as areas for fueling and maintenance activities will be located a minimum of 100 feet from riparian or aquatic habitats. The project proponent will prepare a spill prevention and cleanup plan. • Any worker who inadvertently injures or kills a federally listed species or finds one dead, injured, or entrapped will immediately report the incident to the resident inspector. The resident inspector will immediately notify the County, which will provide verbal notification to the USFWS Endangered Species Office in Sacramento, California, and the local California Department of Fish and Game (DFG) warden or biologist within 3 working days of the incident. The County will follow up with written notification to USFWS and DFG within 5 working days of the incident. 	<p>Prior and during construction</p>	<p>Placer County</p>	<p>Placer County</p>	<p>Conducting contractor awareness training would occur prior to construction. Monitoring of construction activities would occur during construction.</p>
<p>Mitigation Measure BIO-9: Avoid and Minimize Effects on California Red-Legged Frog during Construction</p> <p><u>Biological Monitoring During Construction</u></p> <p><i>Wet season.</i> During project construction activities occurring during the wet season (generally October 15 to April 15), a USFWS-approved biological monitor will conduct a preconstruction survey for California red-legged frogs no more than 48 hours before new ground disturbance and remain on site for all construction activities that occur during the wet season. If a California red-legged frog is encountered during any project activities, construction will cease and the USFWS will be notified.</p> <p><i>Dry season.</i> During construction activities occurring during the dry season (generally April 15 to October 15), the construction monitor will monitor for California red-legged frog when construction occurs within 300 feet</p>	<p>During construction</p>	<p>Placer County</p>	<p>Placer County</p>	

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<p>of suitable aquatic habitat as identified as suitable or marginally suitable in Table 1 of the California red-legged frog site assessment prepared for the project (ICF 2010). If a California red-legged frog is encountered during any project activities, construction will cease and the USFWS will be notified.</p> <p>The County will submit to USFWS the name and credentials of the biologist or team of biologists who will monitor the project for California red-legged frog. Review and approval must occur at least 15 days prior to the onset of construction activities. Minimum credentials for a biologist include completion of at least 4 years of university training in wildlife biology or a related science and/or demonstrated field experience pertaining to the identification and life history of the California red-legged frog as well as common amphibians known to occur in area. Once approved, said biologist, or team of biologists, will be referred to as the USFWS-approved biological monitor for the project.</p> <p><u>Pipeline Installation</u></p> <p>Where possible, all trenches created for pipeline installation will be filled in on the same day they are created during the duration of construction for either the wet or dry season.</p> <p>In the event that trenches remain open overnight, exclusion fencing (defined as sediment fencing 18 to 24 inches high buried at least 6 inches into the ground) will be installed around the open area or the trench will be covered to reduce the likelihood of California red-legged frogs entering the trench. Prior to filling any portion of the trenches along the pipeline alignment, the USFWS-approved biological monitor or environmentally trained lead will check for frogs. If any frogs are located within the trench, the USFWS-approved biological monitor and USFWS will immediately be contacted for guidance.</p> <p><u>Wastewater Treatment Plant Pond Dewatering and Recontouring</u></p> <p>If feasible, dewatering of the WWTP ponds will occur in mid- to late summer to avoid affecting breeding habitat. A USFWS-approved biological monitor will be placed on site just prior to and shortly after drawdown of the ponds to determine whether frogs are present regardless of when the drawdown occurs. If California red-legged frogs are present, USFWS will be notified. During dewatering, frogs and other wildlife should be allowed to disperse passively to nearby aquatic and upland habitat outside of the WWTP. Shortly after the ponds are dewatered and the area is surveyed and cleared by a biologist, exclusion fencing will be placed around the perimeter of the Applegate facility to prevent frogs and other wildlife from re-entering the site. In the event that the ponds are restored, once recontouring is completed, the exclusion fencing will be removed. Recontoured areas will be stabilized with erosion control materials (fiber blankets, wattles, etc.) and hydro-seeded with a mix of native herbs and grasses.</p>				
<p>Mitigation Measure BIO-10: Restore Disturbed Areas to Pre-Project Conditions</p> <p>After completion of construction activities in natural areas, the County will ensure that any temporary fill or construction debris is removed from the project areas and that unpaved disturbed areas are restored to pre-project conditions (regrading and replanting the areas to pre-project conditions). No trees will be planted over the pipeline to prevent potential damage to the pipeline from roots.</p>	Post construction	Placer County	Placer County	
<p>Mitigation Measure BIO-11: Avoid and Minimize Construction-Related Impacts on Foothill Yellow-Legged Frog</p> <p>If avoidance is not feasible, prior to construction of the pipeline across the natural section of Boardman Canal, a survey for foothill yellow-legged frogs will be conducted by a qualified biologist within 48 hours of the commencement of construction activities. If foothill yellow-legged frogs are found within the impact area they will be relocated downstream of the construction area. This biologist will monitor all construction activities within in and immediately adjacent to this channel.</p>	Prior to and during construction	Placer County	Placer County	Preconstruction surveys would take place prior to construction. Monitoring would occur during construction.
<p>Mitigation Measure BIO-12: Avoid and Minimize Construction-Related Impacts on Western Pond Turtle.</p> <p>In the event the WWTP ponds are restored to pre-project conditions, if feasible, dewatering and re-contouring will occur in late summer/early fall. A biological monitor will be placed on site just prior to and shortly after the ponds drawdown to determine whether turtles and other wildlife are stranded and require relocation. During the dewatering, turtles and other wildlife will be allowed to passively disperse to nearby aquatic and upland habitat outside of the WWTP. Shortly after the ponds are dewatered and the area is surveyed and cleared by a biologist, exclusion fencing will be placed up around the perimeter of the WWTP to prevent</p>	During construction	Placer County	Placer County	

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turtles and other wildlife from re-entering the site under the remaining construction activities are complete.				
<p>Mitigation Measure BIO-13: Conduct Tree and Shrub Removal Activities during the Non-Breeding Season for Migratory Birds and Raptors, and Survey and Avoid Nesting Sites during Tree and Shrub Trimming</p> <p>To avoid removing any active special-status species or other non-special status bird and raptor nests, tree and shrub trimming and removal activities will be conducted during the non-breeding season for these species (generally between August 15 and January 15).</p> <p>If tree and shrub trimming and removal activities are conducted during breeding season (generally between January 15 and August 15), a preconstruction survey will be conducted by a qualified biologist retained by the County to determine if there are active nests present. The survey will be conducted no more than 14 days prior to tree and shrub removal activities. If the biologist determines that the area surveyed does not contain any active nests, then trimming and removal activities can commence without any further mitigation.</p> <p>If an active migratory bird or raptor nest is discovered during the nesting survey, a no-disturbance buffer will be established around the nest to avoid disturbance or destruction of the nest. The distance around the no-disturbance buffer will be determined by the biologist in coordination with CDFG and will depend on the level of noise or construction activity, the level of ambient noise in the vicinity of the nest, and line-of-sight between the nest and disturbance. The no-disturbance buffer will remain in place until after the nesting season (January 15 through August 15) or until the biologist determines that the young have fledged.</p>	Prior to and during construction	Placer County	Placer County	If tree and shrub removal takes place during nesting season (between January 15 and August 15) conduct surveys 14 days prior to tree and shrub removal activities. Biological monitoring would occur during construction.
<p>Mitigation Measure BIO-14: Survey and Avoid Nesting Sites during Pipeline Construction</p> <p>For pipeline construction occurring between January 15 and August 15, preconstruction surveys for nesting birds and raptors will be conducted two weeks prior to construction activities. Since the alignment occurs within existing roadways adjacent to rural residences that receive regular traffic, the survey distance for nesting migratory birds will be limited to the immediate vicinity of the pipeline alignment and for nesting raptors surveys will extend out to 500 feet where accessible. Since pipeline construction will occur over an extended period of time, multiple preconstruction surveys will be conducted so as to provide clearance for each new section of pipeline to be constructed. Preconstruction surveys shall be coordinated with construction timing so as to remain two weeks ahead of expected progress on each new segment and therefore it is anticipated that these surveys will occur approximately every two weeks, and will be conducted by the biological monitor throughout the breeding season.</p> <p>If an active migratory bird or raptor nest is discovered during the nesting survey, a no-disturbance buffer will be established around the nest to avoid disturbance or destruction of the nest. The distance around the no-disturbance buffer will be determined by the biologist in coordination with CDFG and will depend on the level of noise or construction activity, the level of ambient noise in the vicinity of the nest, and line-of-sight between the nest and disturbance. The no-disturbance buffer will remain in place until after the nesting season (January 15 through August 15) or until the biologist determines that the young have fledged.</p>	Prior to and during construction	Placer County	Placer County	Surveys would occur two weeks prior to construction. Biological monitoring would occur during construction.
<p>Mitigation Measure BIO-15: Conduct Surveys for Nesting Birds and Raptors Prior to any Blasting</p> <p>If any blasting is to occur between January 15 and August 15, surveys for nesting birds and raptors will be conducted two weeks prior to scheduled blasts. The survey distance for nesting migratory birds will extend out to 500 feet, where accessible, and for nesting raptors surveys will extend out to 0.25 mile, where accessible.</p> <p>If an active migratory bird or raptor nest is discovered during the nesting survey, the surveying biologist will consult with CDFG to determine the appropriate measures to avoid and minimize impacts on nesting birds and raptors.</p>	Prior to construction	Placer County and CDFG	Placer County	Surveys and consultation with CDFG two weeks prior to blasting
<p>Mitigation Measure CR-1: Stop Work and Implement Appropriate Measures</p> <p>If any artifact or an unusual amount of bone, shell, or nonnative stone is uncovered during construction or other ground-disturbing activities, work will be halted in that area so that a professionally qualified archaeologist or paleontologist, as appropriate, can determine the significance of the find. If human bone is uncovered, the Placer County Coroner and NAHC will be contacted immediately. If human remains are discovered in any location other than a dedicated cemetery, there will be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains until:</p>	During construction	Placer County	Placer County	

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<ul style="list-style-type: none"> the Placer County Coroner has been informed and has determined that no investigation of the cause of death is required; and if the remains are of Native American origin, the descendants of the deceased Native Americans have made a recommendation to the landowner or the person responsible for the excavation work regarding the means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in PRC 5097.98, or the NAHC was unable to identify a descendant or the descendant failed to make a recommendation within 24 hours after being notified by the NAHC. <p>According to the California Health and Safety Code, six or more human burials at one location constitute a cemetery (Section 8100), and disturbance of Native American cemeteries is a felony (Section 7052).</p>				
<p>Mitigation Measure WQ-1: Ensure Adequacy of NPDES Permit Provisions for Dewatering and Implement Provisions</p> <p>Before discharging any dewatered effluent to surface water, the County or its contractors will obtain an NPDES permit and/or WDRs from the CVRWQCB. Depending on the volume and characteristics of the discharge, coverage under the CVRWQCB's General Construction Permit or General Dewatering Permit is possible. As part of the permit, the permittee will design and implement measures as necessary so that the discharge limits identified in the relevant permit are met. As a performance standard, these measures will be selected to achieve maximum sediment removal and represent the best available technology that is economically achievable. Implemented measures may include retention of dewatering effluent until particulate matter has settled before it is discharged, use of infiltration areas, and other BMPs. Final selection of water quality control measures will be subject to approval by the County.</p> <p>The County will verify that coverage under the appropriate NPDES permit has been obtained before allowing dewatering activities to begin. The County or its agent will perform routine inspections of the construction area to verify that the water quality control measures are properly implemented and maintained. The County will notify its contractors immediately if there is a noncompliance issue and will require compliance.</p>	<p>Prior to construction</p>	<p>Placer County and the Central Valley Regional Water Quality Control Board</p>	<p>Placer County</p>	<p>Obtaining the NPDES permit would occur prior to construction. Placer County would ensure compliance during construction.</p>
<p>Mitigation Measure NOI-1: Employ Noise-Reducing Construction Practices to Comply with the Placer County Noise Ordinance</p> <p>The County or its contractor will ensure that noise-reducing construction practices are implemented so that construction noise does not exceed applicable County noise control standards. The project contractor will prepare a noise control plan that will identify feasible measures that can be employed to reduce construction noise. These may include but are not limited to the measures listed below:</p> <ul style="list-style-type: none"> scheduling substantial noise-generating activity during daytime hours where feasible; requiring that construction equipment be equipped with factory-installed muffling devices, as per the County noise ordinance, and that all equipment be operated and maintained in good working order to minimize noise generation; locating noise-generating equipment as far as practical from noise-sensitive uses; using noise-reducing enclosures around noise-generating equipment; placing temporary barriers between noise sources and noise-sensitive land uses or taking advantage of existing barrier features (terrain, structures, edge of trench) to block sound transmission; and prohibiting use of backup alarms and providing an alternate warning system, such as a flagman or radar-based alarm, that is compliant with state regulations. <p>The noise control plan will demonstrate that noise control measures will reduce noise to be in compliance with the County noise ordinance.</p>	<p>Prior to and during construction</p>	<p>Placer County</p>	<p>Placer County</p>	<p>A noise plan would be developed and approved prior to construction. Placer County would ensure compliance during construction.</p>
<p>Mitigation Measure NOI-2: Disseminate Essential Information to Residences and Implement a Complaint/Response Tracking Program</p> <p>The County or its contractor will notify residents within 1,000 feet of the construction areas of the construction schedule in writing before construction. This notification will include a description of the activity that will occur, measures that the contractor will be taking to control noise, and specific information as to when blasting will occur. The County or its contractor will designate a noise disturbance coordinator who will be responsible for responding to complaints regarding construction noise. The coordinator will determine the cause of the complaint and will ensure that reasonable measures are implemented to correct the problem</p>	<p>Prior to construction</p>	<p>Placer County</p>	<p>Placer County</p>	

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when feasible. A contact telephone number for the noise disturbance coordinator will be conspicuously posted on construction site fences and will be included in the written notification of the construction schedule sent to nearby residents.				
Mitigation Measure NOI-3: Limit Truck Hauling Activities to Daytime Hours The County will limit truck hauling activities to the hours between 6:00 a.m. and 8:00 p.m. Monday through Friday and 8:00 a.m. and 8:00 p.m. Saturday where trucking occurs on roads with residences.	During construction	Placer County	Placer County	
Mitigation Measure NOI-4: Employ Noise-Reducing Design Measures at the New Pump Station Site Placer County will ensure that noise at the pump stations does not exceed the County noise ordinance standards at the nearest sensitive residence. Measures to achieve this include but are not limited to those listed below. <ul style="list-style-type: none"> • Locate equipment as far as practical from noise sensitive uses. • Construct pump station enclosures with upgraded acoustical insulation and acoustically designed vents. 	Prior to and during construction	Placer County	Placer County	Noise-reducing measures would be incorporated during the design phase. Placer County would ensure compliance during construction.

