

MITIGATION MONITORING AND REPORTING PLAN

American Valley Wastewater Treatment Plant and Effluent Disposal Project



APRIL 2020

PREPARED FOR:
American Valley
Community Services District
900 Spanish Creek Road
Quincy, CA 95971



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Mitigation Monitoring and Reporting Plan

Prepared for:

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900 Spanish Creek Road
Quincy, CA 95971

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MITIGATION MONITORING AND REPORTING PLAN

INTRODUCTION

Public Resources Code section 21081.6 and section 15097 of the California Environmental Quality Act (CEQA) Guidelines require public agencies to establish monitoring or reporting programs for projects approved by a public agency whenever approval involves the adoption of either a mitigated negative declaration or specified environmental findings related to environmental impact reports.

In February 2017, the Quincy Community Services District (QCSD) adopted the Quincy Wastewater Treatment Plant and Effluent Disposal Project Initial Study/Mitigated Negative Declaration (2017 IS/MND) and Mitigation Monitoring and Reporting Plan (2017 MMRP) (QCSD 2017). The 2017 IS/MND evaluated the environmental impacts of improving the wastewater treatment and effluent disposal capabilities of the Quincy Wastewater Treatment Plant (WWTP) in order to comply with Central Valley Regional Water Quality Control Board (Central Valley RWQCB) requirements.

In January 2018, the American Valley Community Services District (AVCSD) was formed after the consolidation and dissolution of the QCSD and the East Quincy Services District (EQSD) (Resolution 2017-0006 of the Plumas Local Agency Formation Commission). Upon dissolution, all QCSD and EQSD assets and services were transferred to the newly formed AVCSD, including the Quincy WWTP, now referred to as the American Valley WWTP. AVCSD has since refined the design details of the proposed American Valley WWTP and Effluent Disposal Project (project). Based on review of the project as now proposed and in accordance with Section 15164 of the State California Environmental Quality Act (CEQA) Guidelines, AVCSD prepared and approved an Addendum (2020 Addendum) that documents how the project as currently proposed would not result in any new or substantially more severe environmental impacts compared to those evaluated in the 2017 IS/MND. The 2020 Addendum identified several new mitigation measures that apply to the project as now proposed and one mitigation measure included in the 2017 MMRP that no longer would apply to the project.

The following is the updated Mitigation Monitoring and Reporting Plan for the project (2020 MMRP). The intent of the 2020 MMRP is to incorporate, track, and successfully implement the new mitigation measures identified in the 2020 Addendum, along with the previously adopted mitigation measures that still apply to the project.

As described in the 2020 Addendum, certain project components are not currently planned and would not be constructed in the near term. These components, including a solar photovoltaic power generation facility, a filtration system, a UV disinfection system, and improvements to the land disposal system, would be implemented sometime in the future as part of separate construction contracts. As such, the 2020 MMRP contains two tables. Table 1 applies to the near-term improvements and Table 2 applies to future work.

MITIGATION MEASURES

The mitigation measures described herein are taken from the 2020 Addendum (AVCSD 2020), the 2017 MMRP (QCSD 2017) and the Finding of No Significant Effect adopted in 2017 (2017 FONSI) by the U.S. Department of Agriculture, Rural Utilities Service (USDA-RUS 2017) after issuing the 2017 IS as its Environmental Assessment in compliance with the National Environmental Protection Act, and are assigned the same numbers as used in these documents.

This 2020 MMRP describes the actions that must take place to implement each mitigation measure, the timing of those actions, and the entities responsible for implementing and monitoring the actions.

MMRP COMPONENTS

Table 1, which contains the mitigation measures applicable to the near-term improvements, and Table 2, which contains the mitigation measures applicable to future work, each include the table columns identified and described below:

Mitigation Measure: Provides all mitigation measures identified in the 2020 Addendum along with the applicable mitigation measures identified in the 2017 MMRP and the 2017 FONSI, each of which has been adopted and incorporated into the project as now proposed.

Action(s): For every mitigation measure, one or more actions are described. The actions delineate the means by which the mitigation measures will be implemented, and, in some instances, the criteria for determining whether a measure has been successfully implemented. Where mitigation measures are particularly detailed, the action may refer back to the measure.

Implementing Party: This item identifies the entity that is responsible for undertaking the required action.

Timing: Implementation of the action must occur prior to or during some part of project approval, project design or project construction, or on an ongoing basis. The timing for each measure is identified.

Completion of Implementation: AVCS D is responsible for ensuring that mitigation measures are successfully implemented. The "Completion of Implementation" column is to be used by AVCS D to indicate when implementation of a mitigation measure has been completed. AVCS D, at its discretion, may delegate implementation responsibility or portions thereof to qualified consultants or contractors.

REFERENCES

- American Valley Community Services District. 2020 (March). Final Environmental Checklist and Addendum for the American Valley Wastewater Treatment Plant and Effluent Disposal. Prepared by Ascent Environmental, Inc., Sacramento, CA.
- AVCS D. See American Valley Community Services District.
- Quincy Community Services District. 2016 (December). Quincy Wastewater Treatment Plant and Effluent Disposal Project Initial Study/Proposed Mitigated Negative Declaration. Prepared by ENPLAN, Redding, CA.
- QSCD. See Quincy Community Services District
- USDA-RUS. See U.S. Department of Agriculture, Rural Utilities Service.
- U.S. Department of Agriculture, Rural Utilities Service. 2017 (August). Quincy-East Quincy Wastewater Treatment Plant Improvements, Plumas, CA. Prepared by J. Michael Colbert, Community Programs Specialist, USDA Rural Development.

Table 1 American Valley Wastewater Treatment Plant and Effluent Disposal Project Mitigation Monitoring and Reporting Plan for Near-Term Improvements

Mitigation Measures	Actions(s)	Implementing Party	Timing	Completion of Implementation
<p>Mitigation Measure 4.2 (2017 MMRP) To avoid the introduction and spread of noxious weeds, the AVCSD shall implement the following measures:</p> <ul style="list-style-type: none"> ▶ Educate construction supervisors and managers on weed identification and the importance of controlling and preventing the spread of noxious weed infestations. ▶ Clean construction equipment immediately prior to transporting off the project site. An Agricultural Commissioner staff person shall inspect the equipment before it leaves the site. ▶ Seed all disturbed areas outside of the improved land disposal area with certified weed-free native mixes. Mulch with certified weed-free mulch. 	<p>BC Confirm mitigation measure is included in construction contract.</p> <p>DC Confirm construction supervisors and managers have been educated on weed identification and control.</p> <p>AC Verify that Agricultural Commissioner staff have inspected the equipment prior to leaving the site. Field check to confirm all disturbed areas are seeded as described in the mitigation measure.</p>	<p>AVCSD</p>	<p>BC One-time check of construction contract.</p> <p>DC One-time check of documentation to confirm education of construction supervisors and managers on weeds.</p> <p>AC Check documentation as needed to confirm that inspection of equipment has occurred. One-time field verification/check documentation to confirm all disturbed areas are seeded.</p>	
<p>Mitigation Measure 4.3 (2017 MMRP) To ensure that active nests of migratory birds are not disturbed, vegetation removal and construction activities shall occur between August 31 and March 1, if feasible. If vegetation removal or construction must occur during the nesting season, a nesting survey shall be conducted by a qualified biologist to identify active nests in and adjacent to the work area. The survey shall be conducted no more than one week prior to the initiation of vegetation removal or construction. If nesting birds are found, the nest sites shall not be disturbed until after the young have fledged. Further, to prevent nest abandonment and mortality of chicks and eggs, no vegetation removal or construction activities shall occur within 500 feet of an active nest, unless a smaller buffer zone is authorized by the California Department of Fish and Wildlife and the U.S. Fish and Wildlife Service (the size of the construction buffer zone may vary depending on the species of nesting birds present).</p>	<p>BC Confirm mitigation measure is included in construction contract. If vegetation removal or construction must occur between March 1 and August 31, check pre-construction survey report provided by biologist regarding the presence/absence of active nests.</p> <p>DC If active nests are present, inspect project area to verify applicable buffers are maintained until after the young birds have fledged.</p>	<p>AVCSD</p>	<p>BC One-time check of construction contract. One-time check of biologist's documentation.</p> <p>DC Field check on a weekly basis until the birds have fledged to confirm that buffers are maintained.</p>	

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Table 1 American Valley Wastewater Treatment Plant and Effluent Disposal Project Mitigation Monitoring and Reporting Plan for Near-Term Improvements

Mitigation Measures	Actions(s)	Implementing Party	Timing	Completion of Implementation
<p>Mitigation Measure 4.6d (2020 Addendum)</p> <p>Prior to initiation of staging activities within the proposed staging area adjacent to Spanish Creek, the following measure will be implemented to avoid inadvertent adverse effects to riparian habitat associated with Spanish Creek:</p> <ul style="list-style-type: none"> ▶ The applicant will obtain a qualified biologist to flag or otherwise demarcate (e.g., wooden stakes with flags attached) the edge of the riparian habitat (i.e., the drip line) adjacent to the proposed staging area. No storage of material or equipment or operation of vehicles or equipment will occur within the flagged area. Construction personnel will avoid entering the flagged area. The demarcated no-disturbance area will be included in project plans so that construction personnel are aware of these requirements. The flagging will be maintained by the applicant throughout the time that the proposed staging area is used for construction staging purposes. 	<p>BC</p> <p>A qualified biologist shall flag the edge of the riparian habitat adjacent to the proposed staging area.</p>	<p>AVCSD</p>	<p>BC</p> <p>One time prior to initiation of staging activities within the proposed staging area adjacent to Spanish Creek.</p>	
<p>Mitigation Measure 4.7-2 (2017 FONSI)</p> <p>In the event of any inadvertent discovery of archaeological or paleontological resources (i.e., burnt animal bone, midden soils, projectile points or other humanly-modified lithics, historic artifacts, fossils, etc.), all such finds shall be subject to PRC §21083.2 and CEQA Guidelines §15064.5. Procedures for inadvertent discovery include the following:</p> <ul style="list-style-type: none"> ▶ If the find is an archaeological resource, all work within 50 feet of the find shall be halted until a professional archaeologist can evaluate the significance of the find in accordance with NRHP and CRHR criteria. ▶ If the find is a paleontological resource, all work within 50 feet of the find shall be halted until a professional paleontologist can evaluate the significance of the resource. ▶ If any find is determined to be significant by the archaeologist, or paleontologist as appropriate, then representatives of the County shall meet with the archaeologist, or paleontologist, to determine the appropriate course of action. If necessary, a Treatment Plan prepared by an archaeologist (or paleontologist), outlining recovery of the resource, analysis, and reporting of the find shall be prepared. The Treatment Plan shall be reviewed and approved by the County prior to resuming construction. 	<p>BC</p> <p>Confirm mitigation measure is included in construction contract.</p> <p>DC</p> <p>If any archaeological or paleontological resources are encountered, confirm all construction activities stop within the affected area and a qualified archaeologist and/or paleontologist is contracted.</p>	<p>AVCSD</p>	<p>BC</p> <p>One time check of construction contract.</p> <p>DC</p> <p>Field check as needed to confirm temporary construction stoppage within buffer zone.</p> <p>The archeologist or paleontologist shall specify the timing/frequency of additional monitoring, as appropriate.</p>	
<p>Mitigation Measure 5.3 (2017 MMRP)</p> <p>If any human remains are encountered during any phase of construction, all earth-disturbing work shall stop within 50 feet of the find. The county coroner shall be contacted to determine whether investigation of the cause of death is required as well as to determine whether the remains may be Native American in origin. Should Native American remains be discovered, the county coroner must contact the Native American Heritage Commission (NAHC). The NAHC will then determine</p>	<p>BC</p> <p>Confirm mitigation measure is included in construction contract.</p> <p>DC</p>	<p>AVCSD</p>	<p>BC</p> <p>One-time check of construction contract.</p> <p>DC</p>	

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Table 1 American Valley Wastewater Treatment Plant and Effluent Disposal Project Mitigation Monitoring and Reporting Plan for Near-Term Improvements

Mitigation Measures	Actions(s)	Implementing Party	Timing	Completion of Implementation
<p>those persons it believes to be most likely descended from the deceased Native American(s). Together with representatives of the people of most likely descent, a qualified archaeologist shall make an assessment of the discovery and recommend/implement mitigation measures as necessary.</p>	<p>If any human remains are encountered, confirm all construction activities stop within the affected area and that a qualified archaeologist and the county coroner are contacted. If human remains are recognized as Native American, additional monitoring requirements may be specified by the archaeologist in consultation with representatives of the people of most likely descent.</p>		<p>Field check as needed to confirm temporary construction stoppage within buffer zone. The archeologist shall specify the timing/frequency of additional monitoring, as appropriate.</p>	
<p>Mitigation Measure 12.1 (2017 MMRP) Construction work associated with the proposed project shall be limited to weekdays between the hours of 7:00 a.m. and 5:00 p.m., and on weekends and federally recognized holidays between the hours of 8:00 a.m. and 5 p.m., to the extent feasible; possible exceptions to this condition would be time-sensitive operations such as extended, continuous concrete pours, or to alleviate traffic congestion and safety hazards. Exceptions are subject to approval by the AVCSD General Manager or his/her designee.</p>	<p>BC Confirm mitigation measure is included in construction contract. DC Field check to confirm adherence to mitigation measure.</p>	<p>AVCSD</p>	<p>BC One-time check of construction contract. DC Field check as needed to confirm adherence to mitigation measure.</p>	

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Table 2 American Valley Wastewater Treatment Plant and Effluent Disposal Project Mitigation Monitoring and Reporting Plan for Future Work

Mitigation Measures	Actions(s)	Implementing Party	Timing	Completion of Implementation
<p>Mitigation Measure 1.1 (2017 MMRP) If installed, the proposed solar photovoltaic panels shall be coated with an anti-glare material. Final plans shall be removed by the Plumas County Airport Land Use Commission.</p>	<p>BC Confirm mitigation measure is included in construction contract. Confirm final plans are reviewed by the Plumas County Airport Land Use Commission.</p>	<p>AVCSD</p>	<p>BC One-time check of construction contract. One-time check of review documentation.</p>	
<p>Mitigation Measure 4.2 (2017 MMRP) To avoid the introduction and spread of noxious weeds, the AVCSD shall implement the following measures:</p> <ul style="list-style-type: none"> ▶ Educate construction supervisors and managers on weed identification and the importance of controlling and preventing the spread of noxious weed infestations. ▶ Clean construction equipment immediately prior to transporting off the project site. An Agricultural Commissioner staff person shall inspect the equipment before it leaves the site. ▶ Seed all disturbed areas outside of the improved land disposal area with certified weed-free native mixes. Mulch with certified weed-free mulch. 	<p>BC Confirm mitigation measure is included in construction contract. DC Confirm construction supervisors and managers have been educated on weed identification and control. AC Verify that Agricultural Commissioner staff have inspected the equipment prior to leaving the site. Field check to confirm all disturbed areas are seeded as described in the mitigation measure.</p>	<p>AVCSD</p>	<p>BC One-time check of construction contract. DC One-time check of documentation to confirm education of construction supervisors and managers on weeds. AC Check documentation as needed to confirm that inspection of equipment has occurred. One-time field verification/check documentation to confirm all disturbed areas are seeded.</p>	
<p>Mitigation Measure 4.3 (2017 MMRP) To ensure that active nests of migratory birds are not disturbed, vegetation removal and construction activities shall occur between August 31 and March 1, if feasible. If vegetation removal or construction must occur during the nesting season, a nesting survey shall be conducted by a qualified biologist to identify active nests in and adjacent to the work area. The survey shall be conducted no more than one week prior to the initiation of vegetation removal or construction. If nesting birds are found, the nest sites shall not be disturbed until after the young have fledged. Further, to prevent nest abandonment and mortality of chicks and eggs, no vegetation removal or construction activities shall occur within 500 feet of an active nest, unless a smaller buffer zone is authorized by the California Department of Fish and Wildlife and the U.S. Fish and Wildlife Service</p>	<p>BC Confirm mitigation measure is included in construction contract. If vegetation removal or construction must occur between March 1 and August 31, check pre-construction survey report provided by biologist regarding the presence/absence of active nests.</p>	<p>AVCSD</p>	<p>BC One-time check of construction contract. One-time check of biologist's documentation. DC Field check on a weekly basis until the birds have fledged to</p>	

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Table 2 American Valley Wastewater Treatment Plant and Effluent Disposal Project Mitigation Monitoring and Reporting Plan for Future Work

Mitigation Measures	Actions(s)	Implementing Party	Timing	Completion of Implementation
(the size of the construction buffer zone may vary depending on the species of nesting birds present).	DC If active nests are present, inspect project area to verify applicable buffers are maintained until after the young birds have fledged.		confirm that buffers are maintained.	
<p>Mitigation Measure 4.4 (2020 Addendum) Prior to ground disturbance activities associated with future pasture improvements in the AVCSO-owned pasture areas southeast of the WWTP, a qualified wildlife biologist will conduct surveys to identify any American badger burrows/dens. These surveys will be conducted not more than 15 days prior to the start of construction. If occupied burrows are not found, further mitigation will not be required. If occupied burrows are found, impacts on active badger dens will be avoided by establishing exclusion zones around all active badger dens, within which construction-related activities will be prohibited until denning activities are complete or the den is abandoned. A qualified biologist will monitor each den once per week to track the status of the den and to determine when a den area has been cleared for construction.</p>	BC A qualified wildlife biologist will conduct surveys to identify any American badger burrows/dens. If occupied burrows are found, establish exclusion zones.	AVCSO	BC One-time survey 15 days prior to construction. If occupied burrows are found, monitor each den once per week.	
<p>Mitigation Measure 4.5 (2020 Addendum)</p> <ul style="list-style-type: none"> ▶ Prior to ground disturbing activities associated with future pasture improvements in the AVCSO-owned pasture areas southeast of the WWTP, and during the blooming period for the special-status plant species with potential to occur on the site (see Table 5-2 from the 2017 IS/MND reproduced below), a qualified botanist shall conduct protocol-level surveys for special-status plants following survey methods from CDFW's Protocols for Surveying and Evaluating Impacts on Special Status Native Plant Populations and Natural Communities (CDFW 2018b). ▶ If special-status plants are not found, the botanist shall document the findings in a letter report to CDFW and/or USFWS and the project proponent, and no further mitigation will be required. ▶ If special-status plant species are found, the plant will be avoided completely (e.g., through establishment of buffers) to avoid take, if possible. If special-status plant species are found that cannot be avoided during construction, the project proponent would consult with CDFW and/or USFWS, as appropriate depending on species status, to determine the appropriate conservation measures to address direct and indirect impacts that could occur as a result of construction-type activities and would implement the agreed-upon conservation measures to achieve no net loss of occupied habitat or individuals. Conservation measures may include preserving and enhancing existing populations, creation of off-site populations on mitigation sites through seed collection or transplantation, and/or restoring or creating suitable habitat in sufficient quantities to achieve no net loss of occupied habitat and/or individuals. A conservation plan would be developed describing how unavoidable losses of special-status plants would be compensated. 	BC A qualified botanist will conduct protocol-level surveys for special-status plants. If special-status plant species are found, the plant will be avoided completely if possible. If avoidance is not possible, the project proponent would consult with CDFW and/or USFWS, as appropriate.	AVCSO	BC One-time survey during the blooming period for the special-status plant species.	

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Table 5-2 Normal Blooming Period for Special-Status Plants that May Occur within the Project Site

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Woolly-fruited sedge												
Mud sedge												
Pointed broom sedge												
Sheldon's sedge												
English sundew												
Yellow willowherb												
Nuttall's ribbon-leaved pondweed												
White beaked-rush												
Brownish beaked-rush												
Rocky Mountains Canada goldenrod												
Hairy marsh hedge-nettle												
Flat-leaved bladderwort												

Source: Data compiled by Ascent Environmental in 2020; CNPS 2020

Table 2 American Valley Wastewater Treatment Plant and Effluent Disposal Project Mitigation Monitoring and Reporting Plan for Future Work

Mitigation Measures	Actions(s)	Implementing Party	Timing	Completion of Implementation
<ul style="list-style-type: none"> ▶ If relocation efforts are part of the conservation plan, the plan would include details on the methods to be used, including collection, storage, propagation, receptor site preparation, installation, long-term protection and management, monitoring and reporting requirements, success criteria, and remedial action responsibilities should the initial effort fail to meet long-term conservation requirements. ▶ Success criteria for preserved and compensatory populations would include: <ul style="list-style-type: none"> ▪ The extent of occupied area and plant density (number of plants per unit area) in compensatory populations would be equal to or greater than the affected occupied habitat. ▪ Compensatory and preserved populations would be self-producing. Populations would be considered self-producing when: <ul style="list-style-type: none"> • plants reestablish annually for a minimum of five years with no human intervention such as supplemental seeding; and 				

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Mitigation Measures	Actions(s)	Implementing Party	Timing	Completion of Implementation
<ul style="list-style-type: none"> • reestablished and preserved habitats contain an occupied area and flower density comparable to existing occupied habitat areas in similar habitat types in the project vicinity. ▪ If off-site conservation includes dedication of conservation easements, purchase of mitigation credits, or other off-site conservation measures, the details of these measures would be included in the conservation plan, including information on responsible parties for long-term management, conservation easement holders, long-term management requirements, success criteria such as those listed above and other details, as appropriate to target the preservation of long term viable populations. 				
<p>Mitigation Measure 4.6a (2020 Addendum)</p> <p>Before any ground disturbing activities within the AVCSD-owned pasture areas southeast of the WWTP, the previously identified 0.2-acre wetland and a 50-foot buffer surrounding the wetland will be flagged or fenced under the direction of the qualified biologist with brightly visible construction flagging and fencing prohibiting access and activities within these areas. Foot traffic by construction personnel will also be limited in these areas.</p>	<p>BC</p> <p>A qualified wildlife biologist will flag or fence the previously identified 0.2-acre wetland and a 50-foot buffer surrounding the wetland.</p>	<p>AVCSD</p>	<p>BC</p> <p>One time prior to ground disturbing activities within the AVCSD-owned pasture areas southeast of the WWTP.</p>	
<p>Mitigation Measure 4.6b (2020 Addendum)</p> <p>If it is determined that fill of these features cannot be avoided, then the following measures will be implemented:</p> <ul style="list-style-type: none"> ▶ Prior to any ground disturbing activities within the AVCSD-owned pasture areas or improvement activities within Clear Stream (e.g., pipelines, road crossings) that could have direct or indirect impacts on waters of the United States, the appropriate Section 404 permit will be obtained. Any waters of the United States that would be affected by project implementation will be replaced or restored on a "no-net-loss" basis in accordance with U.S. Army Corps of Engineers (USACE) mitigation guidelines (or the applicable USACE guidelines in place at the time of construction-type activities). In association with the Section 404 permit (if applicable) and before the issuance of any grading permit, Section 401 Water Quality Certification from the Regional Water Quality Control Board will be obtained. 	<p>BC</p> <p>If the previously identified 0.2-acre wetland cannot be avoided, the appropriate Section 404 permit will be obtained.</p>	<p>AVCSD</p>	<p>BC</p> <p>One time prior to ground disturbing activities within the AVCSD-owned pasture areas southeast of the WWTP.</p>	
<p>Mitigation Measure 4.6c (2020 Addendum)</p> <p>If it is determined that disturbance or fill of Clear Stream cannot be avoided, then the following measures will be implemented to avoid or compensate for the loss or degradation of stream or riparian habitat, maintain consistency with Fish and Game Code Section 1602, and further reduce potential adverse effects on Clear Stream:</p> <ul style="list-style-type: none"> ▶ The applicant will notify CDFW before commencing any activity within the bed, bank, or riparian corridor of any waterway. If activities trigger the need for a Streambed Alteration Agreement, the 	<p>BC</p> <p>If disturbance or fill of Clear Stream cannot be avoided, notify CDFW for a Streambed Alteration Agreement.</p>	<p>AVCSD</p>	<p>BC</p> <p>One time prior to any activity within the bed, bank, or riparian corridor of any waterway.</p>	

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Mitigation Measures	Actions(s)	Implementing Party	Timing	Completion of Implementation
<p>proponent will obtain an agreement from CDFW before the activity commences. The applicant will conduct construction activities in accordance with the agreement, including implementing reasonable measures in the agreement necessary to protect the fish and wildlife resources, when working within the bed or bank of waterways that function as a fish or wildlife resource or in riparian habitats associated with those waterways.</p>				
<p>Mitigation Measure 4.6d (2020 Addendum) Prior to initiation of staging activities within the proposed staging area adjacent to Spanish Creek, the following measure will be implemented to avoid inadvertent adverse effects to riparian habitat associated with Spanish Creek:</p> <ul style="list-style-type: none"> ▶ The applicant will obtain a qualified biologist to flag or otherwise demarcate (e.g., wooden stakes with flags attached) the edge of the riparian habitat (i.e., the drip line) adjacent to the proposed staging area. No storage of material or equipment or operation of vehicles or equipment will occur within the flagged area. Construction personnel will avoid entering the flagged area. The demarcated no-disturbance area will be included in project plans so that construction personnel are aware of these requirements. The flagging will be maintained by the applicant throughout the time that the proposed staging area is used for construction staging purposes. 	<p>BC A qualified biologist shall flag the edge of the riparian habitat adjacent to the proposed staging area.</p>	<p>AVCSD</p>	<p>BC One time prior to initiation of staging activities within the proposed staging area adjacent to Spanish Creek.</p>	
<p>Mitigation Measure 5.1 (2017 MMRP) Before any ground disturbing activities within the AVCSD-owned pasture areas southeast of the WWTP, the AVCSD shall consult with interested Native Americans and the lead federal agency regarding the potential presence and need for protection of buried cultural resources. Depending on the results of the consultation, an Extended Phase I Testing Program and/or archaeological monitoring may be required. At a minimum, a Late Discovery Plan shall be prepared in consultation with the federal lead agency, SHPO, and interested Native Americans, and must be approved by the agencies prior to project construction. The Late Discovery Plan shall define the methodology, roles, and responsibilities should a potentially eligible unanticipated resource (historic or prehistoric) be identified. The Plan shall require that if such a resource is encountered, all ground-disturbing activities shall be halted within a 50-foot radius of the discovery until a qualified archaeologist examines the resource and makes a determination as to its eligibility. A Native American monitoring component may be included in the Late Discovery Plan.</p>	<p>BC Confirm consultation has occurred and that an Extended Phase I Testing Program, archaeological monitoring plan, and/or Late Discovery Plan is prepared. Confirm that any pre-construction requirements presented in the Extended Phase I Testing Program, archaeological monitoring plan, and/or Late Discovery Plan are implemented. DC Confirm that the construction-related conditions of the Extended Phase I Testing Program, archaeological monitoring plan, and/or Late Discovery Plan are adhered to.</p>	<p>AVCSD</p>	<p>BC Prior to ground disturbing activities within the AVCSD-owned pasture areas southeast of the WWTP, check documentation of consultation as needed. One time verification of the Extended Phase I Testing Program, archaeological monitoring plan, and/or Late Discovery Plan. Confirmation that pre-construction requirements have been completed shall be in place prior to initiation of construction. DC</p>	

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Mitigation Measures	Actions(s)	Implementing Party	Timing	Completion of Implementation
			During ground disturbing activities within the AVCSD-owned pasture areas southeast of the WWTP, field check/check documentation as needed to confirm adherence, in accordance with the timing/frequency identified in the documents.	
<p>Mitigation Measure 5.2 (2017 MMRP) Before any ground disturbing activities within the AVCSD-owned pasture areas southeast of the WWTP, a Data Recovery Plan shall be prepared and implemented if a National Register of Historic Resources (NRHP) or California Register of Historic Resources (CRHR) eligible resource is observed, and avoidance is determined to be infeasible. The Data Recovery Plan shall be developed in consultation with AVCSD, the lead federal agency, SHPO, and interested Native Americans. The Data Recovery Plan shall identify the type and extent of excavation needed within the project footprint and the scope of evaluation (obsidian hydration, carbon dating, stratigraphic analysis, etc.) necessary with respect to artifacts encountered. Implementation of the Data Recovery Plan would serve as mitigation for impacts on the cultural resources.</p>	<p>BC Confirm that a Data Recovery Plan has been prepared, if applicable. DC Confirm that the Data Recovery Plan is adhered to, if applicable.</p>	<p>AVCSD</p>	<p>BC Prior to ground disturbing activities within the AVCSD-owned pasture areas southeast of the WWTP, check documentation of consultation as needed. One time verification of a Data Recovery Plan (if prepared). DC During ground disturbing activities within the AVCSD-owned pasture areas southeast of the WWTP, field check/check documentation as needed to confirm adherence to Data Recovery Plan (if prepared).</p>	
<p>Mitigation Measure 5.3 (2017 MMRP) If any human remains are encountered during any phase of construction, all earth-disturbing work shall stop within 50 feet of the find. The county coroner shall be contacted to determine whether investigation of the cause of death is required as well as to determine whether the remains may be Native American in origin. Should Native American remains be discovered, the county coroner must contact the Native American Heritage Commission (NAHC). The NAHC will then determine those persons it believes to be most likely descended from the deceased Native American(s). Together with representatives of the people of most likely descent, a qualified archaeologist shall</p>	<p>BC Confirm mitigation measure is included in construction contract. DC If any human remains are encountered, confirm all construction activities stop within the affected area and that a qualified</p>	<p>AVCSD</p>	<p>BC One-time check of construction contract. DC Field check as needed to confirm temporary construction stoppage within buffer zone.</p>	

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Table 2 American Valley Wastewater Treatment Plant and Effluent Disposal Project Mitigation Monitoring and Reporting Plan for Future Work

Mitigation Measures	Actions(s)	Implementing Party	Timing	Completion of Implementation
make an assessment of the discovery and recommend/implement mitigation measures as necessary.	archaeologist and the county coroner are contacted. If human remains are recognized as Native American, additional monitoring requirements may be specified by the archaeologist in consultation with representatives of the people of most likely descent.		The archeologist shall specify the timing/frequency of additional monitoring, as appropriate.	
Mitigation Measure 9.1 (2017 MMRP) If applicable, engineered plans for the proposed improvements shall include drainage details to ensure that at times when the improved land disposal area is not being irrigated with treated effluent (e.g., during the non-irrigation season), stormwater runoff shall be allowed to enter natural drainage ways	BC Confirm mitigation measure is included in construction contract. Confirm engineered plans show that stormwater runoff will be allowed to enter natural drainage ways.	AVCSD	BC One-time check of construction contract. One-time check of engineered plans.	
Mitigation Measure 12.1 (2017 MMRP) Construction work associated with the proposed project shall be limited to weekdays between the hours of 7:00 a.m. and 5:00 p.m., and on weekends and federally recognized holidays between the hours of 8:00 a.m. and 5:00 p.m., to the extent feasible; possible exceptions to this condition would be time-sensitive operations such as extended, continuous concrete pours, or to alleviate traffic congestion and safety hazards. Exceptions are subject to approval by the AVCSD General Manager or his/her designee.	BC Confirm mitigation measure is included in construction contract. DC Field check to confirm adherence to mitigation measure.	AVCSD	BC One-time check of construction contract. DC Field check as needed to confirm adherence to mitigation measure.	

BC = before construction

DC = during construction

AC = after construction

AVCSD = American Valley Community Service District