

**PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT  
CHROMIUM 6 (CR+6) BLENDING PLAN PROJECT  
MITIGATION MONITORING AND REPORTING PROGRAM**

Mitigation Measure	Implementation Schedule	Verification				
<p><b>Aesthetics</b></p> <p>I-1 A facilities lighting plan shall be prepared and shall demonstrate that glare from operating and safety night lights that may create light and glare affecting adjacent occupied property are sufficiently shielded to prevent light and glare from spilling into occupied structures. This plan shall specifically indicate that the lighting doesn't exceed 1.0 lumen at the nearest residence to any lighting site within the project footprint. This plan shall be implemented by the District to minimize light or glare intrusion onto adjacent properties.</p>	<p>A lighting plan demonstrating compliance with this measure shall be completed prior to initiating construction. The designed lighting shall be installed during construction and maintained during operations</p>	<p>A copy of the approved lighting plan shall be retained in the project file. Verification of implementation shall be based on field inspections by District inspection personnel that verify the measure is being implemented during construction. Field notes documenting verification shall be retained in the project file.</p>				
				Source	Responsible Party	Status / Date / Initials
				Initial Study	Phelan Piñon Hills CSD	

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<p><b>Air Quality</b></p> <p>III-1 <u>Fugitive Dust Control</u> The following measures shall be incorporated into Project plans and specifications for implementation:</p> <ul style="list-style-type: none"> <li>• All clearing, grading, earth-moving, or excavation activities shall cease when winds exceed 25 mph per SCAQMD guidelines in order to limit fugitive dust emissions.</li> <li>• The contractor shall ensure that all disturbed areas within the Project are watered with complete coverage of disturbed areas at least two times a day, preferably in the mid-morning, afternoon, and after work is done for the day. Additional watering can be applied if fugitive dust is observed leaving the project site.</li> <li>• The contractor shall ensure that traffic speeds on the Project site are reduced to 10 miles per hour or less.</li> <li>• Plans, specifications and contract documents shall direct that a sign must be posted on-site stating that construction workers shall not idle diesel engines in excess of five minutes.</li> <li>• During grading activity, all construction equipment greater than 150 horsepower shall be California Air Resources Board (CARB) Tier 3 Certified.</li> </ul>	<p>This measure shall be included in the construction contract as a contract specification and implemented by the contractor during construction.</p>	<p>A copy of the construction contract including this air mitigation measures shall be retained in the project file. Verification of implementation shall be based on field inspections by District inspection personnel that verify the air quality measures have been implemented as required in these measures. Field notes documenting verification shall be retained in the project file.</p>				
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<ul style="list-style-type: none"> <li>• Only “Zero-Volatile Organic Compounds” paints (no more than 150 gram/liter of VOC) and/or High Pressure Low Volume (HPLV) applications consistent with South Coast Air Quality Management District Rule 1113 shall be used when reservoirs are painted, if painted onsite.</li> <li>• Install and maintain track out control devices in effective condition at all access points where paved and unpaved access or travel routes intersect (e.g., Install wheel shakers, wheel washers, and limit site access.)</li> <li>• All roadways, driveways, sidewalks, etc., shall be completed as soon as possible. In addition, reservoir pads shall be installed as soon as possible after grading, unless seeding or soil binders are used in travel areas.</li> <li>• When materials are transported off-site, all material shall be covered, effectively wetted to limit visible dust emissions, and at least six inches of freeboard space from the top of the container shall be maintained.</li> <li>• All streets shall be swept at least once a day using SCAQMD Rule 1186 certified street sweepers if visible soil materials are carried to adjacent streets.</li> <li>• The contractor or builder shall designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite.</li> <li>• Post a publicly visible sign with the telephone number and person to contact regarding dust complaints. This person shall respond and take corrective action within 24 hours.</li> <li>• Any on-site stockpiles of debris, dirt or other dusty material shall be covered or watered three times daily.</li> <li>• Use electric construction equipment where technically feasible, i.e., a competent electronic version of the equipment is commercially available.</li> </ul>			
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<p><b>Air Quality</b> III-2 <u>Exhaust Emissions Control</u></p> <ul style="list-style-type: none"> <li>• Utilize well-tuned off-road construction equipment.</li> <li>• Establish a preference for contractors using Tier 3-rated or better heavy equipment.</li> <li>• Enforce 5-minute idling limits for both on-road trucks and off-road equipment.</li> </ul>	<p>This measure shall be included in the construction contract as a contract specification and implemented by the contractor during construction.</p>	<p>A copy of the construction contract including this air mitigation measures shall be retained in the project file. Verification of implementation shall be based on field inspections by District inspection personnel that verify the air quality measures have been implemented as required in these measures. Field notes documenting verification shall be retained in the project file.</p>
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<p><b>Biological Resources</b> IV-1 Although no desert tortoise were detected during the site surveys, habitat along the pipeline alignments is considered marginally suitable for this species. Therefore, a qualified biologist shall conduct one pre-construction clearance survey within 30 days prior to initiating construction. Following the pre-construction survey, the biologist will make a determination regarding tortoise mitigation: (1) if a biological monitor should be present at the site during all clearing and grubbing activities above grade; (2) if desert tortoise fencing needs to be installed around the perimeter of the construction work zone; or (3) if no further action is required. The biologist/monitor should remain on-call during construction activities to respond to a circumstance where a desert tortoise wanders into the construction area.</p>	<p>This measure shall be implemented within 30 days prior to initiation of construction.</p>	<p>A copy of the tortoise survey shall be retained in the project file. If tortoise will be directly impacted by the project, copies of state and federal incidental take permits shall be retained in the project file. If tortoise are found in the project vicinity, all management actions taken to prevent incidental take shall be documented in the project file.</p>
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<p><b>Biological Resources</b> IV-2 Where possible, the District shall limit pipeline construction to existing disturbed roadway alignments and avoid both Mohave ground squirrel (MGS) and MGS habitat. Contract specification shall restrict the contractor from disturbing the adjacent creosote bush scrub habitat along the pipeline alignments in Meridian Road, the western-most portion of Palmdale Road, and the western-most portion of the Alternative 2 at Soledad Road.</p>	<p>This measure shall be implemented by the District during engineering design. The contract specification shall be included in the construction contract and implemented during construction.</p>	<p>The final design shall identify those locations that may adversely impact MGS habitat. Verification of implementation shall be based on field inspections by District inspection personnel that verify the this measure has been implemented as required in the measures. Field notes documenting verification shall be retained in the project file.</p>
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<p><b>Biological Resources</b> IV-3 Where avoidance of the adjacent habitat is not feasible, the following actions shall be implemented. For the temporary loss of the presumed occupied MGS habitat, the District shall provide compensation for temporary loss of habitat and individual MGS in the following manner: 1) the District shall obtain a 2081 Incidental Take Permit (ITP) from the CDFW; the District shall offset the loss of the temporarily disturbed habitat by purchase of acceptable MGS habitat at a 1:1 ratio, or approximately 7.3 acres estimated at this time; and any conserved habitat shall be provided with an appropriate endowment to ensure permanent protection and the conserved habitat shall be managed by an agency or party considered acceptable to the CDFW. No ground disturbance shall occur until an ITP is obtained by the District. Note that the final compensation package contained in the permit may differ from the above compensation package, but the District finds that this compensation package shall at a minimum meet the requirements of this measure.</p>	<p>The MGS protocol survey shall be completed prior to ground disturbance in conjunction with the project. Prior to implementing construction in an area with a population of MGS, the District shall obtain an Incidental Take Permit (ITP) from the State Department of Fish and Wildlife. All measures identified in the ITP shall be completed in accordance with the time schedule in this document.</p>	<p>A copy of both the MGS survey and, if required, the ITP shall be retained in the project file. The District shall document specific compliance with each ITP condition and retain the documented verification in the project file.</p>

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Alternatively, the District may perform a protocol MGS presence/absence survey prior to initiating construction and should it be determined that the adjacent habitat is not occupied by MGS, the above mitigation measure need not be implemented.			
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<b>Biological Resources</b> IV-4 Prior to construction, the District shall conduct a plant survey for the Short-joint beavertail and the White pygmy-poppy. This survey shall be conducted by a qualified professional biologist familiar with these two species. If these plants are identified within the temporary project area of impact, the botanists shall relocate these plants to adjacent comparable habitat that will not be disturbed.	The survey shall be completed prior to initiating ground disturbance. If plants must be relocated, this shall occur prior to ground disturbance in the area where they occur.	A copy of the plant survey and any relocation efforts shall be documented and retained in the project file.	
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<b>Biological Resources</b> IV-5 The District shall prepare and submit a Streambed Alteration Agreement (SAA) to the California Department of Fish and Wildlife (CDFW) if CDFW finds that the channel in the roadway is jurisdictional, the District shall process and obtain the SAA. No ground disturbance shall occur until the District obtains an SAA. Note that the final compensation package contained in the permit shall be implemented by the District.	If necessary, the SAA shall be obtained prior to ground disturbance within the jurisdictional area and the conditions of the SAA shall be implemented as defined in the SAA.	A copy of the SAA shall be retained in the project file, and verification that all conditions have been implemented shall be retained in the project file.	
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<p><b>Biological Resources</b> IV-6 The State of California prohibits the “take” of active bird nests. To avoid an illegal take of active bird nests, any grubbing, brushing or tree removal should be conducted outside of the the State identified nesting season (Raptor nesting season is February 15 through July 31; and migratory bird nesting season is March 15 through September 1). Alternatively, the site shall be evaluated by a qualified biologist prior to the initiation of ground disturbance to determine the presence or absence of nesting birds. Active bird nests MUST be avoided during the nesting season. If an active nest is located in the project construction area it will be flagged and a 300-foot avoidance buffer placed around it. No activity shall occur within the 300-foot buffer until the young have fledged the nest.</p>	<p>Construction shall occur outside of the nesting season or a copy of the field survey documenting no nesting birds shall be completed prior to initiating construction within the nesting season.</p>	<p>District personnel shall document the dates of construction. If construction is proposed to occur within the nesting season, a copy of the field survey documenting the absence of nesting birds shall be retained in the project file.</p>				
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<p><b>Biological Resources</b> IV-7 A qualified desert native plant specialist shall identify all protected plants onsite prior to disturbing the project site to install any facilities.</p>	<p>This survey shall be completed prior to ground disturbance.</p>	<p>A copy of the survey shall be retained in the project file.</p>				
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<p><b>Biological Resources</b> IV-8 Protected plants will not be removed unless preservation onsite is not possible due to final project design.</p>	<p>This decision shall be documented by the District prior to initiating ground disturbance where such plants occur.</p>	<p>Documentation verifying that protected plants have been protected in place or relocated shall be incorporated into the project file.</p>				
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<b>Biological Resources</b> IV-9 Protected plants requiring removal will be transplanted onsite where possible. The guidelines for the transplantation effort are discussed in the San Bernardino County Government Code and California Food and Agricultural Code (Codes).	The specific location where protected plants are transplanted shall be identified at the time of relocation.	A copy of the relocation information shall be retained in the project file.				
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<b>Biological Resources</b> IV-10 Any additional plants that cannot be preserved or used to revegetate the site will be offered for transplantation offsite to local residents.	This measure shall be implemented concurrent with determination that certain plants cannot be preserved or used for revegetation.	The determination regarding preservation or revegetation shall be documented and retained in the project file. If plants are offered for transplantation to local residents, this information shall be documented in the project file.				
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<b>Biological Resources</b> IV-11 All onsite transplantation shall be conducted by qualified native plant landscapers according to established transplantation techniques for the affected species.	If transplantation is carried out in support of this project, the qualified plant landscaper responsible for transplantation shall be identified prior to ground disturbance in the area of transplantation.	A copy of the native plant landscaper's qualifications shall be retained in the project file and documentation that plants were transplanted using professional techniques shall be retained in the project file.				
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<p><b>Cultural Resources</b> V-1 Should any cultural resources be encountered during construction of these facilities, earthmoving or grading activities in the immediate area of the finds shall be halted and an onsite inspection shall be performed immediately by a qualified archaeologist. Responsibility for making this determination shall be with the District onsite inspector. The archaeological professional shall assess the find, determine its significance, and make recommendations for appropriate mitigation measures within the guidelines of the California Environmental Quality Act.</p>	<p>Any response to exposed resources shall occur during construction. Any reports documentation management and findings for accidentally exposed resources shall be completed within one year of the discovery.</p>	<p>The District shall be notified within 24-hours of accidental exposure of any paleontological resources. A copy of initial findings shall be provided to the District and retained In the project file. A copy of the final report shall be retained in the project file.</p>				
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<p><b>Cultural Resources</b> V-2 Should any paleontologic resources be encountered during construction of these facilities, earthmoving or grading activities in the immediate area of the finds shall be halted and an onsite inspection should be performed immediately by a qualified paleontologist. Responsibility for making this determination shall be with the District onsite inspector. The paleontological professional shall assess the find, determine its significance, and make recommendations for appropriate mitigation measures within the guidelines of the California Environmental Quality Act.</p>	<p>Any response to exposed resources shall occur during construction. Any reports documentation management and findings for accidentally exposed resources shall be completed within one year of the discovery.</p>	<p>The District shall be notified within 24-hours of accidental exposure of any paleontological resources. A copy of initial findings shall be provided to the District and retained In the project file. A copy of the final report shall be retained in the project file.</p>				
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<p><b><i>Geology and Soils</i></b></p> <p>VI-1 PPHCSD shall retain a qualified engineering geologist to investigate sites proposed for water storage reservoirs. The recommendations of the engineering geologist relative to mitigating the potential for seismically induced ground rupture, strong ground shaking and expansive soils shall be incorporated in the design and construction of these facilities. Design of such facilities shall follow the following design performance criteria. Comprehensive geotechnical investigation shall be required prior to engineering and design development or structural and/or substantial rehabilitation of structures identified under Risk Class I &amp; II, e.g., public facilities, as identified below:</p> <p>Risk Class I &amp; II, Structures Critically Needed after Disaster: Structures which are critically needed after a disaster include important utility centers, fire stations, police stations, emergency communication facilities, hospitals, and critical infrastructure elements such as bridges and overpasses, water storage reservoirs, and smaller dams.</p> <p>Acceptable Damage: Minor non-structural; facility should remain operational and safe, or be suitable for quick restoration of service.</p> <p>Risk Class III: High occupancy structures; uses are required after disasters, i.e., places of assembly such as schools and churches.</p> <p>Acceptable Damage: Some impairment of function acceptable; structure needs to remain operational.</p> <p>Risk Class IV, Ordinary Risk Tolerance: The vast majority of structures in urban areas; most commercial and industrial buildings, small hotels and apartment buildings, and single family residences.</p>	<p>Documentation demonstrating compliance with this measure shall be provided to the District prior to constructing any new structures or modifying/rehabilitating any existing structures.</p>	<p>A copy of the documentation shall be retained in the project file. Verification of implementation of the structural design requirements shall be based on field inspections by District inspection personnel that verify the measure is being implemented during construction. Field notes documenting verification shall be retained in the project file.</p>

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<p>Acceptable Damage: An "ordinary" degree of risk should be acceptable. The criteria envisioned by the Structural Engineers Association of California provide the best definition of the "ordinary" level of acceptable risk. These criteria require that structures be able to:</p> <ul style="list-style-type: none"> <li>a. Resist minor earthquakes without damage;</li> <li>b. Resist moderate earthquakes without structural damage, but with some non-structural damage; or</li> <li>c. Resist major earthquakes, of the intensity or severity of the strongest experienced in California, without collapse, but with some structural, as well as non-structural damage.</li> </ul> <p>Risk Class V, moderate to High Tolerance: Open space uses, such as farms, ranches and parks without high occupancy structures; warehouses with low intensity employment; and the storing of non-hazardous materials.</p> <p>Acceptable Damage: Not applicable.</p>			
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<p><b>Geology and Soils</b></p> <p>VI-2 Stored backfill material shall be covered with water resistant material during periods of heavy precipitation to reduce the potential for rainfall erosion of stored backfill material. If covering is not feasible, then measures such as the use of straw bales or sand bags shall be used to capture and hold eroded material on the project site for future cleanup.</p>	<p>These measures shall be identified in the project Stormwater Pollution Prevention Plan (SWPPP) and implemented during construction.</p>		<p>A copy of the SWPPP shall be retained in the project file. Verification of implementation shall be based on field inspections by District inspection personnel that verify the SWPPP BMPs have been implemented as required in this measure. Field notes documenting verification shall be retained in the project file.</p>
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<p><b>Geology and Soils</b> VI-3 Excavated areas shall be properly backfilled and compacted. Paved areas disturbed by this project will be repaved in such a manner that roadways and other disturbed areas are returned to as near the pre-project condition as is feasible.</p>	<p>These measures shall be identified in the project Stormwater Pollution Prevention Plan (SWPPP) and implemented during construction.</p>	<p>A copy of the SWPPP shall be retained in the project file. Verification of implementation shall be based on field inspections by District inspection personnel that verify the SWPPP BMPs have been implemented as required in this measure. Field notes documenting verification shall be retained in the project file.</p>	
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<p><b>Geology and Soils</b> VI-4 All exposed, disturbed soil (trenches, stored backfill, etc.) will be sprayed with water or soil binders twice a day or more frequently if fugitive dust is observed migrating from the site within which the water facilities are being installed.</p>	<p>These measures shall be identified in the project Stormwater Pollution Prevention Plan (SWPPP) and implemented during construction.</p>	<p>A copy of the SWPPP shall be retained in the project file. Verification of implementation shall be based on field inspections by District inspection personnel that verify the SWPPP BMPs have been implemented as required in this measure. Field notes documenting verification shall be retained in the project file.</p>	
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<p><b>Geology and Soils</b> VI-5 The length of trench which can be left open at any given time will be limited to that needed to reasonable perform construction activities. This will serve to reduce the amount of backfill stored onsite at any given time.</p>	<p>These measures shall be identified in the project Stormwater Pollution Prevention Plan (SWPPP) and implemented during construction.</p>	<p>A copy of the SWPPP shall be retained in the project file. Verification of implementation shall be based on field inspections by District inspection personnel that verify the SWPPP BMPs have been implemented as required in this measure. Field notes documenting verification shall be retained in the project file.</p>	
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<p><b>Geology and Soils</b> VI-6 The District shall identify any additional BMPs to ensure that the discharge of surface water does not cause erosion downstream of the discharge point. This shall be accomplished by reducing the energy of any site discharge through an artificial energy dissipator or equivalent device. If any substantial erosion or sedimentation occurs, any erosion or sedimentation damage shall be restored to pre-discharge conditions.</p>	<p>These measures shall be identified in the project Stormwater Pollution Prevention Plan (SWPPP) and implemented during construction.</p>	<p>A copy of the SWPPP shall be retained in the project file. Verification of implementation shall be based on field inspections by District inspection personnel that verify the SWPPP BMPs have been implemented as required in this measure. Field notes documenting verification shall be retained in the project file.</p>	
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<p><b>Hazards and Hazardous Materials</b> VIII-1 All spills or leakage of petroleum products during construction activities will be remediated in compliance with applicable state and local regulations regarding cleanup and disposal of the contaminant released. The contaminated waste will be collected and disposed of at an appropriately licensed disposal or treatment facility. This measure will be incorporated into the SWPPP prepared for the Project development.</p>	<p>These measures shall be identified in the project Stormwater Pollution Prevention Plan (SWPPP) and implemented during construction.</p>	<p>A copy of the SWPPP shall be retained in the project file. Verification of implementation shall be based on field inspections by District inspection personnel that verify the SWPPP BMPs have been implemented as required in this measure. Field notes documenting verification shall be retained in the project file.</p>				
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<p><b>Hazards and Hazardous Materials</b> VIII-2 The District shall sample the water from George's well at least (once a month) for excessive CR+6, PCE, nitrate and TCE levels. Levels must not exceed applicable thresholds (Safe Drinking Water Act, etc.) for safe drinking water in order for water from George's well to be drawn and blended into the District's water supply.</p>	<p>During operations the monthly samples shall be tested and any measures required to treat water to meet potable water standards shall be documented.</p>	<p>A copy of all tests shall be retained in the project file and documentation of any management measures, such as treatment or blending, shall be retained in the project file.</p>				
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<p><b>Hydrology and Water Quality</b></p> <p>IX-1 The District shall require that the construction contractor prepare and implement a Storm Water Pollution Prevention Plan (SWPPP) which specifies Best Management Practices (BMPs) that will prevent all construction pollutants from contacting stormwater and with the intent of keeping all products of erosion from moving offsite into receiving waters. The SWPPP shall include a Spill Prevention and Cleanup Plan that identifies the methods of containing, cleanup, transport and proper disposal of hazardous chemicals or materials released during construction activities that are compatible with applicable laws and regulations. BMPs to be implemented in the SWPPP may include but not be limited to:</p> <ul style="list-style-type: none"> <li>• The use of silt fences;</li> <li>• The use of temporary stormwater desilting or retention basins;</li> <li>• The use of water bars to reduce the velocity of stormwater runoff;</li> <li>• The use of wheel washers on construction equipment leaving the site;</li> <li>• The washing of silt from public roads at the access point to the site to prevent the tracking of silt and other pollutants from the site onto public roads;</li> <li>• The storage of excavated material shall be kept to the minimum necessary to efficiently perform the construction activities required. Excavated or stockpiled material shall not be stored in water courses or other areas subject to the flow of surface water; and</li> <li>• Where feasible, stockpiled material shall be covered with waterproof material during rain events to control erosion of soil from the stockpiles.</li> </ul>	<p>The SWPPP shall be completed prior to initiating construction and implemented during construction.</p>		<p>A copy of the SWPPP shall be retained in the project file. Verification of implementation shall be based on field inspections by District inspection personnel that verify the SWPPP BMPs have been implemented as required in this measure. Field notes documenting verification shall be retained in the project file.</p>
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<p><b>Hydrology and Water Quality</b> IX-2 The project would be unable to comply with this requirement, so prior to discharge of fill or streambed alteration of any channel along the project's alternative alignment, the District shall obtain a mandatory regulatory permit from the California Department of Fish and Wildlife, and may be requested to obtain waste discharge requirements from the California Regional Water Quality Control Board Lahontan Region. Mitigation can be provided by purchasing into any authorized mitigation bank; by selecting a site of comparable acreage near the site and enhancing it with a native riparian habitat or invasive species removal in accordance with a habitat mitigation plan approved by regulatory agency requirements. Typically, regulatory agencies require mitigation for jurisdictional waters without any riparian or wetland habitat to be mitigated at a 1:1 ratio. The channels identified in Appendix 2b do not contain riparian or wetland habitat, thus, if the District selects this alternative the ratio will be 1:1. The roadway will be returned to a functional condition after the pipeline is installed in the roadways identified in Appendix 2b. The agencies can impose greater mitigation requirements in their permits, but the District will require the utilization of the ratio outlined above as the minimum required to offset or compensate for impacts to jurisdictional waters.</p>	<p>If necessary, the SAA and Regional Board permits shall be obtained prior to ground disturbance within the jurisdictional area and the conditions of the SAA shall be implemented as defined in the SAA.</p>	<p>A copy of the SAA and Regional Board permits shall be retained in the project file, and verification that all conditions have been implemented shall be retained in the project file.</p>				
				Source	Responsible Party	Status / Date / Initials
				Initial Study	Phelan Piñon Hills CSD	

Mitigation Measure	Implementation Schedule	Verification				
<p><b>Hydrology and Water Quality</b> IX-3 When the pipeline constructed over an existing channel is completed, the roadways or areas of vegetation must be returned to their original condition, or better than currently exists.</p>	<p>This measure shall be completed after the pipeline is installed.</p>	<p>Verification that restoration has been implemented where an existing channel exists shall be retained in the project file.</p>				
				Source	Responsible Party	Status / Date / Initials
				Initial Study	Phelan Piñon Hills CSD	

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Mitigation Measure	Implementation Schedule	Verification	
<p><b>Noise</b> XII-1 During future construction activities with heavy equipment within 300 feet of occupied residences, vibration field tests should be conducted at the nearest occupied residences. To the extent feasible, if vibrations exceed 72 VdB, the construction activities shall be revised to reduce vibration below this threshold.</p>	<p>This measure shall be implemented during construction within 300 feet of an occupied residence.</p>	<p>The District shall document the alternative construction methods used to minimize vibrations.</p>	
	Source	Responsible Party	Status / Date / Initials
	Initial Study	Phelan Piñon Hills CSD	

Mitigation Measure	Implementation Schedule	Verification	
<p><b>Noise</b> XII-2 The well and booster pump station shall have noise levels attenuated to 50 dBA CNEL at the nearest sensitive noise receptor location.</p>	<p>This measure shall be incorporated into the design of well and booster pump stations during design and the design shall be implemented during construction.</p>	<p>Documentation that the well and booster pump housing design attenuates noise to the identified level shall be incorporated into the project file. The District shall verify that the design has been installed in accordance with engineering design.</p>	
	Source	Responsible Party	Status / Date / Initials
	Initial Study	Phelan Piñon Hills CSD	

Mitigation Measure	Implementation Schedule	Verification	
<p><b>Noise</b> XII-3 The District shall use noise reducing barriers and other devices to reduce exterior noise levels at the nearest sensitive receptor to 60 CNEL or less during the night-time construction hours (in the event that any emergency night-time construction hours become necessary) and 65 CNEL or less during the daytime construction hours.</p>	<p>This measure shall be implemented during construction and included in the contract with the construction contractor.</p>	<p>District personnel shall verify that noise has been attenuated to the levels identified in this measure. The verification shall be retained in the project file.</p>	
	Source	Responsible Party	Status / Date / Initials
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<p><b>Noise</b> XII-4 No construction activities shall occur during the hours of 6 pm through 7 am, Monday through Saturday and at no time shall construction activities occur on Sundays or holidays, unless a declared emergency exists.</p>	This measure shall be implemented during construction and included in the contract with the construction contractor	District personnel shall verify that construction activities comply with this requirement. The verification shall be retained in the project file.	
	Source	Responsible Party	Status / Date / Initials
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Mitigation Measure	Implementation Schedule	Verification	
<p><b>Noise</b> XII-5 The District shall establish a noise complaint response program and shall respond to any noise complaints received for this Project by measuring noise levels at the affected receptor site. If the noise level exceeds an Ldn of 60 dBA exterior or an Ldn of 45 dBA interior at the receptor, the applicant will implement adequate measures (which may include portable sound attenuation walls, use of quieter equipment, shift of construction schedule to avoid the presence of sensitive receptors, etc.) to reduce noise levels to the greatest extent feasible.</p>	This measure shall be implemented during construction and included in the contract with the construction contractor	District personnel shall verify that construction activities comply with this requirement. The verification shall be retained in the project file.	
	Source	Responsible Party	Status / Date / Initials
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Mitigation Measure	Implementation Schedule	Verification	
<p><b>Noise</b> XII-6 The District will require that all construction equipment be operated with mandated noise control equipment (mufflers or silencers). Enforcement will be accomplished by random field inspections by applicant personnel during construction activities.</p>	This measure shall be implemented during construction and included in the contract with the construction contractor	District personnel shall verify that construction activities comply with this requirement. The verification shall be retained in the project file.	
	Source	Responsible Party	Status / Date / Initials
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<b>Noise</b> XII-7 Equipment not in use for five minutes shall be shut off.	This measure shall be implemented during construction and included in the contract with the construction contractor	District personnel shall verify that construction activities comply with this requirement. The verification shall be retained in the project file.	
	Source	Responsible Party	Status / Date / Initials
	Initial Study	Phelan Piñon Hills CSD	

Mitigation Measure	Implementation Schedule	Verification	
<b>Noise</b> XII-8 Equipment shall be maintained and operated such that loads are secured from rattling or banging.	This measure shall be implemented during construction and included in the contract with the construction contractor	District personnel shall verify that construction activities comply with this requirement. The verification shall be retained in the project file.	
	Source	Responsible Party	Status / Date / Initials
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Mitigation Measure	Implementation Schedule	Verification	
<b>Noise</b> XII-9 Where available, electric-powered equipment shall be used rather than diesel equipment and hydraulic-powered equipment shall be used instead of pneumatic power.	This measure shall be implemented during construction and included in the contract with the construction contractor	District personnel shall verify that construction activities comply with this requirement. The verification shall be retained in the project file.	
	Source	Responsible Party	Status / Date / Initials
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Mitigation Measure	Implementation Schedule	Verification	
<b>Noise</b> XII-10 Construction employees shall be trained in the proper operation and use of equipment consistent with these mitigation measures, including no unnecessary revving of equipment.	This measure shall be implemented during construction and included in the contract with the construction contractor	District personnel shall verify that construction activities comply with this requirement. The verification shall be retained in the project file.	
	Source	Responsible Party	Status / Date / Initials
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Mitigation Measure	Implementation Schedule	Verification	
<b>Noise</b> XII-11 No radios or other sound equipment shall be used at this site unless required for emergency response by the contractor.	This measure shall be implemented during construction and included in the contract with the construction contractor	District personnel shall verify that construction activities comply with this requirement. The verification shall be retained in the project file.	
	Source	Responsible Party	Status / Date / Initials
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Mitigation Measure	Implementation Schedule	Verification	
<b>Noise</b> XII-12 Public notice shall be given prior to initiating construction. This notice shall be provided to all property owners/residents within 300 feet of the project site and shall be provided to property owners/residents at least one week prior to initiating construction. The notice shall identify the dates of construction and the name and phone number of a construction supervisor (contact person) in case of complaints. One contact person shall be assigned to the project. The public notice shall encourage the adjacent residents to contact the supervisor in the case of a complaint. Resident's would be informed if there is a change in the construction schedule. The supervisor shall be available 24/7 throughout construction by mobile phone. If a complaint is received, the contact person shall take all feasible steps to remove the sound source causing the complaint.	The public notice shall be provided to affected noise receptors within the construction area of potential effect. All responses shall be documented as they occur.	District personnel shall verify that the notice has been provided and retain a copy of the notice in the project file. The verification that all responses have been documented shall be retained in the project file.	
	Source	Responsible Party	Status / Date / Initials
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Mitigation Measure	Implementation Schedule	Verification	
<p><b>Transportation / Traffic</b> XVI-1 The construction contractor will provide adequate traffic management resources, as determined by the County of San Bernardino. The District shall require a construction traffic management plan for work in public roads that complies with the Work Area Traffic Control Handbook, or other applicable standard, to provide adequate traffic control and safety during excavation activities. The traffic management plan shall be prepared and approved by the County prior to initiation of excavation or pipeline construction. At a minimum this plan shall include how to minimize the amount of time spent on construction activities; how to minimize disruption of vehicle and alternative modes of transport traffic at all times, but particularly during periods of high traffic volumes; how to maintain safe traffic flow on local streets affected by construction at all times, including through the use of adequate signage, protective devices, flag persons or police assistance to ensure that traffic can flow adequately during construction; the identification of alternative routes that can meet the traffic flow requirements of a specific area, including communication (signs, webpages, etc.) with drivers and neighborhoods where construction activities will occur; and at the end of each construction day roadways shall be prepared for continued utilization without any significant roadway hazards remaining.</p>	<p>The traffic management plan shall be completed prior to initiating construction and implemented during construction activities.</p>	<p>A copy of the traffic management plan shall be retained in the project file and the District staff shall verify that the management measures are implemented concurrent with potential impacts. Verification shall be retained in the project file.</p>	
	<b>Source</b>	<b>Responsible Party</b>	<b>Status / Date / Initials</b>
	Initial Study	Phelan Piñon Hills CSD	

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Mitigation Measure	Implementation Schedule	Verification
<p><b>Transportation / Traffic</b> XVI-2 The District shall require that all disturbances to public roadways be repaired in a manner that complies with the Standard Specifications for Public Works Construction (green book) or other applicable County of San Bernardino standards design requirements.</p>	<p>This measure shall be included in the construction contract and implemented during construction.</p>	<p>A copy of the construction contract shall be retained in the project file. Verification of implementation shall be based on field inspections by District inspection personnel that verify this traffic maintenance measure has been implemented as required in this measure. Field notes documenting verification shall be retained in the project file.</p>
	<b>Source</b>	<b>Responsible Party</b>
	Initial Study	Phelan Piñon Hills CSD
		<b>Status / Date / Initials</b>